



**2024 Commercial
Vegetable Seed Catalog**



Grow with Confidence, Grow with Gowan!



Grow with Confidence, Grow with Gowan!

To Our Valued Customers,

Gowan Seed Company wishes to thank you for your business and the opportunity to support your seed needs again this season.

We are a family-owned business, distributing vegetable seeds throughout the USA and Canada. We are dedicated to getting our boots muddy in the fields and doing the research for you, trialing thousands of varieties every year to find the best selections for your growing area. We provide the expertise and knowledge so that you can grow your business with confidence.

Please feel free to contact our seed consultants so they can advise you how to incorporate these varieties into a complete program designed especially for you.

Thank you for your business! We look forward to continuing our relationship for many years to come.

Gowan Seed Company Team

EAST COAST OFFICE

Hours: 8:00AM – 4:30PM EST
Monday – Friday

Phone: 800-318-5942

Fax: 800-837-8072

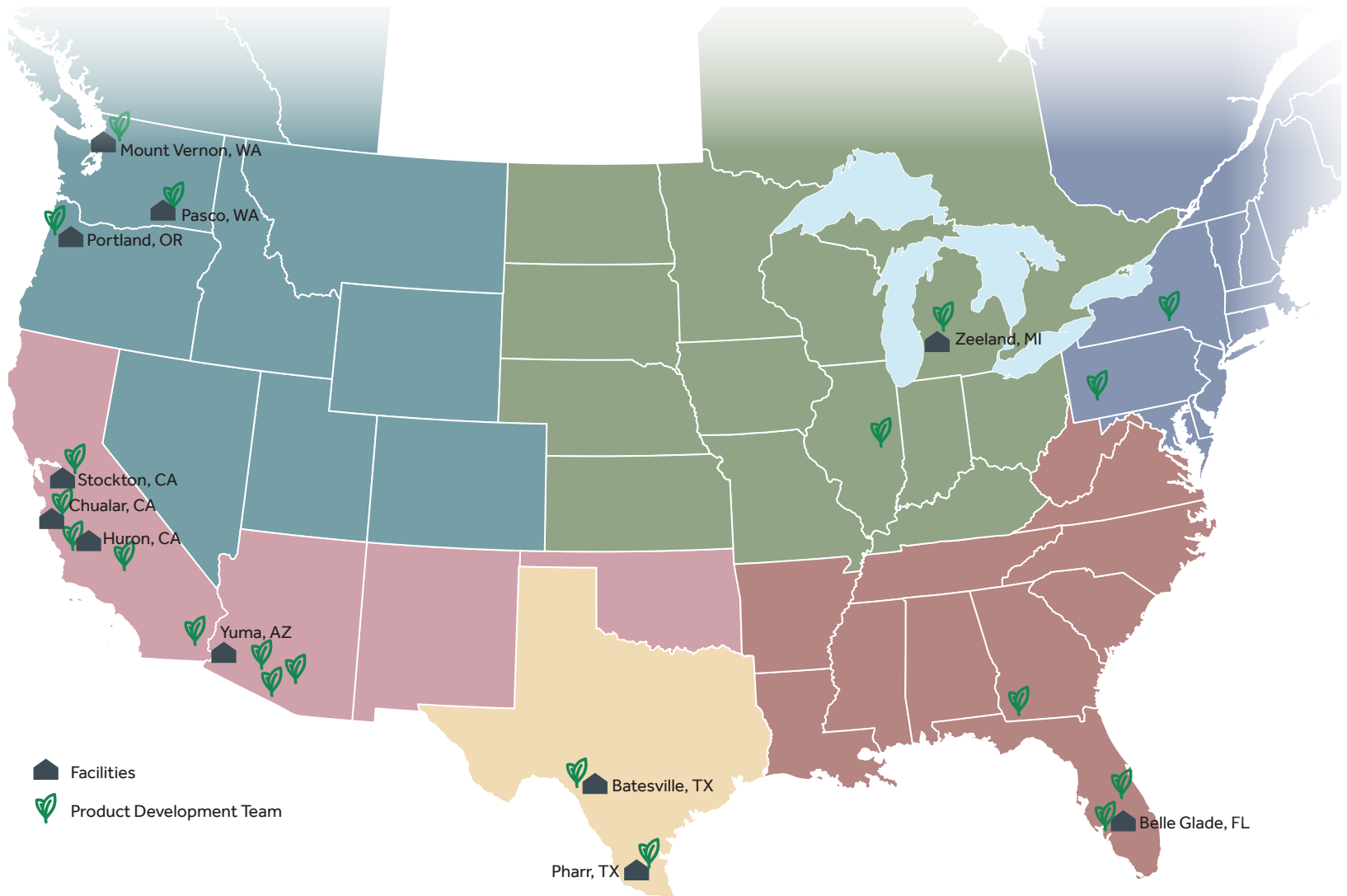
Email: sales@gowanseed.com

Mail: Gowan Seed Company
2425 104th Ave
Zeeland, MI 49464

Seed Consultants for each of these regions are listed on the opposite page



Please call our West Coast Office at 831-679-1900 so we can put you in touch with the seed consultant dedicated to your specific growing area.



SEED CONSULTANTS

Contact us for variety recommendations and to place your order today!

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Winter Garden & Central TX

Honoring over 40 years of service

Blake Myers has been a valued member of the seed industry since 1982 and is a true professional and expert seedsman. He has worked tirelessly trialing new and innovative varieties against industry standards to be sure that his growers always had the varieties that best fit their needs.

Those of us who have been blessed to work with Blake and call him a friend will always cherish his work ethic, integrity, gratitude, and deep knowledge of the vegetable seed industry. He makes those around him better and will be deeply missed. We appreciate the time and energy he dedicated to nurturing relationships, mentoring, and challenging the next generation of seedsmen to grow to their full potential.

A leader will always be a leader, even in retirement. We congratulate Blake on his well-earned retirement and wish him all the best in the next chapter of his life!

Happy Retirement!

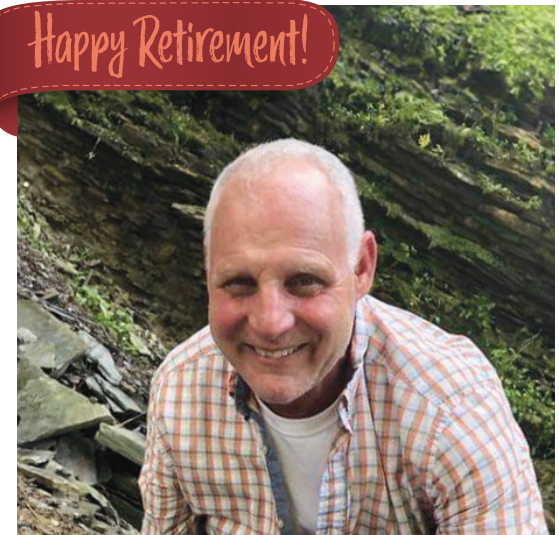


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PRICING

Our prices are set to the best of our ability with the information we have at the time we go to print. Unfortunately, some of our suppliers have price increases in the middle of our season. We cannot leave our sale price the same when we are paying an increased cost for the seed.

Therefore, prices are subject to change without notice.

How to use the pricing tables to calculate the price for your seed amount

To calculate the price, multiply the number preceding the "M" or the "lb" by the price in that column. For varieties sold by seed count, M = 1,000 seeds.

EXAMPLES

1 M	3 M	30 M	1 lb	5 lb	10 lb
47.60	45.35	43.45	17.25	16.75	16.25
	\times			\times	
	136.05			83.75	
	FOR 3000 SEEDS			FOR 5 POUNDS	

Price List Product Form Codes

CODE	PRODUCT FORM
Cr	Cruiser
F300	FarMore F300
F400	FarMore F400
FI400	FarMore FI400
FI500	FarMore FI500
Film	Filmcoat
Org	Certified Organic
Pel	Pelleted
Pr	Primed
Trt	Thiram or Similar
Unt	Untreated

PAYMENTS

- All payments must be paid in U.S. funds only.
- Acceptable forms of payment include credit card (Visa, MasterCard, American Express, and Discover), check, money order, wire transfer, John Deere Financing, and cash.
- Terms can be established once a credit application has been completed, returned, and approved (see credit application on pages 117-118).
- Please remit invoice/statement payments to:
Gowan Seed Company, PO Box 190, Chualar, CA 93925
- Past-due accounts will be charged with a finance fee of 1.25% per month (15% per annum) if not paid within the terms of sale.

SHIPPING & HANDLING

- Add \$20 shipping & handling fee for orders under \$250.
- For expedited shipping, freight charges will apply.

RESTRICTIONS

Certain products in this catalog have geographic restrictions on distribution due to contractual supplier agreements and may not be available to some regions.

RETURNS

- Seeds are "live" organisms that are constantly aging and will eventually die. For the protection of our customers, we cannot resell seed that has been returned. Once seed has left our facility, we have no control over the conditions those seeds are stored or shipped under. Therefore, seed returns are not accepted.
- Please go through your seed order upon delivery to confirm it's accurate. Count packages and pieces to make sure nothing is damaged or missing. We do not accept any returns for any reason other than an error on our part with filling your order. In the event of an error, please contact your sales representative within 15 days of receipt to get approval for return.
- Special order items may not be returned for any reason.
- No open containers or packages will be accepted.
- We are unable to accept any returns from Canada due to international conveyance requirements.

VARIETY DESCRIPTIONS AND ILLUSTRATIONS

Variety descriptions, days to maturity, and images in this catalog have been prepared as a guideline only. They are provided for comparison purposes to help you plan your crop program and can be expected to vary to some degree depending upon location, soil type, climate conditions, crop management practices, pest or pathogen presence, and other uncontrollable factors that may affect the expected performance. Descriptions in the catalog are the result of favorable growing conditions and identical results are not guaranteed.

NEW VARIETIES 2024

SWINGMA RZ (pg 16)



SM. PUMPKIN PILEUP (pg 74)



REVISION (pg 31)



RIO GRANDE (pg 106)



HONEYNUT (pg 86)



PRISM MIX (pg 54)



PRINCESS MIX (pg 38)



MADDOX (pg 36)



CASH CROP (pg 22)



ABOMINABLE (pg 73)



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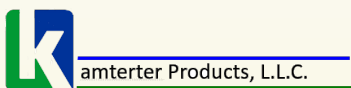
STAMINA MXR (pg 26)



THANK YOU TO OUR PARTNERS!



ENZA ZADEN



Hybrid Seed Company Ltd



incotec



PanAmerican Seed



PureLine Seeds, Inc



TAKII SEED



SENECA
Vegetable Research, Inc.



SAKATA



US Agriseeds



Limitation of Warranty and Liability

NOTICE: Be sure to read the Gowan Seed Company's Limitation of Warranty and Liability before buying or using Gowan Seed Company's seeds.

By opening the container or using the seed you are acknowledging that the Limitation of Warranty and Liability is part of the terms of transfer and constitutes an enforceable agreement between the parties. If you do not agree to be bound by the terms of the entire Gowan Limitation of Warranty and Liability, return any unopened containers of Gowan Seed Company seeds within ten (10) days of purchase or transfer, to Gowan Seed Company or to a Gowan Seed Company authorized distributor and Gowan Seed Company will refund the purchase price, if any.

Allocation of Risks and Exclusive Express Warranty

Failure of seed to germinate and/or reduction of yield may occur as a result of multiple environmental and agronomic factors. Seeds at times carry seed borne diseases that may not be apparent to the Seller, Purchaser or User. Gowan Seed Company makes no representation that its seeds are free of seed borne diseases whether previously known to exist or not identified until this seed is grown. All risks of nonperformance, reduced performance and/or crop damage due to these factors shall be assumed by the Purchaser and User. This allocation of risks is reflected in the price of the seed. Product representations, including photographs, on Gowan Seed Company labels, packaging, advertising and technical publications, and web sites represent kind only. A variety may differ from the representation in color, shape and size. GOWAN SEED COMPANY, STATES, AS ITS SOLE AND EXCLUSIVE WARRANTY THAT WHEN SHIPPED FROM A GOWAN SEED COMPANY FACILITY, GOWAN SEED COMPANY'S SEEDS CONFORMED TO LABEL DESCRIPTIONS THAT ARE REQUIRED BY STATE AND FEDERAL LAW.

Disclaimer of Warranty, Exclusive Remedy and Limitation of Liability

Gowan Seed Company disclaims all implied warranties including any implied warranty of merchantability and any implied warranty of fitness for a particular purpose. PURCHASER'S AND USER'S EXCLUSIVE REMEDY AND Gowan Seed Company's SOLE LIABILITY FOR LOSS OR DAMAGE ARISING FROM PURCHASE OR USE OF GOWAN SEED COMPANY'S SEEDS SHALL BE AN AMOUNT EQUAL TO THE PRICE PAID FOR THE SEEDS USED, IF ANY. Purchaser or User may not recover any amount for incidental or consequential damages, including loss of profit or yield and amounts expended in using such seeds. This Limitation of Warranty and Liability shall be applicable to any claim presented to Gowan Seed Company whether the legal theory forming the basis of such claim involves contract, tort, negligence, strict liability or otherwise. Purchaser and User agree that if GOWAN SEED COMPANY refunds an amount equal to the price Purchaser or User paid for GOWAN SEED COMPANY'S seeds, this Limitation of Warranty and Liability will not have failed of its essential purpose.

Prompt Notice of Claim

Gowan Seed Company must have prompt notice of any claim arising from the use of Gowan Seed Company's seeds so that an immediate inspection of the alleged affected seed and/or crop can be made. Purchaser or User shall notify Gowan Seed Company immediately, but in no case later than thirty (30) days after any defect or other basis of such claim is discovered or should have been discovered. Any claims made for which Gowan Seed Company did not receive notice within thirty (30) days shall be barred.

Statute of Limitation

Any action against Gowan Seed Company for breach of contract and any claim for breach of warranties must be commenced within one (1) year after the cause of action accrues. After such time all actions shall be barred.

Severability

If any portion herein is found to be unenforceable by a court of competent jurisdiction, all remaining portions herein remain in effect and fully enforceable.

Seed Enhancements or Treatments

Should Purchaser or User allow Gowan Seed Company's seeds to be enhanced, treated or otherwise conditioned by anyone other than Gowan Seed Company, Gowan Seed Company DISCLAIMS ALL WARRANTIES regarding the effect of any such processes on Gowan Seed Company's seeds.

Repackaging of Seeds

Should Purchaser or User allow or cause Gowan Seed Company seeds to be removed from Gowan Seed Company's brand packaging and be repacked into any other container(s) for enhancement, treatment, resale, or any purpose, GOWAN SEED COMPANY DISCLAIMS ALL WARRANTIES AND DENIES ALL LIABILITY FOR ACCURACY OF LABELING DESCRIPTIONS, SEED QUANTITY AND FOR SEED QUALITY.

Technical Advice

Any technical advice by Gowan Seed Company concerning the use of its seeds is given without charge. Therefore, Gowan Seed Company disclaims any warranty and disclaims all liability for such advice.

Controlling Law

This Limitation of Warranty and Liability shall be governed by and construed in accordance with the laws of the State of California.

Thank you for your business!

SYNGENTA SWEET CORN

Every Farmer Matters.

Syngenta Vegetable Seeds continues to invest in innovative solutions for sweet corn growers, roadside farm stands and farmers' markets.



Get instant access to sweetcorn variety information. Scan the QR code or visit [SyngentaVegetables.com](https://www.SyngentaVegetables.com).



Roadside Grower
Weston Hannan,
Age 12
Sun Prairie, WI



syngenta®



*For complete disease resistance information, please visit www.SyngentaVegetables.com/en-us. All photos are either the property of Syngenta or are used with permission.
© 2023 Syngenta. **Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides. Some or all of the varieties may be protected under one or more of the following: Plant Variety Protection, United States Plant Patents and/or Utility Patents and may not be propagated or reproduced without authorization.** Seed products with the LibertyLink(LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, post emergent weed control of Liberty herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF. Attribute® and the Syngenta logo are trademarks of a Syngenta Group Company.

sales@gowanseed.com

Committed to Development, Dedicated to Quality.

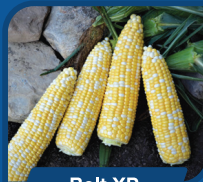


Redemption XR (BC/ 80d) has outstanding husk coverage, a robust plant and great yield potential. This variety is widely adaptable to handle different field environments, making it ideal for full season shipping markets.

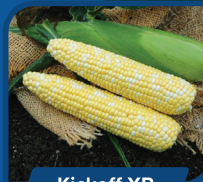
Contact your local
Gowan Sales Rep!



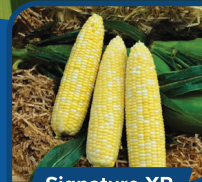
@IFSIvegetables



Bolt XR



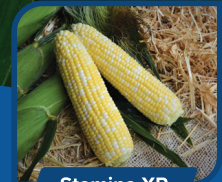
Kickoff XR



Signature XR



Superb MXR



Stamina XR



Altiplano

- ✓ Widely adaptable Serrano pepper with a vigorous plant and main season maturity.
- ✓ Jumbo size fruit averaging 5-5.1 inches in length.
- ✓ Uniform, glossy green color.
- ✓ Quickly becoming a market leader due to its excellent fruit quality and high yield potential.

Sowing your Future



Super Max

- ✓ Outstanding Monoecious Pickling Cucumber with high yield potential and resistance to PRSV, WMV, ZYMV & CMV. High quality fruit are uniform in shape with small seed cavity, dark green color and crisp texture.
- ✓ This variety has a very vigorous plant which matures 40 to 45 days to first pick. It is ideal for fresh market and well suited where pickles are sold for processing.



Hybrid Onion

RIDGE LINE

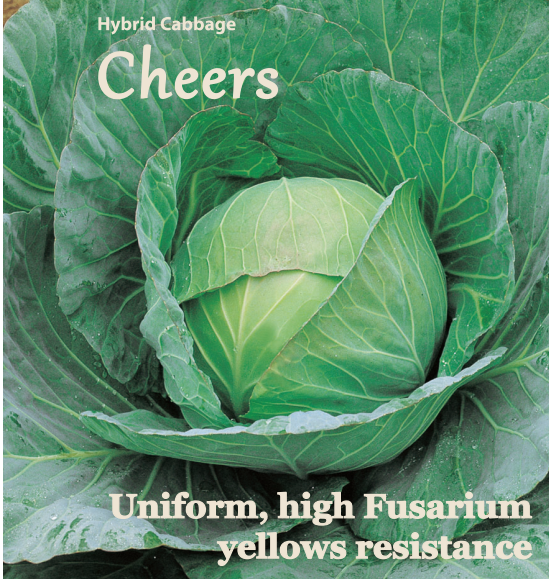
**Good roots,
slow to bolt**



Hybrid Cabbage

Acclaim Improved

**Extra early, high
Fusarium yellows resistance**



Hybrid Cabbage

Cheers

**Uniform, high Fusarium
yellows resistance**

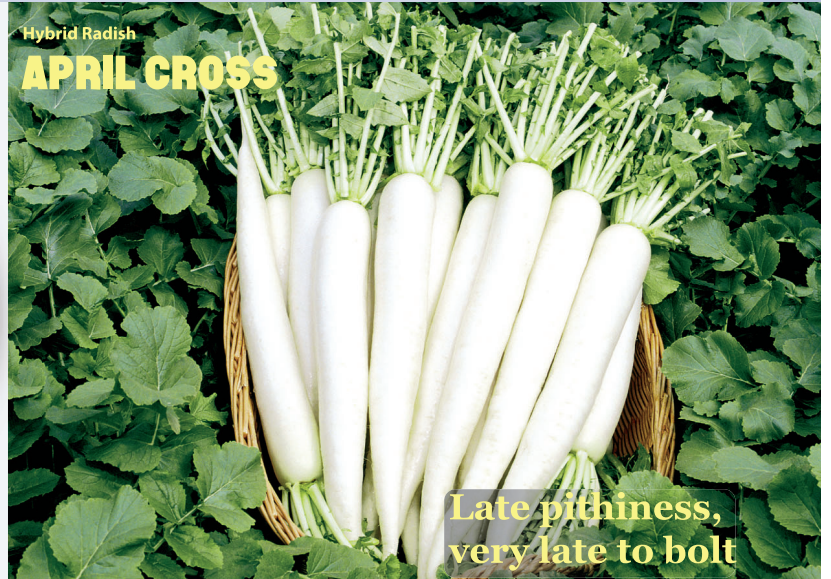
***Takii breeding balances
tradition and innovation
to meet the needs
of successful growers.***



Hybrid Squash

Delica

**Vigorous and
high yielding**



Hybrid Radish

APRIL CROSS

**Late pithiness,
very late to bolt**

www.takii.com



TAKII SEED

Creating Tomorrow Today

sales@gowanseed.com

Diverse Choices Exceptional Results

Do you want unique varieties that provide solutions to the grower and healthy products the consumers crave? Our line-up of lettuce, spinach and brassica varieties provide strong resistances, good uniformity, high yield, uniqueness, and adaptability. Our goal is to grow your vegetable programs! Contact us to learn more.



Grazion RZ

Batavia/leaf lettuce

- Large, dark green, open batavia/leaf lettuce
- Heavy and voluminous large heads with many curly leaves
- High uniformity in shape and size
- Strong against Fusarium
- Adaptable throughout U.S.



Bonnethead RZ

Spinach

- Semi-savoy type for winter, spring and early fall segments
- Oval leaf with upright growing habit and offers high yield
- Strong tolerance against Stemphylium and white rust
- Suitable for baby leaf and teen leaf production



26-701 RZ

Hybrid Romanesco

- Hybrid Green Romanesco variety producing a heat tolerant uniform and dense dark green curd
- Very healthy foliage with Ring Spot resistance
- Suitable for fresh and processing markets
- Suitable for spring and autumn and very strong performance in summer long day conditions



Sierra Madre RZ

Cauliflower

- White cauliflower for fresh and processing markets
- Good-quality florets keep waste low when processed
- Dense curd with very good leaf-cover
- Vigorous plant and strong in warm conditions

For more information, contact:

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High Density Leafy Crop Specialist, **Eric Christianson** | e.christianson@rijkszwaan.com

Brassica Crop Specialist, **Merek Dorf** | m.dorf@rijkszwaan.com

www.rijkszwaanusa.com



Sharing a healthy future

Focus is in our genes.

The more global challenges we face the more passionate we become in tackling them. We make them our challenge and make sure we develop the right solution for you. Our challenge: your solutions.

No stress with The Magma Collection®

Strengthen your
supplier reliability
year-round.



PV-979

Predictable yield in heat
and stress with strong
upright plants.

new



Sanford

Especially suitable for the early and
colder parts of the season with vigorous
and strong plants for easy harvesting.

Consistent quality

All year round high
leaf quality spinach
guaranteed.

Spinach 365®



Better taste

Red Beet
Scarlett F1.
**Boost your
performance
with brix.**



For more information:
popvriendseeds.com   

Pop Vriend Seeds



BEAN

GREEN BUSH

Item #	Variety	Days (DS) ↓	Pod Length/ Shape	Pod Color	Seed Color	Market Use	Resistance/ Tolerance	Features
85264	DESPERADO	53	5.5", Round	Medium Dark Green	Brown	Fresh Market	HR:BCMV	Excellent cold soil vigor for early sowings. Robust variety with high yield potential.
84663	PV-857	53	5.5", Round	Dark Green	White	Fresh Market	HR:BCMV, CI, IR:Ua	Very good heat setting variety. 3-4 sieve size pods set high in the bush for clean harvest and excellent recovery. US Patent #10,390,514.
87944	COYOTE	55	5", Round	Dark Green	White	Fresh Market, Processing	HR:BCMV	Upright bush style variety for hand and machine harvest. Produces concentrated sets of dark green pods with high yields. Widely adapted to most growing regions.
83145	STAR 2007	55-60	5.5", Round	Medium Green	White	Fresh Market, Processing	HR:BCMV, Ua, IR:Psp	Excellent yield potential on robust plants with medium, upright frame. High quality pods with a concentrated set ideal for fresh market and processing.
85261	OUTLAW	57	5.2", Round	Dark Green	White	Fresh Market	HR:BCMV	Attractive dark green color with excellent seed quality and germination. Versatile across growing regions. Average sieve size is 3.8. Machine harvest.
69077	HOMERUN	58	6-7", Round	Dark Green	White	Fresh Market	HR:BCMV	Great taste! Performs well in warmer climates. Tall, erect bush produces straight, shiny dark green pods. High percentage of 4 sieve pods, suitable for multiple hand-pick harvests.
91338	KESTREL	58	5.5", Round	Dark Green	White	Fresh Market	HR:BCMV IR:Ua	A prolific yielder of straight, dark green, predominately 4 sieve size pods. Sturdy upright bush, open for easy hand or mechanical harvest. Leaves are distinctly different being upright and dark green. Gowan Exclusive!
84700	JADE II	60	6.5", Round	Dark Green	White	Fresh Market	HR:BCMV, BCTV, Ua	Exceptional sweet flavor and tenderness. Upright structure minimizes curling and tip rot.

DESPERADO



PV-857



COYOTE



STAR 2007



OUTLAW



HOMERUN



KESTREL



JADE II



GRENADA



FRENCH FILET

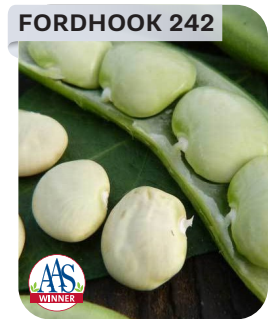
Item #	Variety	Days (DS) ↓	Pod Length/ Shape	Pod Color	Seed Color	Market Use	Resistance/ Tolerance	Features
79643	GRENADA	58	6.5", Round, Slender	Dark Green	White	Fresh Market	HR:Pss, IR:BCMV, CI, Psp, Ua	Very fine 2 sieve size pods. Very classy, dark green color, slow seed development and excellent disease package.

PURPLE BUSH

Item #	Variety	Days (DS)↓	Pod Length/ Shape	Pod Color	Seed Color	Market Use	Resistance/ Tolerance	Features
107714	CELINE	61	4.5", Round	Magenta	Buff	Fresh Market	HR:BCMV	Stringless with round pods that are sweet and tender. Beautiful refined 3 sieve size (85%) and a striking Magenta color. This unique variety is the World's First purple-wax bean and a market standout.

YELLOW BUSH

89716	GOLDILOCKS	52	5-6", Round	Yellow	White	Fresh Market, Shipping	HR:BCMV, CI, Pss, T:Heat	Big yields and a strong disease resistant upright plant. The 3-4 sieve size pods are attractive, straight, and smooth.
91344	GOLDSTRIKE	55	5.5", Round	Yellow	White	Fresh Market, Shipping	HR:BCMV, CI IR:Pss	Beautiful yellow, uniform, straight 4 sieve sized pods are held high on a medium, erect plant. Excellent for hand or machine harvesting. High yielding. US Patent #11,737,419.
84665	GOLDEN GOAL	56	5-6", Round	Yellow	White	Fresh Market, Processing	HR:BCMV	Large 4 or 5 sieve size excellent quality wax bean. Concentrated setting on a tall, upright plant. Productive.



ROMANO BUSH

Item #	Variety	Days (DS)↓	Pod Length/ Shape	Pod Color	Seed Color	Market Use	Resistance/ Tolerance	Features
83558	GREEN CROP	52	7", Flat	Medium Green	White	Fresh Market		A bush type plant version of Kentucky Wonder. Very long, flat pods with excellent flavor.
84667	NAVAJO	55	5.5-6", Flat	Medium Dark Green	White	Fresh Market, Processing	HR:CI	Great color and flavor. Upright plants produce high yields of very high quality 3/4" wide, straight, long pods.

SPECIALTY

84081	STATE HALF RUNNER	52	4-5"	Silver Green	White	Fresh Market	T: Heat, Drought	Delicious, stringless, silvery green and flattened beans with high yields. Use the pods fresh, frozen or canned. Heat and drought resistant.
93766	FRENCH HORTICULTURAL Cranberry	60	7", Thick, Oval	Red Mottled	Red Speckled	Fresh Market		Long, straight and uniform. Striking appearance. Vine, semi-runner plant habit.
86269	VOLUNTEER 1/2 RUNNER	60	6", Oval	Light Green	White	Fresh Market, Processing	HR:BCMV IR:Ua	Early yields, high quality with continuous setting for 3 to 4 hand harvests. Medium length runners.
91314	KENTUCKY WONDER Pole	65	7-9"	Medium Green	Brown	Fresh Market		Vigorous plant must be staked or trellised and can be relied on for peak flavor, productivity, and wide adaptability. Yields abundant clusters of thick, meaty 9" green pods. Stringless when young. Delicious fresh, cooked, frozen, or dried for shell beans.
93765	FORDHOOK 242 Lima	79	3.5-4", Thick, Broad	Medium Dark Green	Green	Fresh Market		AAS Winner! Good pod set. Very productive and great for hand harvesting.


BEAN » BEET

BEAN PRICING

Item #	Variety	Code Pg 2	Price per M				M=1,000 Seeds			
			10 M	80 M	800 M	4000 M	10 M	80 M	800 M	4000 M
GREEN BUSH										
90287	Astoria	Trt	2.62	2.45	2.40	2.30				
87944	Coyote	Cr	4.09	3.85	3.70	3.59				
85264	Desperado	Cr	3.99	3.75	3.65	3.50				
69077	Homerun	Cr	3.99	3.75	3.65	3.50				
84700	Jade II	Cr	3.82	3.60	3.50	3.35				
91338	Kestrel	Cr	3.99	3.75	3.65	3.50				
68981	Momentum	Cr	4.13	3.85	3.75	3.62				
85261	Outlaw	Cr	3.96	3.70	3.60	3.47				
84663	PV-857	Cr	3.96	3.70	3.60	3.47				
79247	PV-857	Trt	3.76	3.50	3.40	3.30				
86387	PV-857	Unt	3.76	3.50	3.40	3.30				
88539	Star 2007	Trt	2.12	2.00	1.95	1.86				
83145	Star 2007	Cr	2.27	2.15	2.05	1.99				
FRENCH FILET										
79643	Grenada	Cr	3.42	3.20	3.10	3.00				
PURPLE BUSH										
107714	Celine	Cr	4.39	4.10	4.00	3.85				
88845	Celine	Org	5.81	5.45	5.30	5.10				

Item #	Variety	Code Pg 2	Price per M				M=1,000 Seeds				
			10 M	80 M	800 M	4000 M	10 M	80 M	800 M	4000 M	
YELLOW BUSH											
84665	Golden Goal	Cr	4.01	3.75	3.65	3.52					
89716	Goldilocks	Cr	3.59	3.35	3.25	3.15					
91344	Goldstrike	Cr	4.18	3.90	3.80	3.67					
88519	Goldstrike	Trt	3.99	3.75	3.65	3.50					
ROMANO BUSH											
93705	Capitano	Cr	4.50	4.20	4.10	3.95					
84667	Navajo	Cr	5.35	5.00	4.85	4.69					
SPECIALTY											
83558	Green Crop	Trt	4.55	4.15	3.75	3.50					
59704	Roma II	Cr	3.25	2.95	2.70	2.50					
93766	French Horticultural	Cr	4.50	3.80	3.45	3.31					
93765	Fordhook 242	Cr	5.05	4.30	3.90	3.73					
91314	Kentucky Wonder	Trt	4.25	3.60	3.30	3.13					
84081	State Half Runner	Trt	Crop Failure								
86269	Volunteer 1/2 Runner	Trt	3.45	2.95	2.70	2.55					

Prices subject to change without notice.

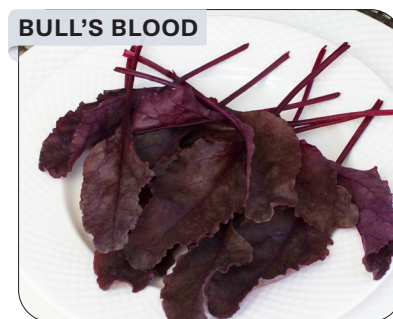
Gowan Seed offers Cruiser seed treatment as our standard treatment for bush beans. 

BEET

HYBRID

Item #	Variety	Days (DS) ↓	Interior Color	Root Shape	Top Height	Primary Use	Resistance/Tolerance	Features
84287	CAMARO	50-55	Dark Red	Round	12-13"	Fresh Market, Processing		Good root quality, uniform size and shape. High marketable yield. Smooth skin, good internal and external color.
62130	BORO	51	Dark Red	Round	12"	Fresh Market, Pickling	IR:Cb	Excellent for baby beets when harvested prior to full maturity. Fancy color and smooth skin. Refined leaf attachment.
88817	BOHAN	52	Dark Red	Round	18"	Fresh Market, Processing		Attractive round, dark red smooth skinned beet root with tall strong, clean tops. Heat tolerant and is widely adaptable for various soil types.
84349	KESTREL	53	Dark Red	Round	12-13"	Fresh Market, Baby		Shapes early into a dark red round root with a small crown attachment, and refined tap root. Great for bunching.
44491	RED ACE	53	Dark Red	Globe	12-13"	Fresh Market, Processing		Early maturing, consistent, and uniform high yields. Full globe shape with a smooth tap root.
65402	MERLIN	55	Dark Red	Round	15-17"	Fresh Market, Bunching		Extremely uniform, round shape, high yielding and very high sugar content (15-17%). Taste the difference!
22373	MONETA	55	Dark Red	Round	14"	Fresh Market		Monogerm seed. Only one embryo per seed means no thinning and more uniform size and shape. Smooth, deeply colored roots with medium tops. Good bolt resistance.





OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Interior Color	Root Shape	Top Height	Primary Use	Resistance/Tolerance	Features
84396	BULL'S BLOOD	35 Tops			12-13"	Fresh Market, Processing		Deep reddish purple leaves. Used only for the tops. The best color exhibited under cool conditions.
108954	GOLDEN BOY 	54	Bright Yellow	Round	14-16"	Fresh Market, Processing	IR:Cb T:Bolting	Extremely uniform, round shape, high yielding and very high sugar content. Crisp sweet flavor. Good bolting tolerance.
64510	TOUCHSTONE GOLD	54	Gold	Round	12-14"	Fresh Market		Uniform, round with smooth orange skin and bright golden interior. Golden color is retained when cooked.
84164	AVALANCHE	55	White	Round	12"	Fresh Market		AAS Winner! "This beet has made me a believer!" Mild, sweet taste with a uniform root shape and solid white color. Unique for its appearance and remarkable flavor.
59330	CHIOGGIA GUARDSMARK	60	Purple, White Zones	Globe	10"	Fresh Market		For fresh market and specialty growers and for those who say they do not like the taste of beets. Interior purple/white target pattern. Short tops.
84399	DETROIT DARK RED	65	Dark Red	Globe	15"	Fresh Market, Processing		Adaptable standard variety with dark red color, dull green tops and overall less refined size, shape and tap root than hybrid varieties.



BEET PRICING

Item #	Variety	Code pg 2	Price per M or LB			
			M=1,000 Seeds	10 M	50 M	500 M
84164	Avalanche	Trt	2.70	2.48	2.35	2.16
88817	Bohan	Trt	1.31	1.21	1.15	1.05
62130	Boro	Trt	1.73	1.59	1.50	1.38
84287	Camaro	Trt	1.53	1.40	1.33	1.22
59330	Chioggia Guardsmark	Trt	1.84	1.69	1.60	1.47
108954	Golden Boy	Trt	3.06	2.82	2.67	2.45
97906	Grenade	Trt	3.19	2.93	2.78	2.55
84349	Kestrel	Trt	1.33	1.23	1.16	1.07
65402	Merlin	Trt	1.33	1.23	1.16	1.07
22373	Moneta	Trt	2.36	2.17	2.06	1.89
44491	Red Ace	Trt	1.33	1.23	1.16	1.07
64510	Touchstone Gold	Trt	3.32	3.06	2.90	2.66
				1 lb	5 lb	25 lb
84396	Bull's Blood	Trt		24.20	20.95	18.60
84399	Detroit Dark Red	Trt		11.40	9.65	8.75

Prices subject to change without notice.

BROCCOLI

HYBRID

Item #	Variety	Days (TP) ↓	Head Traits	Harvest Season	Features
91382	KINGDOM	59	Domed, Small-Medium Beads	Spring, Fall, Winter	Early maturing and very good quality for crown cuts. A multi-use variety which has performed well in the Northeast, Mid-Atlantic states and the Desert Southwest.
48562	EMERALD CROWN	62	Semi-Domed, Small Beads	Summer, Fall	Extends well into the cool season, excellent quality. Resists purpling. Widely adapted.
32309	GREEN MAGIC	65	High Domed, Medium-Small Beads	Spring, Fall	Mid-early variety well adapted and is a multi-use variety. Medium-small beads and good plant habit.
75859	EASTERN CROWN	67	Domed, Small Beads	Spring, Summer, Fall	An outstanding variety for the East Coast. Excellent heat tolerance. Featuring small beads with beautiful blue-green color.
EVRS	EVEREST	68	Domed, Small Beads	Late Summer, Fall	Produces crisp deep blue-green 6" heads. Continues to grow during cold periods when other varieties slow down.
41937	IMPERIAL	72	Semi-Domed, Small Beads	Summer, Fall	A variety that performs well with moderate day and night temperatures. Bunch, crown or for processing.




BROCCOLI PRICING

Item #	Variety	Code pg 2	Price per M or LB M=1,000 Seeds				
			2.5 M	10 M	50 M	100 M	500 M
77004	Arcadia	Trt	6.62	6.08	5.49	5.11	4.90
75859	Eastern Crown	Trt	13.45	12.35	11.16	10.38	9.96
79155	Eastern Crown - Performax®	Trt	14.46	13.28	12.00	11.16	10.71
75915	Eastern Crown	Unt	13.45	12.35	11.16	10.38	9.96
94174	Eastern Magic	Trt	12.31	11.31	10.21	9.50	9.12
48562	Emerald Crown	Trt	11.75	10.79	9.74	9.07	8.70
EVRS	Everest	Trt	8.25	7.58	6.84	6.37	6.11
32309	Green Magic	Trt	9.99	9.18	8.29	7.71	7.40
34736	Gypsy	Trt	9.26	8.51	7.68	7.15	6.86
76869	Gypsy	Unt	9.26	8.51	7.68	7.15	6.86
41937	Imperial	Trt	10.64	9.77	8.83	8.21	7.88
48311	Imperial	Unt	10.64	9.77	8.83	8.21	7.88
108003	Jet Dome	Trt	9.02	8.28	7.48	6.96	6.68
91382	Kingdom	Trt	11.75	10.79	9.74	9.07	8.70
97993	Kingdom	Unt	11.75	10.79	9.74	9.07	8.70
65178	Millennium	Trt	12.31	11.31	10.21	9.50	9.12
66341	Millennium	Unt	12.31	11.31	10.21	9.50	9.12

Prices subject to change without notice.

BRUSSELS SPROUTS » CABBAGE

HYBRID

Item #	Variety	Days (TP) ↓	Plant Height	Sprout Size/ Shape	Resistance/ Tolerance	Features
84392	JADE CROSS	90	25-30"	0.75-1", Round		AAS Winner! Very early maturing, widely adapted and consistent performance.
63949	MARTE	103	30"	1.5-2", Round		Easy to grow and adaptive to plant densities. Short internodes and high productivity of uniform round, firm, tasty sprouts.
58864	DIVINO 	105	Tall	1.2", Round	T:Bolt	Early with good bolting tolerance. Tall, upright plants with high yields of excellent quality solid, dark green sprouts. Suitable for very fertile soil type and easy for processing. Straight stem for selling whole or to cut sprouts from the stalk. Excellent field holding and good storage ability.
44587	CONFIDANT	120	25.6"	1.26"	HR:Foc:1	Uniform shape, tight dark green sprouts with a mild taste. Compact plant with high yields.




BRUSSELS SPROUTS PRICING

Item #	Variety	Code pg 2	Price per M				M=1,000 Seeds
Prices subject to change without notice.			500 sds	1 M	10 M	50 M	100 M
55125	Capitola	Trt	19.10	30.80	27.60	25.90	24.63
44587	Confidant	Trt	17.75	28.55	25.60	24.00	22.82
64181	Dagan	Trt	15.65	25.20	22.60	21.20	20.15
58864	Divino	Trt	16.40	26.45	23.70	22.25	21.15
51199	Gustus	Trt	19.50	31.40	28.15	26.40	25.12
84392	Jade Cross	Trt		11.25	10.05	9.45	8.97
63949	Marte	Trt	16.40	26.45	23.70	22.25	21.15

CABBAGE



STORAGE | HYBRID

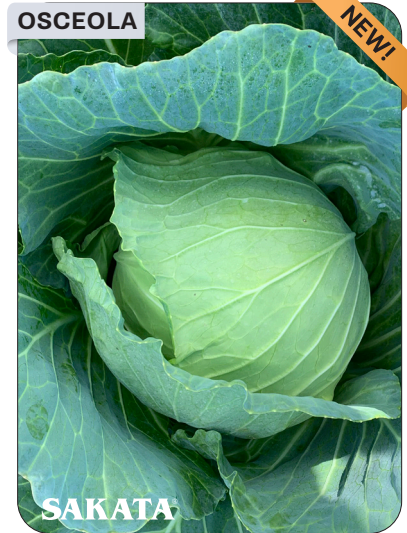
Item #	Variety	Days (TP) ↓	Storage Rating	Head Size/ Shape	Plant Type	Resistance/ Tolerance	Features
84556	CONGAMA RZ	95	Short/ Medium Term	2.75-6 lbs., Balloon	Tall, Upright	HR:Foc:1	Grower friendly variety that is adaptable to growing conditions and plant densities. Green waxy head leaf color. Recommended for fresh market. 12,200-22,500 seeds per acre.
77092	STORAGE #4	110	Medium/ Long Term	5-7 lbs., Globe	Strong, Upright	HR:Foc:1	Fresh Market and Storage variety making this cabbage a favorite. Holds well in the Fall under rainy wet conditions. Dark green color, very solid heads. Plant later if taking to storage.
84963	SATIE	115-125	Medium/ Long Term	4.4-6.6 lbs., Round	Strong, Upright	HR:Foc IR:Xcc	Late variety with a short core for medium to long term storage. Suitable for growing conditions like hot continental summers.
84555	AXIOMA RZ	120	Long Term	3.5-10 lbs., Round	Strong, Medium Tall	HR:Foc:1	Very fresh appearance coming from storage. Round, dense filled heads. 11,350-22,500 seeds per acre.
84557	LAGRIMA RZ	125	Medium/ Long Term	6-12 lbs., Balloon	Strong, Large Frame	HR:Foc:1	Strong vigorous medium height plant with 6-12 lb. heads depending on plant population. Cuts very clean out of the field. Fresh market and processing markets. Dense, fine internal head structure.
94130	MUCSUMA RZ 	125	Long Term	6-11 lbs., Round	Strong, Upright	HR:Foc:1	Ideal for both fresh market and processing. Extra-large green dense heads with large frame and great holding capacity. High yield potential.



CABBAGE

GREEN | HYBRID

Item #	Variety	Days (TP) ↓	Color	Head Size/ Shape	Market Use	Resistance/ Tolerance	Features
84551	BOURBON	65	Green	3.5-5 lbs., Round	Fresh Market		Early maturing variety well suitable for early cropping. Strong against bolting and cracking.
69041	QUICK START	65	Medium Green	3 lbs., Round	Fresh Market	IR:Foc	Early maturing with round solid heads and short core.
84550	ACCLAIM	75	Blue-Green	Large, Round	Fresh Market	IR:Foc T:Heat	Large solid heads. Works best from cool to warm season harvest.
109800	OSCEOLA (SBC5353) 	70-80	Blue-Green	3-6 lbs., Round	Fresh Market, Processing	HR:Foc:1 IR:Xcc	Large, green cabbage that serves dual purpose for fresh market and processing. Vigorous plant frame, good field holding.
108019	SWINGMA RZ 	70-85	Green	3.3-9.2 lbs., Round	Fresh Market, Processing	HR:Foc:1	High uniformity in shape and size. Strong vigor and nice wrapper foliage through all growing seasons. Can be harvested from early to late season, including winter-cycle in moderate climates. Widely adapted.
76246	TOPMA RZ	75-85	Blue-Green	3.3-7.7", Round	Fresh Market	HR:Foc:1	Uniform round blue-green heads with usable wrapper leaves. Medium sized, strong frame with good field holding capability. Proven performance.
44539	BLUE VANTAGE	80	Blue-Green	3-4 lbs., Round	Fresh Market, Processing	HR:Foc:1 T:Tip Burn	Large dense heads and a short core. A standard variety for shipping but great for local fresh markets and for slaw.
80821	XTREME VANTAGE	80	Blue-Green	Round	Fresh Market, Processing	HR:Foc IR:Xcc T:Tip Burn	Very good uniformity in the field with a good disease package. Strong resistance to black rot and strong tolerance to tip burn.



GREEN | HYBRID (continued from previous page)

Item #	Variety	Days (TP) ↓	Color	Head Size/ Shape	Market Use	Resistance/ Tolerance	Features
84552	CHEERS	80-85	Blue-Green	5 lbs., Round	Fresh Market, Processing	HR:Foc IR:Xcc	Uniform, large solid blue-green heads with a short core and good wrap.
67310	GRAND VANTAGE	80-85	Blue-Green	5-6 lbs., Round	Fresh Market	HR:Foc:1	Strong frame, tight wrapper leaves and excellent holding ability. Attractive, round, dense solid heads.
77097	SUPERSTAR	85	Dark Green	4-5 lbs., Round	Fresh Market	HR:Foc IR:Xcc	Fancy, dense head with blue-green leaves. Uniform, reliable and widely adapted. Used for boxing and has good holding ability in field & after harvest.
65649	TAURUS	105	Blue-Green	5-9 lbs., Round-Flat	Fresh Market, Processing	HR:Foc IR:Xcc	Vigorous plant, large blue-green round to flattened heads. Tremendous yield potential for processing kraut or slaw.



RED | HYBRID

Item #	Variety	Days (TP) ↓	Color	Head Size/ Shape	Market Use	Resistance/ Tolerance	Features
84554	ROADIE	65-67	Red	3-5 lbs., Round,	Fresh Market	HR:Foc	Early maturing with excellent taste and suitable for mid spring or late summer sowings. 18-24 Count.
52251	RED GLOBE	70	Deep Purple-Red	Round	Fresh Market		Excellent quality and flavor. Uniform, compact plant type. Round head has excellent color, thick tender leaves and a short core.
77116	RED JEWEL	75	Deep Red	6.5", 3.5 lbs., Globe	Fresh Market, Processing		Uniform with high yields. Deep red color extends into interior. Short core.



CABBAGE

SAVOY | HYBRID

Item #	Variety	Days (TP) ↓	Color	Head Size/Shape	Resistance/Tolerance	Features
80611	SAVOY ACE IMPROVED	80	Deep Green	3.5 lbs., Round	T: Cold	AAS Winner! Early maturity, deep green, with fine savoy leaves. Good holding ability and widely adapted. Recommended for Fall to Winter harvest.

CHINESE (NAPA) | HYBRID

Item #	Variety	Days (TP) ↓	Head Size/Shape	Resistance/Tolerance	Features
32081	YUKI	67	4.5 lbs., Barrel	IR: Pb, Xcc T: Tip Burn	Great uniformity and size with extra disease resistance. Yellow interior.

PAK CHOI | HYBRID

Item #	Variety	Days (TP) ↓	Appearance	Resistance/Tolerance	Features
54062	MEI QING CHOI	45	Green Petioles, Tight Vase-Like Shape	T: Bolt	Shanghai pak choi type with good heat and cold tolerance and bolting resistance. Harvested as baby pak choi in the US. Weighs about a quarter of a pound. Excellent flavor and is extra tender.
48259	FENG QING CHOI	45	Green Petioles, Tight Vase-like Shape. Erect, Compact Plant	T: Bolt	Glossy green leaves with broad white petioles. Easy to grow and adapted to all growing areas. Slow to bolt with excellent uniformity.
35603	JOI CHOI	55	Glossy, Dark Green, Erect, Broad White Stalks	T: Bolt	Glossy green leaves with broad white petioles. Easy to grow and adapted to all growing areas.

SAVOY ACE IMPROVED



YUKI



MEI QING CHOI



FENG QING CHOI



JOI CHOI



CHINESE CABBAGE & PAK CHOI PRICING

Item #	Variety	Code pg 2	Price per M	M=1,000 Seeds			
CHINESE (NAPA)			2.5 M	10 M	50 M	100 M	500 M
BLUETR	Blues	Trt	3.65	3.35	3.10	2.85	2.67
26217	Monument - Michihili	Trt	3.50	3.20	2.95	2.70	2.56
32081	Yuki	Trt	5.50	5.10	4.70	4.30	4.05
77257	Yuki	Unt	5.50	5.10	4.70	4.30	4.05

Item #	Variety	Code pg 2	Price per M	M=1,000 Seeds			
PAK CHOI			2.5 M	10 M	50 M	100 M	500 M
48259	Feng Qing Choi	Trt	4.80	4.45	4.10	3.75	3.53
35603	Joi Choi	Trt	4.60	4.25	3.95	3.60	3.40
54062	Mei Qing Choi	Trt	4.60	4.25	3.95	3.60	3.40

Prices subject to change without notice.

CABBAGE PRICING


Item #	Variety	Code pg 2	Price per M					M=1,000 Seeds				
			2.5 M	10 M	50 M	100 M	500 M	2.5 M	10 M	50 M	100 M	500 M
STORAGE												
84555	Axioma RZ	Trt	17.35	16.05	14.80	13.50	12.84					
84556	Congama RZ	Trt	19.15	17.75	16.30	14.90	14.17					
104662	Foxma RZ	Trt	19.15	17.75	16.30	14.90	14.17					
84557	Lagrima RZ	Trt	17.35	16.05	14.80	13.50	12.84					
94130	Mucusuma RZ	Trt	19.15	17.75	16.30	14.90	14.17					
84963	Satie	Trt	19.35	17.90	16.45	15.05	14.30					
77092	Storage #4	Trt	14.10	13.05	12.00	11.00	10.43					
GREEN												
84550	Acclaim	Trt	7.55	7.00	6.45	5.85	5.57					
44539	Blue Vantage	Trt	6.10	5.65	5.20	4.75	4.50					
84551	Bourbon	Trt	7.65	7.10	6.50	5.95	5.65					
84552	Cheers	Trt	7.65	7.05	6.50	5.95	5.64					
85472	Cheers	Unt	7.65	7.05	6.50	5.95	5.64					
107791	Cheers	Unt/Pr	7.65	7.05	6.50	5.95	5.64					
32818	Fast Vantage	Trt	7.55	7.00	6.45	5.90	5.58					
67310	Grand Vantage	Trt	9.55	8.85	8.15	7.45	7.05					
86406	Grand Vantage	Trt/Pel	10.25	9.45	8.70	7.95	7.56					
97757	Green Lunar	Trt	11.05	10.25	9.40	8.60	8.17					
109800	Osceola	Trt	6.10	5.65	5.20	4.75	4.50					

Item #	Variety	Code pg 2	Price per M					M=1,000 Seeds				
			2.5 M	10 M	50 M	100 M	500 M	2.5 M	10 M	50 M	100 M	500 M
GREEN (continued)												
84553	Promise	Trt	19.55	18.10	16.65	15.20	14.45					
69041	Quick Start	Trt	7.25	6.75	6.20	5.65	5.37					
83593	Stellar Vantage	Trt	6.90	6.40	5.90	5.35	5.09					
77097	SuperStar	Trt	9.25	8.55	7.90	7.20	6.84					
108019	Swingma RZ	Trt	10.50	9.70	8.95	8.15	7.75					
65649	Taurus	Trt	16.85	15.60	14.35	13.10	12.45					
86404	Taurus	Trt/Pel	15.75	14.60	13.45	12.25	11.66					
76246	Topma RZ	Trt	10.50	9.70	8.95	8.15	7.75					
60582	Vantage Point	Trt	5.70	5.25	4.85	4.45	4.20					
80821	Xtreme Vantage	Trt	6.00	5.55	5.10	4.65	4.41					
86405	Xtreme Vantage	Trt/Pel	6.90	6.40	5.90	5.40	5.10					
RED												
52251	Red Globe	Trt	8.70	8.05	7.40	6.75	6.42					
77116	Red Jewel	Trt	11.55	10.65	9.80	8.95	8.52					
84554	Roadie	Trt	12.30	11.40	10.50	9.60	9.10					
SAVOY												
80611	Savoy Ace Improved	Trt	13.35	12.35	11.40	10.40	9.87					
83432	Savoy King	Trt	12.45	11.50	10.60	9.70	9.20					

Prices subject to change without notice.

CARROT

HYBRID & OPEN POLLINATED

Item #	Variety ↓	Days (DS)	Root Size	Tops	Market Use	Resistance	Features
81410	BOLERO <i>Hybrid Nantes</i>	Early-Mid	8"x1.75-2"	12-15", Refined	Slicer, Cello, Baby, Nantes	HR:Ad, Eh IR:Cc, Ps, Xhc	Very sweet and crisp texture. Smooth, blunt tip. Uniform size and shape.
85454	JACINTO <i>Hybrid</i>	Mid-Late	11"x1.25"	11-13", Erect	Cello, Slicer	IR:Ad, Eh	Superior quality roots that are smooth, straight, sweet and tapered to a blunt tip. The root exterior is dark orange with an indistinct core. Strong, erect, dark green foliage with a small attachment. Excellent for fresh market cello and processing slicer.
83941	RAINBOW BLEND	Varies	Varies	Varies	Fresh Market		A stunning mixture of colors, red, white, orange, yellow, and purple. Delicious whether eaten hot, cold, cooked or pickled. Try steaming the tender stems and leaves as an alternative to spinach or chard. Gourmet blend for specialty or farmers markets.
97968	SUMO <i>Hybrid</i> 	100-110	10"x3+"	Healthy Tops	Dicer, Processing		Early maturing extra large carrot is perfect for dicing! Great color and flavor. Excellent, healthy tops with strong attachment.
90354	VOLCANO <i>Hybrid</i>	Late	8-9"	13-15", Strong	Imperator, Cello, Fresh Market, Processing, Storage	HR:Ad IR:Ps	Long smooth root carries to a blunt tip with an excellent attachment that is suitable for easy pulling. Healthy tops resist frost and roots bury in soil for reduced green shoulders. Capable for long storage.



CARROT PRICING

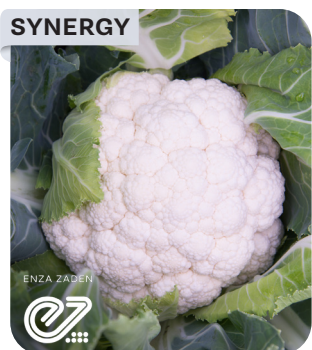
Item #	Variety	Code pg 2	Price per M				M=1,000 Seeds			
			10 M	250 M	1000 M	5000 M	10 M	250 M	1000 M	5000 M
81410	Bolero	Trt/Film	1.62	0.89	0.81	0.77				
77153	Bolero	Unt/Pel	1.79	0.98	0.89	0.85				
85454	Jacinto	Trt	1.05	0.58	0.53	0.50				
83941	Rainbow Blend	Trt/Pel	1.95	1.07	0.98	0.93				
98106	Sumo	Fl400/Pel	2.84	1.55	1.42	1.35				
97968	Sumo	Trt/Film	1.89	1.04	0.95	0.90				
90354	Volcano	Unt	2.06	1.13	1.03	0.98				

Prices subject to change without notice.

CAULIFLOWER

WHITE | HYBRID

Item #	Variety	Days (TP) ↓	Head Type	Plant Type	Harvest Season	Features
94167	MELROSE RZ	65	Dome, Dense	Large	Summer, Fall	Quick summer variety. Good self-cover for its speed. Vigorous. Tip burn tolerant.
84474	SYNERGY	75	Dome, Dense	Large, Good Cover	Summer, Fall	Dense, firm heads suitable for fresh market or processing. Large plants ensure a good head cover. Widely adaptable for summer and fall production.
84468	SHAKARIS	75-80	Dome	Medium, Self Wrap	Late Summer, Fall	Heavy and bright white with a fabulous spiraling internal wrap.
81143	TWISTER	75-80	Dense	Strong, Excellent Wrapper	Late Spring, Early Summer, Fall	Stands out with quality and beauty! Heads are tight, white and heavy with good internal wrap. Mid-maturing with very uniform harvests and flaunts near perfect appearance when grown in slot.
84471	SIERRA MADRE RZ	85-90	Large, Dense	Medium, Self Wrap	Late Summer, Fall	Ability to harvest under hotter conditions. Very large, dense white heads. Self wrapping plant to protect head.



VARIOUS COLORS | HYBRID

Item #	Variety	Days (TP) ↓	Color/Head Type	Plant Type	Harvest Season	Features
67522	DEPURPLE	65-70	Purple, Dome, Dense	Erect, Vigorous	Spring, Fall	Brilliant violet-purple curds 6-7 inches. Large, heavy heads that hold their color well even after being cooked.
70197	FLAME STAR	70	Orange, Dome, Dense	Medium-Large	Spring, Late Summer, Fall,	Produces attractive, smooth domed, dense, golden-orange heads. Easy to grow. High yielding.
88207	CLEMENTINE	70-75	Orange	Vigorous, Healthy, Reliable	Spring, Fall	Very attractive deep orange color with firm curds and excellent quality. Great for fresh and processing markets.
57089	VITAVERDE RZ	75	Green, Dome	Medium, Erect	Summer, Fall	Nice firm green curd. Not prone to riciness. Good vigor. Best suited to harvest from late Spring to Fall. Heavy heads are uniform in size and shape.
80925	26-701 RZ	75-78	Green Romanesco, High Dome	Vigorous	Spring, Summer, Fall, Winter	Dark green, pointed Romanesco bred to handle the heat. Capable to harvest in any season. Strong, vigorous plant type, excellent quality curd. Exciting!

CAULIFLOWER PRICING

Item #	Variety	Code pg 2	Price per M				M=1,000 Seeds			
			1 M	10 M	50 M	100 M	1 M	10 M	50 M	100 M
WHITE										
94167	Melrose RZ	Trt	29.50	28.00	26.85	25.42				
84468	Shakaris	Trt	20.80	19.70	18.90	17.90				
84471	Sierra Madre RZ	Trt	15.65	14.85	14.25	13.49				
64966	Steady	Trt	20.45	19.40	18.60	17.60				
84474	Synergy	Trt	21.00	19.90	19.10	18.08				
81143	Twister	Trt	18.10	17.15	16.45	15.57				
86407	Twister	Trt/Pel	17.95	17.05	16.35	15.47				
81679	Twister	Unt	18.10	17.15	16.45	15.57				
VARIOUS COLORS			250 sds	1 M	10 M	50 M	100 M			
80925	26-701 RZ	Trt	26.70	89.00	84.40	80.95	76.70			
88207	Clementine	Trt	30.60	102.00	96.70	92.75	87.90			
67522	Depurple	Trt	30.40	101.25	96.00	92.10	87.26			
70197	Flame Star	Trt	30.40	101.25	96.00	92.10	87.26			
57089	Vitaverde RZ	Trt	9.45	31.45	29.85	28.65	27.11			



Prices subject to change without notice.

CELERIAC » CELERY » CHICORY » CILANTRO/CORIANDER

CISKO RZ



CELERIAC

OPEN POLLINATED

Item #	Variety	Days	Features
48263	CISKO RZ	107	Very productive and stays white. Firm, clean root with strong celery taste. Roots are concentrated on bottom of bulb for easy cleaning.

CELERIAC PRICING

Item #	Variety	Code pg 2	Price Per M				M=1,000 Seeds
			1 M	10 M	50 M	500 M	
48263	Cisko RZ	Trt/Pr/Pel	29.75	27.45	25.15	22.94	

Prices subject to change without notice.

COMMAND



CELERY

OPEN POLLINATED

Item #	Variety	Days	Resistance/ Tolerance	Features
94172	COMMAND	90 Warm, 115 Cold	IR: Foa T: Bolt	A tall fresh market celery with dark green foliage and reduced suckering. The bunch is compact and tends to be blocky with good petiole length.

CELERY PRICING

Item #	Variety	Code pg 2	Price Per M			M=1,000 Seeds
			10 M	50 M	500 M	
94172	Command	Unt/Pel	4.15	3.80	3.44	

Prices subject to change without notice.

SEMPER



CHICORY

OPEN POLLINATED

Item #	Variety	Features
84458	SEMPER	A larger framed, more voluminous, improved Catalogna type chicory. Also known as Italian dandelion.

CHICORY PRICING

Item #	Variety	Code pg 2	Price Per LB		
			1/4 lb	1 lb	10 lb
84458	Semper	Unt	13.45	40.10	36.95

Prices subject to change without notice.

CILANTRO / CORIANDER

OPEN POLLINATED

Item #	Variety	Features
82155	COMMANDER	A strong variety with very vigorous, erect, thicker healthier leaves than other varieties. Produces uniform and highly aromatic dark green sprouts with excellent appearance. Additional tolerance to bolting in heat and yellowing in rainy conditions. Superior field and post harvest quality with high yields. Suitable for ground or pot production.
84500	SANTO	Proven performance has made Santo a grower favorite. High yields, attractive deep green leaves.

COMMANDER



SANTO



CILANTRO / CORIANDER PRICING

Item #	Variety	Code pg 2	Price Per LB		
			1 lb	10 lb	25 lb
82155	Commander	Trt	11.90	10.80	10.25
70412	Marino	Unt	9.25	8.40	7.98
84500	Santo	Trt	13.90	12.60	12.00

Prices subject to change without notice.

COLLARD

HYBRID

Item #	Variety	Days (DS) ↓	Height/Plant Type	Leaf Type	Market Use	Features
FLAS	FLASH	70	Medium Tall, Upright, Open	Smooth, Dark Green	Fresh Market, Processing	Hybrid Vates type. Quick re-growth and very slow to bolt. Good for stripping, bunching and processing.
81400	TOP BUNCH 2.0	70	16-26", Tall, Upright	Lightly Savoy, Broad, Blue-Green	Fresh Market, Processing	Improved uniformity over Top Bunch. Lightly savoyed leaves are quick to regrow after cutting for stripping and bunching.
84365	HI-CROP	70-75	16-24", Medium Tall, Upright	Savoy, Dark Blue-Green	Fresh Market, Processing	Very large, heavy, thick, savoy, blue-green leaves. Tolerates heat and cold! Slow bolting.
87932	TOP CHOP	74	Upright	Smooth, Broad, Flat, Dark Green	Fresh Market, Processing	Great uniformity, upright habit, and large, wide leaves for bountiful harvest. Fast re-growth and high yields. Slow to bolt and works well in the overwinter slot.
109252	CASH CROP 	75	Vigorous, Upright	Smooth, Flat, Dark Green	Fresh Market	Excellent re-growth rates with high leaf count. It can be stripped as early as 50 days from transplant and allowed to regrow. Long petioles ideal for bunching. High tolerance to bolting.



COLLARD PRICING



Item #	Variety	Code pg 2	Price per M or LB M=1,000 Seeds				
			10 M	50 M	100 M	1000 M	4000 M
109252	Cash Crop	Trt	5.14	4.83	4.74	4.60	4.51
84365	Hi-Crop	Trt	4.50	4.23	4.15	4.03	3.95
			1 oz	1/4 lb	1 lb	10 lb	50 lb
FLAS	Flash	Trt	40.55	120.80	371.65	358.70	340.00
53229	Flash	Unt	40.55	120.80	371.65	358.70	340.00
81400	Top Bunch 2.0	Trt	41.25	122.95	378.20	365.05	346.00
87932	Top Chop	Trt	39.60	117.95	362.90	350.30	332.00
91329	Vates	Trt		8.55	26.25	25.35	24.00

Prices subject to change without notice.

CORN, ORNAMENTAL & POPCORN



ORNAMENTAL CORN | HYBRID & OPEN POLLINATED

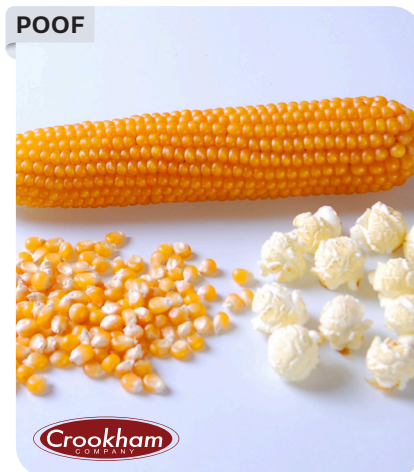
 Indicates varieties that can also be used as popcorn

Item #	Variety	Days	Ear Length ↓	Features
61285	CAROUSEL <i>Mini</i>	 110	4"	Miniature ears with colorful kernels.
69396	RED HUSK SPECTRUM <i>Mini</i>	 100	6"	A unique popcorn with a high percentage of red stalks and husks. Stalk grows to 9' and will stand tall late in the season. Improved plant, stalk, cob size, colors and yield over Carousel.
31479	FIESTA <i>Hybrid</i>	90	7-10"	Earlier maturity and shorter stalks than standard Indian Corn. Expect 50% purple husks. Attractive mixture of yellow, red, white, blue, and variegated kernels.
84674	GORGEOUS INDIAN <i>Hybrid</i>	107	8.5-9"	This may be the prettiest Indian corn you have ever seen. Thus the name, Gorgeous! Sturdy plant with uniform ears and high production.
87594	ULTRA RAYS <i>Hybrid</i>	104	9-11"	An early maturing dazzling hybrid that has beautiful multi-colored glossy ears on a sturdy stalk. Many rich unique colors that are sure to get your customers attention.
107675	AMERICAN WAY	115	10-13"	A very large Indian corn with beautiful ears, good tip fill, and excellent yields that has become popular with fresh market growers.
84673	DAZZLING SUNSET <i>Hybrid</i>	110	10-13"	Glossy kernels on a big ear with a good husk attachment and dazzling color combinations.



POPCORN | HYBRID

Item #	Variety	Days ↓	Ear Length	Resistance/Tolerance	Features
84701	R128YH <i>Yellow</i>	 105	7-8"	IR:Et, Ps	Yellow Hulless. Exceptional good eating popcorn with very minimal hull. Tall sturdy plant with high yields. High resistance to Goss's Wilt.
84702	POOF (R400MR) <i>Yellow Mushroom</i>	 110	5-8"	HR:Et, Ps	Extra large popped kernels are mushroom shaped which is more resistant to breakage. High yielding. High resistance to Goss's Wilt.



— ORNAMENTAL CORN & POPCORN PRICING —


Item #	Variety	Code pg 2	Price per M or LB M=1,000 Seeds				
			1/2 lb	1 lb	5 lb	25 lb	50 lb
ORNAMENTAL CORN							
107675	American Way	Trt	12.80	24.95	16.95	16.70	16.45
84670	Bloody Butcher	Unt	9.10	15.10	14.20	13.80	13.35
61285	Carousel	Trt	10.55	16.95	15.90	15.45	15.00
84671	Cherry Berry	Unt	14.00	22.55	21.15	20.55	19.95
84673	Dazzling Sunset	Trt	10.00	16.05	15.10	14.65	14.20
31479	Fiesta	Trt	9.00	14.50	13.60	13.20	12.80
84674	Gorgeous Indian	Trt	10.00	16.05	15.10	14.65	14.20
69396	Red Husk Spectrum	Unt	10.90	17.55	16.45	16.00	15.50
87594	Ultra Rays	Trt	10.00	16.05	15.10	14.65	14.20
POPCORN			2.5 M	10 M	30 M	100 M	
84702	Poof (R400MR)	Trt		7.03	5.97	5.72	5.45
84701	R128YH	Trt		2.97	2.52	2.41	2.30

Prices subject to change without notice.

sales@gowanseed.com

SWEET CORN - BICOLOR SH2


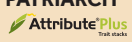
BICOLOR SUPERSWEET | HYBRID

Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
84492	CATALYST XR <i>Xtra-Sweet™</i>	66	6.25'	27"	7.5-8"	14-18	HR:Ps:RpGDJ	Earliest supersweet on the market with good vigor, admirable ear size, strong tip fill, outstanding kernel color and sweetness. Perfect for early fresh markets and shipping.
93610	BOLT XR <i>Xtra-Tender™</i>	67	5.1'	16"	7-7.5"	14-18	HR:Ps:RpG IR:Et	First early fresh market with superior eating quality. Excellent husk coverage and tip fill. Dark green husk package and excellent ear size make Bolt XR ideal for local ship and roadside markets.
84588	KICKOFF XR <i>Xtra-Tender™</i>	69	6'	28"	7.75-8.5"	16-18	HR:Ps:RpG IR:Et	A second early in a successful sh2 bicolor program. Strong plant, excellent husk package, large ears with good tip fill, and impeccable great taste.
84581	274A <i>Xtra-Tender™</i>	71	6'	26"	7.75-8.25"	16-18		Sturdy plant with attractive husk package. Very tender and sweet. Good emergence, vigor and uniformity.
84586	HERO XR <i>Xtra-Tender™</i>	71	5.2'	24"	7.25-7.5"	14-18	HR:Ps:RpGDJ IR:Et	Strong seedling vigor, is an excellent choice for a second early. The husk protection and ear shape improve on commercial standards for early markets. Will be the Hero during the early season.
84589	SIGNATURE XR <i>IFSI Reserve™</i>	72	6.5'	27"	7.5-8.25"	16-18	HR:Ps:RpGDJ	Has phenomenal eating quality. An attractive husk, excellent holding ability in the field, strong husk cover, and great ear size make Signature XR the choice for quality driven fresh markets.
76818	ANTHEM XR <i>Xtra-Tender™</i>	73	5.3'	20"	7.5-8"	16-18	HR:Ps:RpG IR:Et	Tender and sweet with great eating quality. Good color and tip fill with high yields. Perfect for shipping and local markets.
64977	NIRVANA 	74	6.6'	24"	8"	16-18		Exceptional taste and texture with above average strength and emergence. High yielding, easy snap, tip filled ears and great eating quality.



SWEET CORN – BICOLOR SH2

BICOLOR SUPERSWEET | HYBRID (Continued from previous page)

Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
84591	SUPERB MXR <i>Xtra-Tender™</i>	74	6'	28"	7.5-8"	16-18	HR:MDMV, Ps:RpG IR:Et	Very good sweetness and flavor. Strong yields with improved husk length and protection. Ability to handle difficult growing seasons make it an excellent choice for mid-season fresh and shipping markets.
88208	EPIPHANY 	74-75	6.3'	25"	8"	16-18	HR:Et, MDMV, Ps:RpGFJ	Improved Nirvana with an elevated disease package, larger barrel, higher ear placement for ease of harvest; same unique great flavor, and texture that have people saying "Wow" after their first bite.
93574	TROUBADOUR XR <i>IFS Reserve™</i>	76	6.5'	29"	7.5-8.5"	16-18	HR:Ps:RpG	Exceptional eating quality with ideal ear size and shape for roadside stands. Determinate tip fill and strong lodging resistance. Excellent husk protection with good flag leaves.
85215	BSS1075	77	6.5'	24"	7.75"	18	HR:Ps:Rp1-i	Strong plant with uniform, attractive ears. A perfect shipping corn.
59366	AP 358	78	6'	23"	8"	16-18	IR:Et, Pst	High quality with good uniformity in ear size, shape, and tip fill. Quality of its taste, texture and bite will excite any consumer. Sell at a higher price point because of the increased quality.
88210	CADENCE XR <i>Xtra-Tender™</i>	78	6.5-7'	25"	7.5-8.25"	16-20	HR:Ps:RpG IR:Et	Xtra-Tender eating quality with large ears, attractive husk package and good flag leaves. Ideal full season for roadside markets.
85227	PATRIARCH 	78	6'	33"	8"	16-18	HR:Ps:Rp1-G IR:Et, MDMV	Great taste, excellent tip fill and high yields. Tolerant to Liberty (glufosinate) herbicide. Agreement form or license number required. See page 34 for Attribute details.
83587	HONOR XR <i>Xtra-Sweet™</i>	80	7'	30"	7.25-8.25"	14-16	HR:Ps:RpG IR:Et	Determinate tip fill and ideal ear size for full season shipping markets. Strong, sturdy plant which contributes to high yields.

Continued on next page →

SUPERB MXR



EPIPHANY



TROUBADOUR XR



BSS1075



AP 358



CADENCE XR



PATRIARCH




HONOR XR



SWEET CORN – BICOLOR SH2 » YELLOW SH2

BICOLOR SUPERSWEET | HYBRID (Continued from previous page)

Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
91069	REDEMPTION XR <i>Xtra-Tender™</i>	80	6.3'	27"	7.5-8.25"	16-18	HR:Ps:RpG IR:Et	Robust plant type with exceptional husk protection. One-of-a-kind variety that can be planted in all seasons, soils, and regions. An ideal variety for full season fresh and shipping markets. Gowan Exclusive!
88211	SALUTE XR <i>Xtra-Tender™</i>	80	6.5'	27"	7.25-8.25"	16-18	HR:Ps:RpGDJ IR:Et	Exceptional husk protection and a short shank. Xtra-Tender eating quality with excellent kernel color. An ideal ear size, cob diameter, and yield make Salute a perfect choice for bicolor shipping markets. Gowan Exclusive!
107807	STAMINA MXR <i>Xtra-Tender™</i> 	80	6.5'	28"	7.5-8.25"	16-18	HR:MDMV, Ps:RpG IR:Et	Superior eating quality of large, refined ears boasting excellent husk coverage for that extra layer of defense, plus outstanding tip fill. Great for roadside markets.
88300	COURAGE MXR <i>Xtra-Tender™</i>	82	6.5'	27"	7.25-8"	16-20	HR:MDMV, Ps:RpG	Strong plant that resists lodging and handles the stress of Fall and Winter plantings with improved length and barrel size. Determinate tip fill and great husk cover for excellent shipping. Very good sweetness and flavor.

REDEMPTION XR



SALUTE XR



COURAGE MXR



STAMINA MXR



YELLOW SUPERSWEET | HYBRID

SPRINTER XR



TAKEOFF MXR



ICON XR



SWEET CORN - YELLOW SH2


YELLOW SUPERSWEET | HYBRID

Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
86606	SPRINTER XR <i>Xtra-Tender™</i>	67	5.75'	23"	7-7.75"	14-16	HR:Ps:RpGDJ IR:Et	Early supersweet with excellent tip fill and husk protection. Sweet and tender with great kernel appearance. Perfect for local and shipping markets.
93577	TAKEOFF MXR <i>Xtra-Tender™</i>	69	6'	28"	7.5-8.5"	16-18	HR:MDMV, Ps:RpGDJ	First early, excellent ear size, package and taste. Strong seedling vigor with good husk protection. Amazing variety and a sister to bicolor Kickoff.
88837	ICON XR <i>IFSI Reserve™</i>	72	6.5'	26"	7.5-8.25"	14-18	HR:Ps:RpG	Exceptional eating quality, improved great husk protection, ear length, and tip fill under stress. Perfect for high quality fresh markets and roadside stands.
76819	4974 VX <i>Xtra-Tender™</i>	73	6-6.5'	23"	7.5"	16-18	HR:MDMV	Great mid-season for fresh market. Consistent ear size and plant performance across variable environments. Dark green husk package with strong husk protection.
84632	VISION MXR <i>IFSI Reserve™</i>	75	5.5'	20"	8"	16-18	HR:MDMV, Ps:RpGDJ	Improved Vision with increased disease resistance. The same exceptionally tender and sweet large attractive ears. A roadside, local market "must have".
83017	GSS1170	78	7'	26"	7.5"	16	HR:Et, Ps:Rp1-i	An exceptional and proven consistent main season shipping style corn. Nice package, good tip fill, strong plant and high yields.
85361	PROTECTOR <i>Attribute II</i> <small>Trait stacks</small>	79	6.5'	24-28"	8"	18	HR:Bm, Et, MDMV, Ps:Rp1-d,Rp1-i, Pst	Strong husk protection, straight rowing and excellent tip fill on uniform ears ideal for shipping. Consistently high yields. Great disease package. Tolerant to Liberty (glufosinate) and glyphosate herbicides. Agreement form or license number required. See page 34 for Attribute details.
83586	ALLIANCE <i>Xtra-Sweet™</i>	80	6.5-7'	30"	7.75-8.5"	14-16	IR:Et	Has ideal ear size and excellent yield, making this variety perfect for shipping markets. Dark green husk package and determinant tip fill.
83425	ASTRONAUT	80	6'	30"	7.3"	20	HR:Et IR:Bm, Ps:Rp1d	Excellent tip fill and vigor with a strong plant and high ear placement. Good husk cover and flags with attractive color. An excellent fresh market shipping variety. Gowan Exclusive!
84631	SEMINOLE GOLD <i>Xtra-Tender™</i>	80	7'	28"	7-8"	16-18	IR:Et	Strong plant, excellent husk cover and tip fill. The perfect size ear for shipping markets. Excellent appearance and high eating quality. It will perform and yield best at higher populations +/- 30,000.



SWEET CORN - WHITE SH2

WHITE SUPERSWEET | HYBRID

Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
88831	LEADOFF MXR <i>Xtra-Tender™</i>	69	6'	23"	7.25-8"	16-18	HR:MDMV, Ps:RpGDJ	Early maturing with Superior eating quality. High kernel row count and good white color. Excellent disease package and very good husk protection.
84601	3572 VX <i>Xtra-Tender™</i>	71	6'	26"	7.5-8.5"	16-18	HR:MDMV	Top choice for local markets. Early maturing with large ears that taste great. Excellent seedling vigor, great husk package and beautiful kernels.
89303	ENDURANCE MXR <i>Xtra-Tender™</i>	73	5.8'	28"	7.5-8"	16-20	HR:MDMV, Ps:RpG	Large ear with great taste. Excellent field holding ability, great husk protection, and has tolerance to heat-related stress. Ideal for mid-season fresh and shipping markets.
64325	EDEN RMN 	74	6.5'	26"	8"	16-18	HR:Et, Ps:RpGFJ	Extraordinary crispness and flavor, large ear of pearl white kernels. Great vigor, and short shank makes it easy to quickly pick and pack. Improved Eden with a taller plant, higher ear placement and elevated disease package.
66358	XTH3674 <i>Xtra-Tender™</i>	74	5.5'	22"	7.75-8.25"	16-18	IR:Et	Good seedling vigor and yields. Can be used for both local and shipping markets.
76823	XTH3774 <i>Xtra-Tender™</i>	74	5.5'	22"	7.75-8.25"	16-18	HR:MDMV	Good seedling vigor, paired with a great husk package and strong yields make this an excellent choice for both local and shipping markets. Gowan Exclusive!
84610	XTH3174 <i>Xtra-Tender™</i>	76	6'	29"	7.5-8"	16-18	IR:Et	Tender, sweet with good ear size and quality for mid-season harvest. Dark green husks, easy to snap. Excellent plant vigor and yield potential.
67681	378A <i>Xtra-Tender™</i>	78	6.5'	25"	7.75-8.5"	16-18	IR:Et	Proven performance. Strong plant with good fill, attractive flag leaves and shipping style ears.
77374	GLACIAL	79	6'	26"	8"	16-18	HR:Et, Ps	Big ears with excellent fill. Incredible white kernels that stay white. Excellent eating quality.
85442	PLATINUM XR <i>Xtra-Tender™</i>	80	6.5'	24"	7.5-8.25"	16-18	HR:Ps:RpGDJ IR:Et	Great eating quality. Full season with good husk protection, tip fill, and ear size. Industry leading bright white kernel color.

LEADOFF MXR



3572 VX



ENDURANCE MXR



EDEN RMN



XTH3674



XTH3774



WHITE SUPERSWEET | HYBRID

XTH3174



378A



GLACIAL

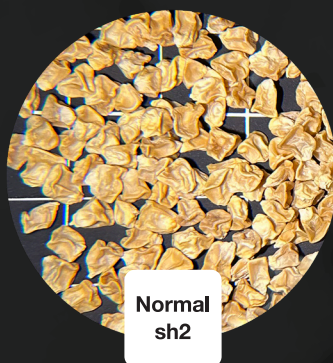


PLATINUM XR



NIRVANA - EDEN RMN - SOLSTICE

Did you know that Nirvana, Eden RMN and Solstice have the added bonus of the sh2i Gene?



Normal
sh2

- 28% Difference in Weight
- Better Planting Flow
(less skips - fewer doubles)
- Increased Seed Vigor - Year to Year



- ✓ Taste + Texture = Customer Loyalty
- ✓ Consistency + Appearance
- ✓ Holding Capacity
- ✓ Easy Pick n Pack
- ✓ Emergence



Nirvana



Eden RMN



SEEDING IDEAS.
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Solstice

SWEET CORN – SH2 PRICING » BICOLOR SE

BICOLOR SH2 PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds				
			2.5 M	25 M	50 M	100 M	500 M
85322	2472 XR	Cr	10.45	9.75	9.40	8.80	8.60
84581	274A	Cr	14.00	13.10	12.60	11.80	11.55
84567	8102R Plus	Cr	7.90	7.35	7.10	6.65	6.50
76818	Anthem XR	Cr	14.85	13.90	13.40	12.55	12.25
59366	AP 358	Cr	15.20	14.20	13.70	12.85	12.55
93610	Bolt XR	Cr	15.65	14.60	14.10	13.20	12.90
85215	BSS1075	Cr	11.60	10.85	10.45	9.80	9.57
88210	Cadence XR	Cr	14.40	13.50	13.00	12.15	11.90
84585	Caliber XR	Cr	13.80	12.90	12.45	11.65	11.40
84492	Catalyst XR	Cr	14.80	13.80	13.35	12.50	12.20
88300	Courage MXR	Cr	10.95	10.20	9.85	9.20	9.02
85250	Crave	Cr	9.85	9.15	8.85	8.30	8.10
88208	Epiphany	Cr	15.15	14.15	13.65	12.80	12.50
85112	Euphoria	Cr	11.65	10.85	10.50	9.80	9.60
85113	Everglades	Cr	12.25	11.45	11.05	10.35	10.10
85118	Grizzly	Cr	10.15	9.45	9.10	8.55	8.35
84586	Hero XR	Cr	14.55	13.60	13.10	12.30	12.00
83587	Honor XR	Cr	10.80	10.10	9.70	9.10	8.90
84588	Kickoff XR	Cr	14.95	14.00	13.50	12.65	12.35
64977	Nirvana	Cr	14.95	14.00	13.50	12.65	12.35
85227	Patriarch - Attribute Plus	Cr	22.35	19.85			
91069	Redemption XR	Cr	12.05	11.25	10.85	10.15	9.95
88211	Salute XR	Cr	12.05	11.25	10.85	10.15	9.95
85608	SCH96064	Cr	8.85	8.25	7.95	7.45	7.30
84589	Signature XR	Cr	15.25	14.30	13.75	12.90	12.60
84590	Solstice	Cr	15.50	14.50	14.00	13.10	12.80
84301	Sovereign	Cr	10.65	9.95	9.60	9.00	8.80
107807	Stamina MXR	Cr	14.95	14.00	13.50	12.65	12.35
84591	Superb MXR	Cr	14.75	13.75	13.30	12.45	12.15
87135	Superb MXR	Unt	14.75	13.75	13.30	12.45	12.15
93574	Troubadour XR	Cr	15.55	14.55	14.05	13.15	12.85

Supersweet SH2 Notice!

It is recommended that SH2 varieties be sown in soil that maintains a temperature of at least 60 degrees Fahrenheit.

YELLOW SH2 PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds				
			2.5 M	25 M	50 M	100 M	500 M
76819	4974 VX	Cr	14.40	13.50	13.00	12.15	11.90
84565	Accentuate	Cr				8.30	8.12
83586	Alliance	Cr	10.85	10.15	9.80	9.15	8.95
83425	Astronaut	Cr				9.80	9.60
91607	Gallant MXR	Cr	11.10	10.35	10.00	9.35	9.15
83017	GSS1170	Cr	11.65	10.85	10.50	9.80	9.60
88837	Icon XR	Cr	15.25	14.30	13.75	12.90	12.60
85361	Protector - Attribute II	Cr	22.07	19.57			
84631	Seminole Gold	Cr	11.30	10.55	10.15	9.50	9.30
86606	Sprinter XR	Cr	11.80	11.05	10.65	9.95	9.75
85362	SS3741	Cr	11.80	11.00	10.65	9.95	9.73
93577	Takeoff MXR	Cr	14.95	14.00	13.50	12.65	12.35
84632	Vision MXR	Cr	14.75	13.75	13.30	12.45	12.15
85255	Vista XR	Cr	11.05	10.30	9.95	9.30	9.10
84633	XTH1572	Cr	14.85	13.90	13.40	12.55	12.25

Prices subject to change without notice.

WHITE SH2 PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds				
			2.5 M	25 M	50 M	100 M	500 M
84600	3473	Cr	14.05	13.15	12.70	11.85	11.60
84601	3572 VX	Cr	10.75	10.00	9.65	9.05	8.85
67681	378A	Cr	13.80	12.90	12.45	11.65	11.40
64325	Eden RMN	Cr	15.70	14.65	14.15	13.25	12.95
89303	Endurance MXR	Cr	14.40	13.50	13.00	12.15	11.90
77374	Glacial	Cr	12.90	12.05	11.65	10.90	10.66
93777	Guardian XR	Cr				9.35	9.15
88831	Leadoff MXR	Cr	14.95	14.00	13.50	12.65	12.35
85442	Platinum XR	Cr	15.05	14.05	13.55	12.70	12.40
84609	Resolve VX	Cr	14.05	13.15	12.70	11.85	11.60
84610	XTH3174	Cr	11.10	10.35	10.00	9.35	9.15
66358	XTH3674	Cr	14.35	13.40	12.95	12.10	11.85
76823	XTH3774	Cr	14.20	13.25	12.80	11.95	11.70

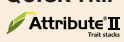
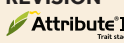


SWEET CORN – BICOLOR SE

BICOLOR SUGAR ENHANCED | HYBRID



SWEET CORN - BICOLOR SE

BICOLOR SUGAR ENHANCED | HYBRID

Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
84595	LATTE	68	5'	16"	7.5-8"	14-16		Very good eating quality with ear size and length for an early variety.
84597	SWEETNESS	68	6'	18"	8"	14-16	IR:Et, Ps, Pst	Great eating quality, early with good soil vigor, ear size, and tip fill.
84598	TEMPRESS	70	6.4'	20"	8"	16	HR:MDMV, Ps:RpGDJ IR:Et	Incredible vigor, sturdy plant, and excellent ear size placed well above the soil line. QuadSweet genetics (synergistic) make this variety very tasty!
85254	QUICK TRIP 	71	5.5'	19"	7.5"	14-16		First early season TripleSweet eating quality with the Attribute II trait stacks. Good vigor, tip fill and husk cover. Ideal for fresh local markets in the U.S. and Canada. Tolerant to Liberty (glufosinate) and glyphosate herbicides. Agreement form or license number required. See page 34 for Attribute details.
84593	ALLURE	75	6.5-7'	19"	8"	16-18	IR:Ps:Rp1-d, Pst	Synergistic bicolor with excellent eating quality! Produces a very refined ear, strong tip fill, good husk cover and great flag leaves. Perfect for those growers whose consumers demand quality.
84599	AMBROSIA	75	6.3'	28"	8"	14-16	HR:Pst IR:Et	Bicolor Bodacious type. Dark green husks and easy to pick. Under stress may tip blank.
84594	ESSENCE	79	6.5'	27"	8-8.5"	16-18	IR:Et, Ps:Rp1-d, Pst	Very high eating quality with tender ears. Excellent flag leaves and husk cover. Plants are tall and strong, a must have for your sweet corn program.
107966	REVISION  	80	N/A	N/A	8.2"	16-18		High quality eating experience with TripleSweet flavor and tender bite. Appealing husk package including strong tip fill, excellent husk coverage and plentiful flags. Tolerant to Liberty (glufosinate) and glyphosate herbicides. Agreement form or license number required. See page 34 for Attribute details.
85333	PRIMUS	81	6.5'	24"	8-8.5"	14-16	HR:Bm IR:Pst	Main-season variety is the next generation of super high eating quality, TripleSweet™ Plus. It will bring your customers back for more.
85171	PROVIDENCE	82	6.5'	24"	8"	14-18	HR:Ps:Rp1-d,e,g,i IR:Bm	TripleSweet™ variety with long, well filled ears. Medium green husks and extraordinary flavor.
79104	REMEDY 	82	6.5'	24"	8.5"	14-16		Outstanding TripleSweet eating quality of long ears with tender, sweet kernels. Excellent tip fill and good husk cover. Consistent high yield and performance. Tolerant to Liberty (glufosinate) and glyphosate herbicides. Agreement form or license number required. See page 34 for Attribute details.



SWEET CORN – YELLOW SE » WHITE SE

YELLOW SUGAR ENHANCED | HYBRID

Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
84634	CAFÉ	68	6'	21"	7.5-8"	14-16	IR:Ps:Rp1-d, Pst	Early maturing yellow synergistic with strong vigor, tip fill and very good eating quality.
89463	HONEY SELECT	79	7'	26"	8.5"	18-20	IR:Pst	AAS Winner! Receives rave reviews for its outstanding flavor, size, and appearance. Exceptional tenderness, sweetness and added shelf-life.
84635	INCREDIBLE R/M	85	8'	30"	9.5"	18	HR:MDMV, Ps:RpG15, IR:Pst	Main-season variety with big, flavorful ears. Widely adapted with proven performance.



SWEET CORN - WHITE SE

WHITE SUGAR ENHANCED | HYBRID

Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
84629	ILLUSION	72	6.5'	18"	7.5-8"	14-16	IR:Et, Ps, Pst	Early maturing synergistic with a strong dark green plant, good tip fill and great flavor.
84630	MIRAGE	79	6'	20"	8-8.5"	16	HR:Ps:Rp1-D IR:Et, Pst	Synergistic that produces high sugars in the later season. Tall and strong plant. Dark green husk, strong tip fill and fantastic eating quality.
85462	MILKY WAY <small>Attribute^{PLUS}</small>	82	7'	35"	8-8.5"	14-16		Produces consistent yields of high-quality ears with exceptional TripleSweet eating quality. Tolerant to Liberty (glufosinate) herbicide. Agreement form or license number required. See page 34 for Attribute details.



SWEET CORN - SE PRICING

BICOLOR SE PRICING

Item #	Variety	Code pg 2	Price per M					M=1,000 Seeds
			2.5 M	25 M	50 M	100 M	500 M	
84593	Allure	Cr	13.50	12.65	12.20	11.40	11.15	
86223	BC0528 - Attribute	Cr		15.86				
86222	BC 0805 - Attribute	Cr		15.26				
85172	Cappuccino	Cr	13.40	12.50	12.05	11.30	11.05	
79367	Cuppa Joe	Cr	13.10	12.25	11.80	11.05	10.80	
84594	Essence	Cr	13.70	12.80	12.35	11.55	11.30	
85136	Kristine	Cr	12.60	11.80	11.35	10.65	10.40	
84595	Latte	Cr	14.10	13.20	12.75	11.90	11.65	
84596	Nectar	Cr	13.25	12.40	11.95	11.20	10.95	
85333	Primus	Cr	14.05	13.15	12.65	11.85	11.59	
88924	Progression	Cr	12.30	11.50	11.10	10.40	10.15	
85171	Providence	Cr	10.70	10.00	9.65	9.05	8.83	
85254	Quick Trip - Attribute II	Cr	22.22	19.72				
79104	Remedy - Attribute II	Cr	22.19	19.69				
107966	Revision - Attribute II	Cr	22.58	20.08				
84597	Sweetness	Cr	12.45	11.60	11.20	10.50	10.25	
84598	Tempress	Cr	13.05	12.20	11.75	11.00	10.75	
93549	Tenderfoot	Cr	12.80	11.95	11.55	10.80	10.55	
			1 lb	5 lb	25 lb	100 lb	500 lb	
84599	Ambrosia	Cr	21.20	20.25	19.10	18.40	17.80	
85116	Trinity	Cr	21.40	20.45	19.25	18.55	17.95	

The Benefits of Cruiser® Treatment for Sweet Corn

Gowan Seed offers Cruiser seed treatment as our standard treatment for sweet corn seeds.

- Proven to increase plant stands, uniformity and vigor, and improve yield potential
- Provides excellent activity against a broad spectrum of insect pests
- Reduces stress on young seedlings
- Helps optimize seeding rates by protecting every seed to ensure plant establishment
- Easy to use and conveniently delivered on the seed, eliminating the need for any additional handling



YELLOW SE PRICING

Item #	Variety	Code pg 2	Price per M or LB					M=1,000 Seeds
			2.5 M	25 M	50 M	100 M	500 M	
84634	Café	Cr	13.90	12.95	12.50	11.70	11.45	
89463	Honey Select	Cr	8.35	7.80	7.50	7.05	6.88	
			1 lb	5 lb	25 lb	100 lb	500 lb	
84635	Incredible R/M	Cr	20.20	19.30	18.20	17.50	16.95	

Prices subject to change without notice.

WHITE SE PRICING

Item #	Variety	Code pg 2	Price per M					M=1,000 Seeds
			2.5 M	25 M	50 M	100 M	500 M	
84629	Illusion	Cr	13.05	12.20	11.75	11.00	10.75	
85462	Milky Way - Attribute Plus	Cr	22.06	19.56				
84630	Mirage	Cr	12.35	11.55	11.15	10.45	10.20	

SWEET CORN ISOLATION

Supersweet (SH2) and Sugar Enhanced/Synergistic (SE) varieties must be isolated from each other to protect the sweetness, tenderness, and flavor characteristics of the sweet corn. Cross-pollination from different types of sweet corn (or other types of corn) will result in tough, starchy kernels.

Isolation can be achieved by distance or timing. Ideally, the varieties should be planted a minimum of 400 feet apart or planted with a 10-day minimum difference between the sum of the planting date difference and the maturity difference so that they are not tasseling at the same time.

Collaboration

Gowan Seed collaborates with our partners to serve you better!

Research & Development – we trial thousands of varieties from our suppliers every year in many different locations throughout the country to find the ideal varieties for your area and your specific needs.

Supply Chain Optimization – we forecast and plan to improve delivery times and mitigate risks.

Communication – we have open communication with our partners so that we can connect with the right people in the supply chain to respond quickly to changes and unexpected events.



SWEET CORN – ATTRIBUTE®



LICENSE OR AGREEMENT REQUIRED:

An Attribute® stewardship agreement form is required prior to shipping on pages 113-114. Or you can register online for a license number at www.agcelerate.com.

ATTRIBUTE® PLUS TRAIT STACK | TOLERANT TO GLUFOSINATE (LIBERTY®) HERBICIDE

Item #	Variety	Attribute® Plus Trait stacks	Color ↓	Days (DS)	Ear Length	Row Count	2.5M Pack Price	25M Bag Price
85227	PATRIARCH		Bicolor SH2	78	8"	16-18	\$55.88	\$496.25
85462	MILKY WAY		White SE	82	8-8.5"	14-16	\$55.15	\$489.00

ATTRIBUTE® II TRAIT STACK | TOLERANT TO GLUFOSINATE (LIBERTY®) and/or GLYPHOSATE HERBICIDE

Item #	Variety	Attribute® II Trait stacks	Color ↓	Days (DS)	Ear Length	Row Count	2.5M Pack Price	25M Bag Price
85254	QUICK TRIP		Bicolor SE	71	7.5"	14-16	\$55.55	\$493.00
85479	REMEDY		Bicolor SE	82	8.5"	14-16	\$55.48	\$492.25
			Under certain stress conditions, Remedy may exhibit tassels and or glumes growing out of the ear. Remedy supplemental agreement (page 114) required for purchases 100M or more.					
107966	REVISION		Bicolor SE	80	8.2"	16-18	\$56.45	\$502.00
85361	PROTECTOR		Yellow SH2	79	8"	18	\$55.18	\$489.25

Prices subject to change without notice.

ATTRIBUTE® II provides Broad-Spectrum Control of the following pests:

Beet Armyworm	Corn Earworm	Fall Armyworm	Sugarcane Borer
Black Cutworm	Dingy Cutworm	Southern Cornstalk Borer	Western Bean Cutworm
Common Stalk Borer	European Corn Borer	Southwestern Corn Borer	



PATRIARCH



MILKY WAY



QUICK TRIP



REMEDY



REVISION



PROTECTOR

Attribute® II hybrids produce a protein that increases tolerance to glufosinate and glyphosate herbicides. Attribute® Plus hybrids produce a protein that increases tolerance to glufosinate herbicides.

The Attribute® II and Attribute® Plus trait stacks from Syngenta are the latest breakthrough in above-ground insect protection for sweet corn, delivering unsurpassed control of lepidopteran pests to maximize yield, quality and productivity. They provide high performance traits to sweet corn growers, and now they have the added power of Vip3A – a unique mode of action proprietary to Syngenta. The combination of Vip3A with Cry1Ab, the protein found in Attribute insect-protected sweet corn varieties, offers excellent control of key yield-robbing insects including European corn borer, corn earworm and fall armyworm. Attribute II and Attribute Plus are also highly effective against Western bean cutworm, which has emerged as a serious and growing threat in many production areas.

Attribute® II and Attribute® Plus give growers the flexibility to cater their herbicide program to effectively address problem weeds while reaping the benefits of its superior insect control.

For more detailed information please visit: <https://www.syngenta-us.com/seeds/vegetables/commercial-sweet-corn>

OPEN POLLINATED

Item #	Variety ↓	Features
84742	CALIENTE™ ROJO Mustard	Distinctive mustard with purplish/red leaves and the highest glucosinolate production currently available. Vigorous growth with high leaf biomass and an extensive root system. A good choice for organic or conventional growers with high disease and/or nematode pressure. Seeding rate: 8-10 lbs. per acre.
86016	NEMAT/CALIENTE™ ROJO Arugula/Mustard	Arugula/mustard blend designed to enhance nematode and wireworm suppression in organic production or conventional IPM programs, while providing excellent green manure biomass for improved soil tilth and disease and weed suppression. Seeding Rate: 6-9 lbs. per acre.

Looking for a greater selection of cover crops? Call 800-845-9113 or visit osborneseed.com.



COVER CROP PRICING

Item #	Variety	Code pg 2	Price per LB				
			5 lb	25 lb	50 lb	250 lb	500 lb
84742	Caliente Rojo - Mustard	Unt	8.30	7.75	7.50	7.20	6.90
86016	Nemat/Caliente Rojo - Arugula/Mustard Blend	Unt	11.90	11.10	10.70	10.30	9.90

Prices subject to change without notice.

CUCUMBER

SLICING | HYBRID

Item #	Variety	Days (DS) ↓	Habit	Fruit Size	Resistance/Tolerance	Features
107483	TSX-CU203AS	40-45	Gynoecious	8.2x2.3"	HR:Ccu IR:CMV, Co, Pcu, Psl, Px, WMV, ZYMV	Uniform, dark green fruit with long shelf life. High quality fruit and excellent disease package make this variety the new industry standard!
86308	LISBOA	45	Parthenocarpic	9"	HR:Ccu, CVYV, Px IR:CMV, Pcu	Attractive, dark green and extremely productive. Requires no insects to pollinate and set fruit. Best for tunnel/row cover production.
83405	SUPERIOR	45	Gynoecious	9x2"	IR:Ccu, CMV, Co, Pcu, PRSV, Psl, Px, WMV, ZYMV	Uniform, dark green fruit with an excellent disease package and high yields throughout extended picks.
88756	WS-7584	58	Gynoecious	9x2.25"	IR:Ccu, CMV, Pcu, PRSV, Psl, Px, WMV, ZYMV	Early maturing, dark green, straight and attractive fruit. Strong disease package maintaining a healthy plant for multiple harvests and optimum yield of commercial quality fruit. Excellent field holding and post harvest quality.
84385	COBRA	60	Gynoecious	9.5x2"	HR:Ccu, PRSV, Psl, WMV, ZYMV IR:CMV, Co, Pcu	A market leader in gynoecious slicing cucumbers. Productive with an excellent disease package and outstanding fruit quality. Attractive, dark green color fruit that yields well on plastic and open ground production.
84387	SENIOR	60	Monoecious	8.5x2.5"	IR:Ccu, CMV, Co, Pcu, PRSV, Psl, WMV, ZYMV	Short internodes and best for high yields using trellis production. Excellent disease package.
70402	TASTY GREEN <i>Burpless</i>	62	Monoecious	9x2.25"	IR:Pcu, Px	Good tasting "Burpless" type that is grown on ground culture. Resembles European greenhouse types.

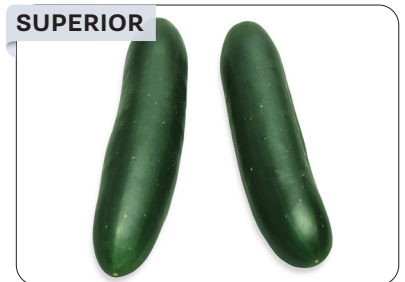
TSX-CU203AS



LISBOA



SUPERIOR



WS-7584



COBRA



SENIOR




TASTY GREEN



CUCUMBER

PICKLING | HYBRID

Item #	Variety	Days (DS) ↓	Habit	Fruit Size	Resistance/Tolerance	Features
88212	SUPER MAX	45	Monoecious	3.75x1.25"	HR:PRSV, WMV, ZYMV IR:CMV	Early maturing high quality, dark green fruit with thick skin and a small seed cavity. Vigorous plant that continues to set fruit for maximum production. Ground or Stake culture.
84388	AVENGER	48	Gynoecious	3.5x1.25"	HR:Ccu, CMV, Px IR:Cca, CVYV, PRSV, ZYMV	High productivity with great length, shape, and dark green color. Concentrated and continuous fruit setting. Multi-virus resistant.
84921	EXCELSIOR	52	Parthenocarpic	4.5x1.25"	HR:Cca, Ccu IR:CMV, CVYV, Px	Insects are not needed to set fruit under tunnels or in protected greenhouse for early or all season production. Great tasting American-style pickle.
86377	BOWIE RZ	52-54	Parthenocarpic	L/D 3.0-3.1	HR:Ccu, Px	Consistent fruit shape and length. Large and straight, displaying distinctive dark green coloring with attractive marbling. Very even fruit set and high yielding.
84405	PUCCINI RZ	53	Parthenocarpic	3.5x1.25"	HR:Ccu, IR:Co:1, Px	Ideal for tunnel or greenhouse production because no pollinizer is needed. Uniform size and shape with high heat tolerance.
109153	MADDOX (EWS-CUC-029) 	55	Gynoecious	5.75x1.75"	IR:CMV, Co, Psl, Px	Extremely high yields of uniform, medium-dark green fruit. Even fruit set on a vigorous vine. Nice disease package. Gowan Exclusive!
84406	SUPREMO	55	Monoecious	3.75x1.25"	IR:Ccu, CMV, Co, Pcu, PRSV, Psl, Px, WMV, ZYMV	Excellent dark green colored fruit on vigorous vines that are extremely productive. Fruit is uniform and maintains quality throughout extended harvests.

SUPER MAX



AVENGER



EXCELSIOR



BOWIE RZ



MADDOX



PUCCINI RZ



SUPREMO



CUCUMBER PRICING

Item #	Variety	Code pg 2	Price per M or LB					M=1,000 Seeds			
			500 sds	1 M	5 M	15 M	75 M	350 M	100 sds	500 sds	1 M
SLICING											
84385	Cobra	Fl400	23.40	21.10	19.35	18.50	18.00				
93039	Slice More	Trt	14.85	13.35	12.30	11.70	11.40				
83405	Superior	Fl400	23.40	21.10	19.35	18.50	18.00				
70402	Tasty Green - Burpless	Trt	22.10	33.20	29.90	27.45	26.20	25.53			
107483	TSX-CU203AS	Trt	16.85	15.20	13.95	13.30	12.95				
88756	WS-7584	Fl400	20.55	18.50	17.00	16.25	15.80				
88755	WS-7584	Unt	19.50	17.55	16.15	15.40	15.00				
100 sds											
86308	Lisboa	Trt		26.95	107.70	179.45	164.60				
84387	Senor	Fl400		9.00	36.00	59.95	55.00				
1/4 lb											
108173	Marketmore 76	Unt			7.05	21.35	18.00				
PICKLING											
84388	Avenger	Fl400	19.70	17.75	16.30	15.55	15.15				
86377	Bowie RZ	Fl400	32.05	28.85	26.50	25.30	24.64				
89083	Gershwin RZ	Fl400	29.35	26.40	24.25	23.15	22.54				
109153	Maddox	Fl400	7.80	7.05	6.45	6.20	6.00				
89533	Maxxima	Fl400	20.15	18.15	16.70	15.95	15.50				
84405	Puccini RZ	Fl400	29.35	26.40	24.25	23.15	22.54				
88212	Super Max	Fl400	19.50	17.55	16.15	15.40	15.00				
84406	Supremo	Fl400	19.50	17.55	16.15	15.40	15.00				
100 sds											
84921	Excelsior	Trt		22.60	90.40	150.60	138.14				
SPECIALTY											
69348	Mercury	Trt	15.35	13.80	12.70	12.10	11.77				

Prices subject to change without notice.

HYBRID

Item #	Variety	Days (TP) ↓	Fruit Shape/Size	Fruit Color	Features
84571	SHOYA LONG <i>Oriental</i>	55	Slender, Long, 13.75-15.75"	Dark Purple	Vigorous, upright plants produce an abundance of very long, shiny black fruit with a purple calyx. Excellent quality!
49078	NADIA	62	Teardrop, 4.5x9"	Almost Black	Heavy early set which does well in cool conditions. Fruits are large, firm and are held high in the plant.
84569	PALOMA <i>White</i>	65	Short Teardrop	White	Mildly sweet flavor, creamy texture. Short healthy plants. A perfect farmers' market treat, since they are thin-skinned and easily bruised, precluding them from shipping. Green Calyx.
84570	SABELLE RZ <i>Sicilian</i>	65	Round, 1lb.	Vibrant Purple, White Contrast	Traditional Sicilian type which is very attractive due to the color contrast between fruit skin and calyx. Flavorful and excellent texture for all gourmet preparations.
91379	THANOS	66	Teardrop, 4x7"	Dark Purple, Black	Spineless classic shaped eggplant with extra dark color compared to similar varieties giving it a competitive edge. Ideal for open field cultivation exhibiting very high yields, superior quality fruit and a strong plant.
84572	MUMBAI	68	Half Long, Teardrop	Black, Purple	Has merit in commercial production where high quality fruit is picked, packed, shipped and distributed to high end markets. Compact plant with high yields.
84807	ARETUSSA RZ <i>White</i>	70	Long Oval, 3x7"	White	Suitable for heated and unheated structures, as well as open-field production. Well-branched, sturdy plants. Spineless calyx.

SHOYA LONG



 **TAKII SEED**

NADIA



PALOMA



SABELLE RZ



THANOS



PureLine Seeds, Inc

MUMBAI



ARETUSSA RZ



EGGPLANT PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds				
			250 sds	1 M	5 M	25 M	100 M
84807	Aretussa RZ	Trt	37.80	125.95	112.35	102.45	93.98
84572	Mumbai	Trt		16.75	14.95	13.65	12.50
49078	Nadia	Trt	10.00	33.20	29.60	27.00	24.74
84569	Paloma	Unt	12.72	37.50	33.05		
77510	Purple Shine	Unt		12.10	10.80	9.85	9.00
84570	Sabelle RZ	Trt	37.80	125.95	112.35	102.45	93.98
84571	Shoya Long	Unt		11.95	10.65	9.75	8.90
91379	Thanos	Trt	12.55	41.70	37.20	33.95	31.11

Prices subject to change without notice.

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ENDIVE & ESCAROLE » GOURD

ENDIVE | OPEN POLLINATED

Item #	Variety	Days (DS)	Features
88215	BINDIE	87	A versatile variety that has a long window to harvest. Spring to Autumn. Resists cold season bolting and hot season burning. Upright plant habit, moderate curled leaves and straight ribs.

ESCAROLE | OPEN POLLINATED

88314	FULL HEART 65	85	Healthy, broad dark green outer leaves with a deep heart which is white at the core. Gowan premium selection of this classic line.
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ENDIVE & ESCAROLE PRICING

Item #	Variety	Code pg 2	Price Per M				M=1,000 Seeds			
			5 M	20 M	100 M	400 M	5 M	20 M	100 M	400 M
ENDIVE										
88215	Bindie	Unt/Pr/Pel	4.51	3.94	3.61	3.28				
ESCAROLE										
76516	Forbes	Unt/Pr/Pel	4.51	3.94	3.61	3.28				
88314	Full Heart 65	Trt/Pr/Pel	3.58	3.12	2.86	2.60				

Prices subject to change without notice.

GOURD

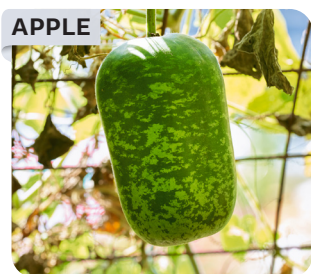
SMALL | HYBRID & OPEN POLLINATED

Item #	Variety ↓	Features
84422	AUTUMN WINGS SMALL	Shaped like a swan pear with many intense colors and wings. Bulbs are about 3", the necks will range from 4-5" long. Harvest at mature stage when the wings will be more durable.
84130	AUTUMN WINGS MEDIUM	Expect the same color, shapes and quality of Autumn Wings Small but with larger versions measuring to 6" necks. Many will have shading between the wings.
59045	DAISY MIX	Small 3-4" wide and 2-3" tall multi-colored (yellow, white, green, orange) gourds. Most have warts with a unique shape resembling a Daisy pattern on the stem end. 2 foot linear planting on 5-6 foot centers. Maximize yield by doing more with less seed.
87097	FANCY WARTED	A mixture of very colorful warted gourds such as spoons, pears, and rounds.
84424	GALAXY OF STARS <i>Hybrid</i>	An exciting hybrid gourd mixture in the shape of a 5 point star in many individual striped colors; green, white, orange, yellow that can be mechanically washed. 95 days.
84425	HOARGARTH	A distinctive new orange and dark green gourd that will add texture to your fall displays. Warted covered fruit are 7x5" and grow on an intermediate bush plant. 90 days.
107582	PRINCESS MIX <i>Hybrid</i>	A warted blend of long necks and winged spoons. Highly improved color contrast over anything else on the market with darker greens and brighter whites that help the yellow, lime green and orange colors pop. Similar in size to Autumn Wings Medium.
86761	SUNRISE <i>Hybrid</i>	Unique deep ribbed scallop shape with a hard shell. Eye catching light yellow background with orange stripes. Long shelf life. Powdery Mildew Tolerant. 95 days, 0.5-1 lbs.



LARGE | OPEN POLLINATED

Item #	Variety ↓	Features
83943	APPLE	Apple shaped gourd that is 6.5" tall with a 7" diameter. Looks just like a Big Apple!
84423	AUTUMN WINGS LARGE SWAN	Spoon shaped with wings and various colors. Bulbs are 2.5-3", necks up to 12" long.
83944	BIRDHOUSE	12-14" Tall, 5" diameter. To form a bottle gourd that will sit on a base, stand them upright in the field when they are young and still growing.
61428	CAVEMAN'S CLUB	Shaped like a club. Bulb on one end with a long handle shaped neck. About 18" long. Green to dried brown color.
88561	CROWNS	Extra large colorful mix of various colors and shapes but especially featuring spectacular large necked gourds. Mix them with Queens for a dramatic showcase of colors of long necks, huge wings and other surprises.
82061	GIZMO	Bush plant type. Fruit have rich colors including dark green, light green, orange, yellow, and white. Hard shelled gourds are 3-5" tall by 6-8" wide at the tip of the wings.
85670	GOONIES	Extra large, 8-12" various textures of vibrant multiple colored solid, striped, streaked, and speckled wings, long-necks, stars, crook-necks, mushrooms, acorns and bulb shapes.
85671	GREMLINS	Large, 5-8" gourds similar to Goonies in shapes, textures and vibrant abundant colors.
84444	LUNCH LADY	One of a kind warted gourd blend. A perfect novelty mix of many sizes, shapes and colors, all with Warts.
88563	QUEENS	Extra large mix of brilliant colors and shapes but your customers will be especially drawn to the super sized wings.
84449	SPECKLED SWAN	Similar to a bird's nest gourd but has long gently curved necks that peak into a small bulb that resembles a swan. 14-18" long, 6" base.
84453	TURK'S TURBAN	Red, yellow, orange, and green colored gourd has white stripes and a scarlet top. Flesh is orange, thick, and perfect for baking and stuffing. Can be used in fall displays and resemble a colorful turban.



APPLE



AUTUMN WINGS
LARGE SWAN



BIRDHOUSE



CAVEMAN'S CLUB



CROWNS



GIZMO



GOONIES



GREMLINS



LUNCH LADY



QUEENS



SPECKLED SWAN



TURK'S TURBAN

GOURD PRICING


Item #	Variety	Code pg 2	Price per M or LB			
			250 sds	1 M	5 M	25 M
84422	Aut. Wings Sm.	FI400	11.45	32.95	31.95	30.95
84130	Aut. Wings Med.	FI400	11.45	32.95	31.95	30.95
84423	Aut. Wings Large Swan	FI400	11.45	32.95	31.95	30.95
88561	Crowns	FI400	39.25	118.80	114.40	110.00
88560	Crowns	Unt	37.30	112.90	108.70	104.50
59045	Daisy Mix	Unt	18.20	55.05	53.00	50.95
87097	Fancy Warted	FI400		Crop Failure		
84424	Galaxy of Stars	FI400	33.10	95.35	94.35	93.35
82061	Gizmo	FI400	38.95	112.15	111.15	110.15
85670	Goonies	FI400	37.45	113.40	109.20	105.00
89522	Gourdastic	Trt	46.35	140.40	135.20	130.00
85671	Gremlins	FI400	33.00	99.90	96.20	92.50
84425	Hoargarth	FI400	37.65	108.40	107.40	106.40
89524	Lil Gordy	Trt	37.45	113.40	109.20	105.00
107582	Princess Mix	FI400	42.25	128.00	123.25	118.50
88563	Queens	FI400	42.25	128.00	123.25	118.50
86761	Sunrise	Trt	24.45	74.00	71.25	68.50
			1 oz	1/4 lb	1 lb	5 lb
83943	Apple	Unt	10.00	24.75	74.90	72.00
83944	Birdhouse	Unt	6.75	15.80	47.85	46.00
61428	Caveman's Club	Unt	7.90	18.90	57.20	55.00
84444	Lunch Lady	Trt	19.55	51.00	154.45	148.48
84449	Speckled Swan	Trt	10.25	24.05	68.30	67.30
84453	Turk's Turban	FI400	6.00	13.75	41.55	39.95

Prices subject to change without notice.

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GREENS & HERBS

OPEN POLLINATED

Item #	Type ↓	Variety	Features
77572	Arugula	ASTRO	Wider strap leaf. Early heat tolerant for arugula.
80949	Arugula	GRAZIA	A wild rocket type that is more uniform and true to type than other varieties.
83947	Basil	ITALIAN LARGE LEAF	Medium broad green leaves. Slower to bolt. Standard commercial variety.
110027	Basil	PROSPERA CG1 	Downy-mildew resistant hybrid. Multi-cut, productive and vigorous. Classic Genovese features and aroma. Early to harvest and late to bolt, with long post-harvest shelf life. Medium-dark green leaves, slightly spoon leaf shape.
93117	Chives	NELLY	Dark blue-green in color, vigorous, and upright growing. Resistant to diseases and thrip spots on the leaves. Fresh and industrial markets, particularly popular for bunching due to its long slender leaf presentation.
82155	Coriander	COMMANDER	A strong variety with very vigorous, erect, thicker healthier leaves than other varieties. Produces uniform and highly aromatic dark green sprouts with excellent appearance. Additional tolerance to bolting in heat and yellowing in rainy conditions. Superior field and post harvest quality with high yields. Suitable for ground or pot production.
84500	Coriander	SANTO	Proven performance has made Santo a grower favorite. High yields, attractive deep green leaves.
84501	Dill	BOUQUET	Aromatic, strong dark green plants.
81644	Dill	DUKAT	Dark green, fern like leaves have distinct, strong aroma. Tall, vigorous plants are topped with very large umbels. Best variety for warmer environments.
84504	Fennel	ORION Hybrid	Very uniform and vigorous growing. Medium tall, dark green foliage. Large sized bulbs. Bolt and tip burn tolerant.



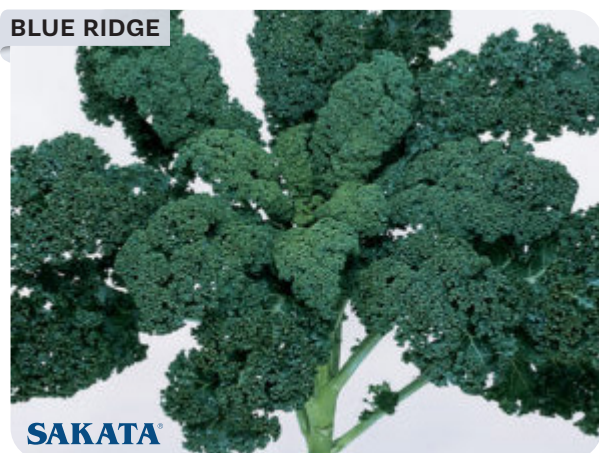
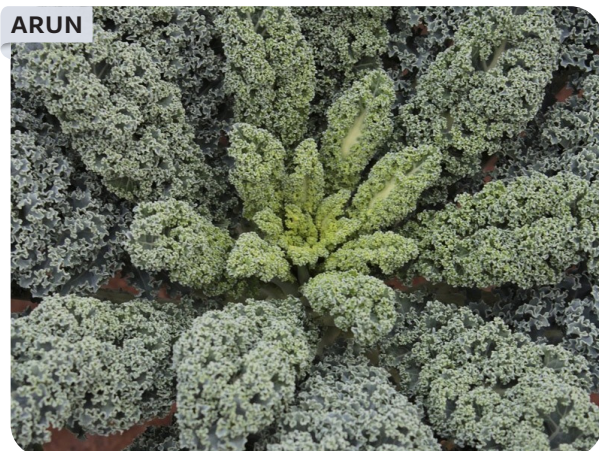
GREENS & HERBS PRICING

Item #	Kind	Variety	Code pg 2	Price per LB				
				1 oz	1/4 lb	1 lb	10 lb	25 lb
Prices subject to change without notice.								
77572	Arugula	Astro	Unt		10.10	30.05	27.30	26.00
83947	Basil	Italian Large Leaf	Unt		6.70	19.90	18.05	17.15
110027	Basil	Prospera CG1	Unt	22.15	61.85	184.55	167.75	159.75
82155	Coriander	Commander	Trt			11.90	10.80	10.25
70412	Coriander	Marino	Unt			9.25	8.40	7.98
84500	Coriander	Santo	Trt			13.90	12.60	12.00
84501	Dill	Bouquet	Trt		7.30	21.70	19.70	18.75
81644	Dill	Dukat	Trt		8.95	26.60	24.15	23.00
109715	Thyme	Thyme Winter	Trt	17.90	49.95	149.00	135.45	129.00

Item #	Kind	Variety	Code pg 2	Price per M		
				50 M	250 M	1000 M
Prices subject to change without notice.						
80949	Arugula	Grazia	Trt	0.071	0.054	0.047
80951	Arugula	Selvatica	Unt	0.071	0.054	0.047
91039	Basil	Dolly	Unt	0.266	0.204	0.177
84503	Basil	Eleonora	Trt	0.222	0.204	0.185
107443	Basil	Emily	Unt	0.212	0.194	0.177
93117	Chives	Nelly	Unt	0.334	0.306	0.278
				1 M	10 M	50 M
65685	Fennel	Antares	Unt	11.10	10.05	9.57
84504	Fennel	Orion	Unt	11.10	10.05	9.57

HYBRID & OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Leaf Color, Type	Features
84493	ARUN <i>Hybrid</i>	50	Dark Blue-Green, Heavy Savoy	Earlier maturing, darker color with larger leaves. Has the ability to take heat differentiates Arun from other hybrid varieties.
13497	WINTERBOR <i>Hybrid</i>	53	Dark Green, Heavy Savoy	Preferred hybrid kale for bunching due to its upright, tall, straight petioles. Excellent late Fall harvest, over-winters well, easy to strip. Uniform size and shape. Cold tolerant.
48510	BLUE RIDGE <i>Hybrid</i>	55	Dark Blue-Green, Heavy Savoy	Widely adapted with semi-tall erect plant. Long harvest period for stripping but also suitable for machine harvesting and processing.
80621	LACINATO	60-80	Dark Blue-Green, Long Strap	Primitive "Dinosaur" kale with long 10" leaves, 3" wide. Frost hardy which will enhance flavor.
88048	SCARLET	75-90	Violet, Green, Heavy Savoy	Tall 2-3' plant with frilly, blistered reddish/green leaves. Leaves will turn more scarlet after frost but are red even when plant is small. Frost tolerant.



KALE PRICING

Item #	Variety	Code pg 2	Price per M or LB		M=1,000 Seeds			
Prices subject to change without notice.			1 M	2.5 M	10 M	50 M	100 M	1000 M
84493	Arun	Trt	10.15	9.35	9.10	8.85	8.55	8.10
80778	Arun	Unt	10.15	9.35	9.10	8.85	8.55	8.10
79400	Black Jack	Unt	7.90	7.25	7.10	6.90	6.65	6.30
48510	Blue Ridge	Trt	9.90	9.10	8.90	8.65	8.35	7.91
94055	Darkibor	Trt	11.60	10.70	10.40	10.15	9.75	9.27
88048	Scarlet	Unt			0.74	0.60	0.55	0.51
13497	Winterbor	Trt	11.60	10.70	10.40	10.15	9.75	9.27
					1/4 lb	1 lb	5 lb	25 lb
80621	Lacinato	Trt			5.75	17.35	16.65	15.90
34678	Vates Blue Curled Scotch	Trt			7.40	22.35	21.45	20.50

Prices subject to change without notice.

KOHLRABI » LEEK

HYBRID & OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Bulb Shape	Fruit Color	Features
77709	AZUR STAR	48	Flat, Round	Deep Purple	Early maturing, appealing purple color with flat, round tender bulbs on high stalks. Easy to trim and bolting tolerant.
77716	QUICKSTAR <i>Hybrid</i>	49	Flat, Round	Pale Green	Early maturing flat-round pale green bulbs that are uniform in size and shape.
46598	WINNER IMPROVED <i>Hybrid</i>	57	Semi-Globe	Pale Green	Large and heavy smooth bulbs that may weigh up to one pound. Plant is upright, light green, attractive, and easy to clean.
84505	KOSSAK <i>Hybrid</i>	85	Round, Huge	White	Bulbs often reach 8 pounds without getting woody. Dense flesh, sweet flavor.



KOHLRABI PRICING

Item #	Variety	Code pg 2	Price per M				M=1,000 Seeds
			1 M	2.5 M	10 M	50 M	100 M
77709	Azur Star	Unt	10.75	9.98	9.55	9.12	8.60
84505	Kossak	Trt	28.50	26.45	25.31	24.17	22.80
77716	Quickstar	Trt	9.66	8.97	8.58	8.19	7.73
46598	Winner Improved	Trt	6.14	5.70	5.45	5.20	4.91

Prices subject to change without notice.

LEEK

HYBRID & OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Harvest Season	Resistance/Tolerance	Features
93704	MATEJKO RZ <i>Hybrid</i>	85	Summer, Fall	IR:Pa, Tt	Blue Green Autumn type that has a modern plant type, earlier maturing and very uniform in size and shape. Upright leaves, easy to harvest and pack.
52971	TADORNA	95	Fall, Winter		Blue Green Autumn type that has demonstrated commercial success. Upright style, clean plant, and very productive. Long white shank, distinctive transition to green.

LEEK PRICING

Item #	Variety	Code pg 2	Price per M					M=1,000 Seeds
			1 M	5 M	25 M	100 M	500 M	
93704	Matejko RZ	Unt/Pr/Pel	24.95	23.95	22.95	21.95	20.10	
52971	Tadorna	Trt	5.00	4.80	4.60	4.40	4.01	
84511	Tadorna	Trt/Pel	5.35	5.10	4.90	4.70	4.28	

Prices subject to change without notice.





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LETTUCE

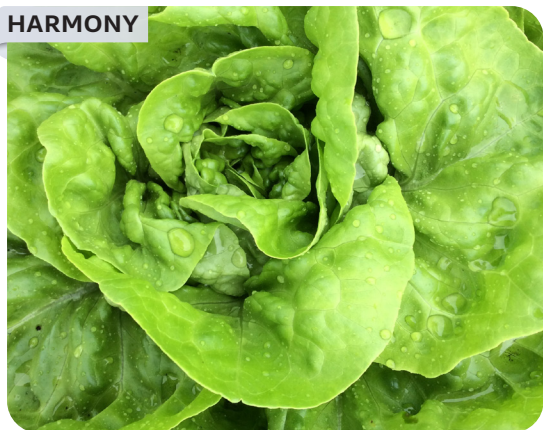
BUTTERHEAD | OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Head Description	Leaf Type	Resistance/Tolerance	Features
84540	HARMONY	68	Dark Green, Large, Moderate Heading	Glossy, Smooth	IR:Bl:1-17, 19,21,23, LMV	Large framed, dark green color and can be harvested in warm conditions. Proven variety for Eastern butterhead lettuce.
84541	SKYPHOS RZ <i>Red</i>	68	Red, Large, Full Heading	Predominately Red, Smooth Texture	HR:Bl:16-26,32EU, Nr:0 IR:LMV:1	Brilliant red head color with vibrant green interior from core. Slow to bolt. Large heading. Positive attributes make it worth the price.

CRISPHEAD/ICEBERG | OPEN POLLINATED

91387	SOMERSET	62	Uniform, Medium Frame, Upright, Sure Heading	Crisp, Smooth	HR:Bl:16-29,32,34,36EU/1-9US, TBSV IR:LMV:1, Rs	Sure heading, slow to bolt and will develop uniform, firm medium sized crisp heads in spring, summer, and fall. Higher head placement and a strong disease package.
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HARMONY



SKYPHOS RZ



SOMERSET



LEAF | OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Head Description	Size	Resistance/Tolerance	Features
84562	NEW RED FIRE <i>Red</i>	50	Very Red, Frilly Leaves	Large, Open Frame	T:Heat	Standard variety for garden and commercial use. Nice bright red color, easy to cut, trim, and pack. Heat tolerant.
84561	CHEROKEE RZ <i>Red</i>	54	Brilliant Red, Thick, Smooth, Loose Leaves	Medium Frame, Upright	HR:Bl:16,21,23, 32EU	Excellent intense dark red color with fine ribs and upright frame. Great shelf life. Proven performance and considered the new standard variety for commercial red leaf production.
84560	BERGAM'S GREEN <i>Green</i>	57	Dark Green, Frilly Margins	Large, Heavy Weight	HR:TBSV, IR:Rs	Very dependable, dark green, uniform loose leaf heads. Proven variety for Eastern lettuce production.
77788	STARFIGHTER RZ <i>Green</i>	58	Excellent Texture, Moderate Frill, Dark Green	Very Large, Heavy Weight	HR:Bl:16-25, 27, 30-32EU, Nr:0, Pb T:Tip Burn	Incredible heavy variety that will give you an expansive harvest window because it continues to get larger and is not prone to tip burn. Slow to bolt. It may be a bit more expensive but once you grow Starfighter RZ you will experience the value.

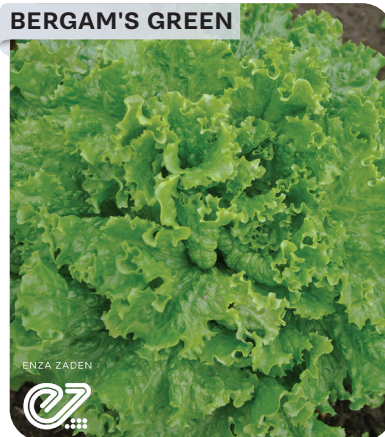
NEW RED FIRE



CHEROKEE RZ



BERGAM'S GREEN



STARFIGHTER RZ



ROMAINE | OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Leaf Type	Size	Resistance/Tolerance	Features
91562	BLUEROCK	65	Medium-Dark Green	Tall, Upright	HR:Bl:7-9, Nr, TBSV T:Tip Burn	Great versatile full season variety for carton, processing, and heart use with medium dark green color and low core. Adapted for all Eastern growing conditions to harvest from Spring to Fall. Upright growth and shape enables easy and efficient cut, trim, and packing.
84566	COASTAL STAR	65	Dark Green, Smooth	Tall, Upright	IR:Rs	Ideal dark green color, tall upright plant type make Coastal Star a preferred variety for hearts and cartons. Widely adapted and proven performance.

BLUEROCK



COASTAL STAR



Looking for a greater selection of baby leaf, lettuce mixes, one-cut/Eazy leaf and microgreens?
Call 800-845-9113 or visit osborneseed.com.

The Benefits of Primed/Pelleted Seeds

Pelleting seed is a process of taking very small seed and making it larger, more uniform in size and shape for easier and more accurate planting. The increased size and density of the seed is done by adding specific inert powders rolled on the seed to make a ball. Because of easier handling, more accuracy in seeding is achieved, less seed is used, a more uniform stand is achieved and less thinning is required after germination.

Some species require light to germinate while other species require a very specific temperature range to germinate.

Priming seed is a process that breaks the requirement for light to be present to germinate (photo dormancy) and widens the temperature range (thermal dormancy) in which seeds will germinate. An increased percentage of seeds will germinate faster and more uniformly.

The combination of primed/pelleted seed is a great advantage for seeds such as lettuce, endive and escarole which are small seeds that tend to be susceptible to either photo or thermal dormancy.

LETTUCE PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds				
			1 M	10 M	100 M	400 M	4000 M
BUTTERHEAD							
84540	Harmony	Unt/Pr/Pel		2.94	2.70	2.57	2.45
84541	Skyphos RZ - Red	Trt/Pr/Pel	11.26	9.90	9.08	8.66	8.25
CRISPHEAD/ICEBERG							
			10 M	100 M	400 M	4000 M	
94358	Mighty Joe	Unt/Pr/Pel		3.12	2.86	2.73	2.60
89549	Somerset	Unt/Pel		3.04	2.78	2.66	2.53
91387	Somerset	Unt/Pr/Pel		3.04	2.78	2.66	2.53
GREEN/RED LEAF							
			1 M	10 M	100 M	400 M	4000 M
84560	Bergam's Green	Unt/Pr/Pel		2.50	2.29	2.18	2.08
84561	Cherokee RZ - Red	Trt/Pr/Pel	7.64	6.72	6.16	5.88	5.60
84562	New Red Fire - Red	Unt/Pr/Pel		2.30	2.11	2.02	1.92
77788	Starfighter RZ	Trt/Pr/Pel	7.64	6.72	6.16	5.88	5.60
84939	Tropicana	Unt/Pr/Pel		2.24	2.06	1.96	1.87
ROMAINE							
			10 M	100 M	400 M	4000 M	
91562	Bluerock	Trt/Pr/Pel		3.06	2.81	2.68	2.55
84566	Coastal Star	Unt/Pr/Pel		2.28	2.09	2.00	1.90
36800	Green Forest	Unt/Pr/Pel		2.28	2.09	2.00	1.90
22452	Green Forest	Unt/Pel		2.28	2.09	2.00	1.90
65235	Inferno	Unt/Pr/Pel		3.42	3.14	2.99	2.85
94359	Laredo	Unt/Pr/Pel		3.12	2.86	2.73	2.60
89082	Salvius RZ	Trt/Pr/Pel		3.36	3.08	2.94	2.80
85498	Solid Heart	Unt/Pr/Pel		2.34	2.15	2.05	1.95

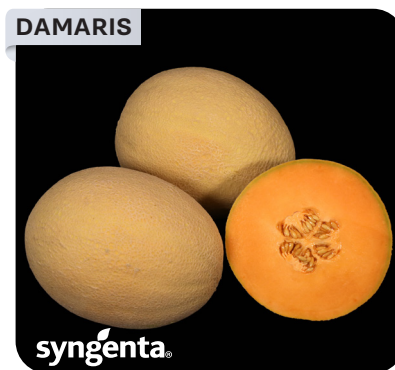
Prices subject to change without notice.

All lettuce varieties listed have been Elisa tested (30,000 seed sample) and are free of seed borne Lettuce Mosaic Virus (LMV).

MELON

CANTALOUPE | HYBRID

Item #	Variety	Days (TP) ↓	Size	Netting/Sutures	Flesh Color/Cavity	Rind Color	Resistance/Tolerance	Features
69671	APHRODITE	72	6-7 lbs., 7x6.5"	Medium Coarse Net, Slight Sutures	Med-Orange, Medium	Tan	HR:Fom:0-2, Px:1 T:S	Consistent performer of large fruit with great flavor. Local and commercial shipping markets.
84515	AVATAR	72-75	7-9 lbs., 8x7.5"	Shallow Full Net	Orange, Medium Open	Tan	HR:Fom:0-2, Px:1 IR:Px:2	Early maturing, large size, high sugars and great taste make Avatar a fantastic choice to grow for local markets, CSA and Roadside. Limited shipping ability. High yields.
85371	ACCOLADE	73	7.5x6.7"	Medium Net, Slight Sutures	Med-Orange, Small	Tan	HR:Fom:0-2, Px:1 IR:Ag, Px:3.5 T:S	Improved internal fruit quality for extended shelf life. Tight seed cavity with firm flesh. Early to main season plantings. Strong and vigorous plant.
85339	ASTOUND	75	7.5x6.7"	Fine Net, Slight Sutures	Orange, Medium	Tan	HR:Fom:0-2, Px:1,2US IR:Ag, Px:3,5 T:S	Promotes improved holdability and storage. Firmer flesh and a smaller cavity with consistent and refined netting. Main-late season plantings for SE and main season plantings for Midwest and Northeast.
66784	ATHENA	75	5-6 lbs., 6.5x6"	Coarse Net, Slight Sutures	Med-Orange, Small	Tan	HR:Fom: 0-2, Px:1,2US T:S	Firm flesh with sweet taste and excellent for shipping. Industry standard variety.
84516	SOLSTICE	78	6-9 lbs.	Deep Sutures	Orange	Tan	IR:Fom:1,2, Px:1,2	A large deep sutured melon, similar to the old "eastern" type. Massive fruit with high yields, outstanding sugar and flavor. 13% brix.
93383	DAMARIS	78-80	8-9 lbs., 6.7x7.4"	Fine Net, Slight Sutures	Dark Orange, Tight	Tan	HR:Fom:0-2, MNSV, Px:2 IR:Ag, Px:3.5 T:S	Extended shelf life (ESL) genetics with crisp superior flavor and firm flesh. Good field holding ability of uniform fruit with attractive netting. Widely adapted to different growing areas for season-long supply. High yielding.



CANTALOUPE PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds				
			250 sds	1 M	5 M	15 M	90 M
CANTALOUPE							
85371	Accolade	Fl400	38.80	115.75	108.35	103.40	98.91
69671	Aphrodite	Fl400	35.50	105.85	99.10	94.55	90.46
85339	Astound	F300	38.70	115.50	108.10	103.20	98.71
79584	Astound	Fl400	38.70	115.50	108.10	103.20	98.71
67003	Athena	F300	35.95	107.25	100.40	95.80	91.65
66784	Athena	Fl400	35.95	107.25	100.40	95.80	91.65
84515	Avatar	Trt	24.80	73.90	69.15	66.00	63.13
88789	Damaris	F300	36.60	109.15	102.15	97.50	93.27

Item #	Variety	Code pg 2	Price per M or LB M=1,000 Seeds				
			250 sds	1 M	5 M	15 M	90 M
CANTALOUPE (CONTINUED)							
93383	Damaris	Fl400	36.60	109.15	102.15	97.50	93.27
77906	Goddess	Trt	25.85	77.15	72.20	68.90	65.92
90235	Heidi	Fl400	44.85	133.75	125.15	119.45	114.28
107946	Hermosa Beach RZ	Trt	30.90	92.10	86.20	82.25	78.68
90046	Kazta	Trt	42.40	126.50	118.40	113.00	108.09
84516	Solstice	Trt	24.30	72.50	67.85	64.75	61.95
					1/4 lb	1 lb	5 lb
70263	Honey Rock	Unt		7.40	22.00	20.00	

Prices subject to change without notice.

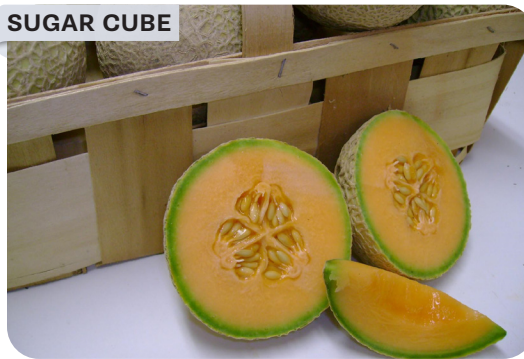
SPECIALTY | HYBRID

Item #	Variety	Type (TP) ↓	Days	Size/Shape	Netting/ Sutures	Flesh Color/ Cavity	Rind Color	Resistance/ Tolerance	Features
53785	NATAL RZ	Canary	80-95	3.3-4.4 lbs., Oval	Smooth, Slightly Ribbed	White to Light Green	Shiny Yellow	HR:Fom:0,2 IR:Gc:1, Px:2	Good vigor, easy fruit setting and great taste. Oval fruit matures to a beautiful shiny yellow rind.
84638	SUGAR CUBE	Gourmet	77	2-4 lbs., Round	Medium Net, No Sutures	Medium Orange	Tan	IR:Fom:0-2, PRSV, Px:1,2, WMV, ZYMV	Uniform round personal size fruit with high yields. Super high sugar at 13-14% brix. A super sweet treat for local markets!
84521	SUGAR RUSH	Gourmet	72	4 lbs., Round	Medium Net, No Sutures	Medium Orange, Small	Tan	IR:Fom:0-2, Px:1,2	Top Notch Flavor for your neighbors and friends. Local market, high sugars and a big brother to Sugar Cube which was just too small to share. Uniform round shape and plenty of fruit to harvest!
84520	INFINITE GOLD	Harper/ LSL	85	9-12 lbs., Round, Oval	Heavy Net, No Sutures	Deep Orange	Tan	HR:Fom:0-2, Px:1,2	Has been bred for strong performance and long shelf life, without sacrificing great flavor and fruit quality. Strong vines, high yield potential and uniform size and shape.
84517	FULL MOON	Honeydew	82	3.5-4.5 lbs., Round	Smooth	Green	Creamy White	IR:Fom:2, Px:2	Attractive exterior and interior. Early maturing, great eating quality, Honey Dew variety for Eastern production. Most other varieties will not produce quality fruits within our short season.
84049	ORANGE SHERBET	Tuscan	85	7-8", Round, Oval	Medium Net, Deep Sutures	Bright Orange	Tan, Green Sutures	IR:Fom:1,2, Px:2, WMV	High sugars, moderate fiber and aromatic flavor make Orange Sherbet one of the best tasting melons. Makes an attractive display.

NATAL RZ



SUGAR CUBE



SUGAR RUSH



INFINITE GOLD



FULL MOON



ORANGE SHERBET



SPECIALTY MELON PRICING

Item #	Variety	Code pg 2	Price per M			
			250 sds	1 M	5 M	15 M
84517	Full Moon	Trt	26.15	78.00	72.40	69.00
84520	Infinite Gold	Trt	47.30	141.05	130.95	124.80
53785	Natal RZ	Trt	30.25	90.25	83.80	79.86
84049	Orange Sherbet	Trt	13.65	40.70	37.80	36.00
84638	Sugar Cube	Trt	26.25	78.35	72.75	69.32
84521	Sugar Rush	Trt	26.25	78.35	72.75	69.32

Prices subject to change without notice.



FarMore® FI400 insecticide and fungicide combination seed treatment technology helps maximize cucurbit production by enhancing performance and quality.

Superior Disease Protection: Providing early-season protection against certain diseases including rhizoctonia spp., fusarium spp., pythium spp., and general damping-off and seedling blight.

Excellent Early-Season Insect Protection: FI400 technology contains a second generation neonicotinoid, thiamethoxam, which protects against excessive foliage damage in young plants from cucumber beetles, flea beetles, and leafminers. Thiamethoxam also eliminates or reduces the chance of virus transmission by certain insects including aphids, thrips and whiteflies.



MUSTARD » OKRA

SAVANNA



OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Leaf Characteristics	Features
34673	SAVANNA <i>Hybrid Spinach Mustard</i>	35	Smooth, Thick, Dark Green	Attractive hybrid that is slow to bolt with high yields. Large upright plant with multiple harvests in cooler season.
69298	FLORIDA BROADLEAF <i>India Mustard</i>	45	Round With Serrated Leaf Margins	Smooth medium green serrated leaves that are ideal for fresh market. Upright plant habit and good yield potential.
30976	SOUTHERN GIANT CURLED <i>India Mustard</i>	48	Heavy Curled, Frilled Margins	AAS Winner! Fast growing standard curled mustard variety.
77953	GREEN WAVE <i>India Mustard</i>	50	Heavy Curled, Frilled Margins	AAS Winner! Dark green leaves and slower bolting than Southern Giant Curled. Green Wave will perform better in high heat conditions.

MUSTARD PRICING

Item #	Variety	Code pg 2	Price Per LB				
			1/4 lb	1 lb	10 lb	50 lb	100 lb
69298	Florida Broadleaf	Trt		19.30	18.60	17.90	17.04
77953	Green Wave	Trt		14.15	13.65	13.15	12.50
34673	Savanna	Trt	43.30	131.10	126.45	121.80	116.00
30976	Southern Giant Curled	Trt		19.30	18.60	17.90	17.04

Prices subject to change without notice.

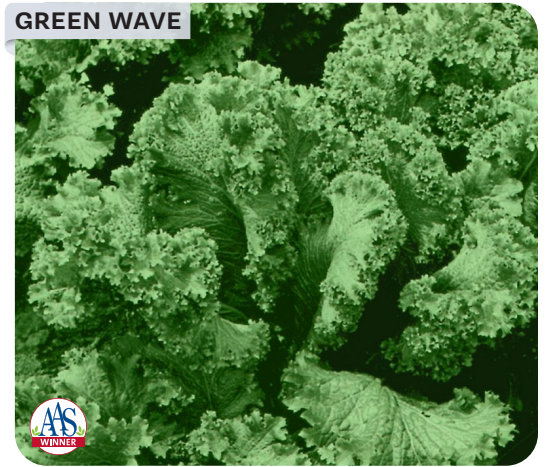
FLORIDA BROADLEAF



SOUTHERN GIANT CURLED



GREEN WAVE



OKRA

HYBRID & OPEN POLLINATED

JAMBALAYA



Item #	Variety	Days (DS) ↓	Plant	Pods	Features
70503	JAMBALAYA <i>Hybrid</i>	48	Very Compact, Small Leaves	Dark Green, 5-Sided	Extra early, compact, concentrated set and high yield potential of very uniform, high quality dark green pods. Performs very well in the North.
83109	CLEMSON SPINELESS 80	55	Heavy Yielding, 3-4 Feet Tall	Dark Green, 7-8" Long	Straight, slightly grooved, pointed pods are 7-8" long and spineless.

OKRA PRICING

Item #	Variety	Code pg 2	Price Per LB				
			1 oz	1/4 lb	1 lb	5 lb	25 lb
Prices subject to change without notice.							
83109	Clemson Spineless 80	Trt			6.20	5.70	4.75
70503	Jambalaya	Unt	22.55	58.20	187.65	173.35	159.00

Seed varieties that exceed growers' needs

It all starts with the highest quality seed, which is why we invest significant resources into researching and developing superior quality varieties that maximize yields for farmers. Founded in 1896 in South Africa, Starke Ayres currently has a sales-network footprint in more than 60 countries, across five continents, with ongoing plans for future expansion and innovation.



PAGE 73

**PUMPKIN
STAR 7001**



PAGE 88

**HUBBARD
STAR 7053**



**BUTTERNUT
LAUDA**



**ZUCCHINI
STAR 8023**



PAGE 10

**BEAN
STAR 2007**



PAGE 50

**ONION
VERONICA**



PAGE 51

**BUNCHING ONION
VELOCITY**



ONION

SHORT DAY YELLOW | HYBRID

Item #	Variety	Days (DS) ↓	Bulb Size & Shape	Skin Color	Storage	Resistance/Tolerance	Features
84233	DP SWEET	Early	Jumbo, Granex	Light Bronze	Short	IR:Pd T:Bolting	Early maturing, light skinned true Granex type especially suited for the Southeast US markets. Proven performance with sweet flavor and small necks.
83771	SUPEREX	Early	Jumbo, Flattened Globe	Brown, Yellow	Short		Tropic and sub-tropic short day with early maturity. Jumbo sized bulbs are firm with Vidalia Superior Onion Flavors standards.
84235	SAPELO SWEET	155	Jumbo to Colossal, Granex	Light Bronze	Short	IR:St	Jumbo to Colossal flattened bulbs (2:1 ratio) with tight bronze skin and wide interior white rings. Tops are dark green with 7-8 leaves. Adapted to Southern States.
76103	VERONICA	160	Jumbo to Large, Grano	Light Brown	Short	IR:St	Firm, extra large, round, uniform bulbs with excellent skin retention and attractive color. High percentage of single centers. Performs best within 25-35 degree latitude. Gowan Exclusive!



INTERMEDIATE DAY YELLOW | HYBRID

Item #	Variety	Days (DS) ↓	Bulb Size & Shape	Skin Color	Storage	Resistance/Tolerance	Features
84642	SPANISH MEDALLION	110-115	Colossal, Jumbo, Globe	Brown	Short	IR:St	Late intermediate yellow that transitions into the long day Spanish types. Firm with excellent skin retention. It cuts a high percentage of single centers. Consistent yields.
89660	GREAT WESTERN	113	Extra Large, Globe	Rich Brown	Short	IR:St	Semi-Spanish type which produces mild flavored large/extra large/jumbo bulbs. Suitable for transplant and short term storage. High percentage of single centers.



LONG DAY RED | HYBRID

Item #	Variety	Days (DS) ↓	Bulb Size & Shape	Skin Color	Storage	Resistance/Tolerance	Features
85301	BAROLO	110	Medium-Large, Globe	Dark Red	Medium	IR:St	Dark interior red rings with a shiny red exterior. Adaptable to all irrigation systems. Field tolerance to root diseases. Storage potential 3 - 4 months.
89568	TANNAT	115	Large, Globe	Dark Red	Long	IR:Foc, St	Tops are large, giving it the opportunity to make larger bulbs. Vigorous roots show good tolerance to Pink Root and Fusarium. Bulb has an excellent exterior and interior color. 4 to 8 month storage capability.

LONG DAY YELLOW | HYBRID

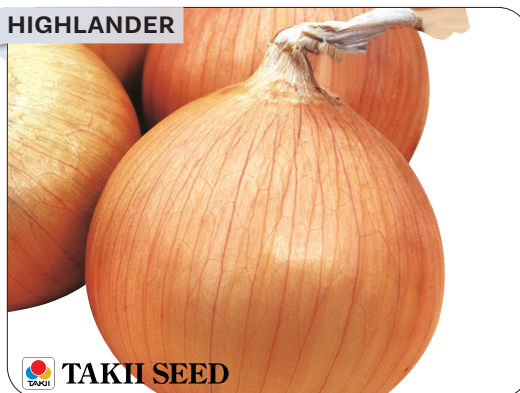
Item #	Variety	Days (DS) ↓	Bulb Size & Shape	Skin Color	Storage	Resistance/Tolerance	Features
85944	OUTLANDER	85	Large, Globe, 2.75-3.5"	Bronze, Brown	Short		Especially suited for transplant and early onion production. Large firm bulbs with small neck and good scales. Excellent early yield potential.
84639	HIGHLANDER	85-90	Large, Globe, 2.75-3.5"	Light Brown	Short	IR:Ba, Pd	Extra early variety with excellent size and yield. Transplant and direct seed. Performs better with irrigation. Fresh market or short term storage.
84640	RIDGE LINE	107	Large, Globe	Brown	Medium	IR:Foc, St	Long day semi-Spanish type capable of producing jumbo sized bulbs with good roots. Firm, brown scales. Slow to bolt.

OUTLANDER



TAKII SEED

HIGHLANDER



TAKII SEED

RIDGE LINE

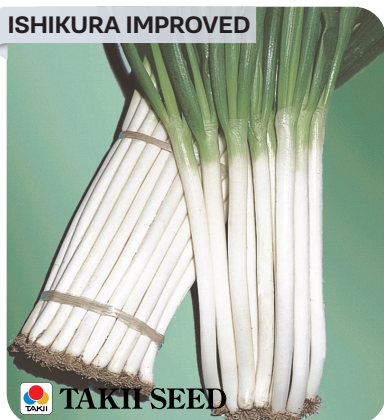


TAKII SEED

BUNCHING | OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Size & Shape	Color	Resistance/Tolerance	Features
84643	ISHIKURA IMPROVED	66	12-16", Elongated	White		Single stalked with long, white, narrow shafts and upright tops. The best Tokyo type for post harvest quality and shipping. Commercial variety but also excellent for local markets.
77980	FEAST	67	12-16", Elongated	White	IR:Ap, Pd T:Heat	Single stalk type. Slender white shaft, upright waxy green leaves. Resistant to Downy Mildew and Alternaria Leaf Blight. Heat tolerant for summer production. Very efficient to harvest, clean and pack.
107664	VELOCITY	65-70	12-18", Elongated	White		Early maturing, vigorous, and tall with erect blue-green foliage. High percentage harvestability with good holding capacity. High yields.

ISHIKURA IMPROVED



TAKII SEED

FEAST



TAKII SEED

VELOCITY



STARKE
AYRES

ONION PRICING

Item #	Variety	Code pg 2	Price per M or per LB		M=1,000 Seeds	
SHORT DAY YELLOW			100 M	1000 M		
84233	DP Sweet	Trt	4.72	4.25		
84234	DP Sweet	Unt	4.72	4.25		
88525	Sapelo Sweet	Trt	3.05	2.75		
83771	Superex	Trt	2.96	2.67		
76103	Veronica	Trt	3.56	3.21		
INTERMEDIATE DAY YELLOW			10 M	50 M	100 M	1000 M
89660	Great Western	Trt/Pel	6.16	5.10	4.88	4.40
84642	Spanish Medallion	Trt/Pel	5.89	4.88	4.67	4.21
LONG DAY RED			100 M	1000 M		
85301	Barolo	Unt	4.87	4.39		
89568	Tannat	Unt	5.26	4.74		
LONG DAY YELLOW			10 M	50 M	100 M	1000 M
84639	Highlander	Trt	SOLD OUT			
85944	Outlander	Pro/FI500/Pel	5.18	4.29	4.11	3.70
84640	Ridge Line	Trt	5.53	4.58	4.38	3.95
94115	Ridge Line	Th/FI500/Pel	5.98	4.95	4.74	4.27
89319	Thunderstone	Unt	4.83	4.00	3.83	3.45
BUNCHING			1 oz	1/4 lb	1 lb	10 lb
77980	Feast	Trt	17.15	47.80	142.55	125.04
84643	Ishikura Improved	Trt	15.75	47.00	44.95	41.21
107664	Velocity	Trt	20.10	59.90	57.30	52.53
			1/4 lb	1 lb	10 lb	50 lb
53469	White Gem	Trt	34.65	103.35	92.15	82.00

Prices subject to change without notice.

sales@gowanseed.com

PARSLEY » PEA

OPEN POLLINATED

Item #	Variety	Days (DS)	Leaf Type ↓	Resistance/Tolerance	Features
94406	FOREST GREEN	70-75	Curly	T:Heat	Plants are erect and vigorous. Good holding ability and regrowth capable for multiple cuttings.
40866	DARK GREEN ITALIAN	65-70	Plain		Wide, dark green, glossy, flat leaves. Upright and vigorous growing, Attractive for bunching.
84960	EINFACHE SCHNITT	65-70	Plain, Smooth, Flat	T:Cold	The best selection of what is referred to as "Common Parsley." Finely divided leaves, medium dark color and capable of overwintering in Mid-Atlantic States. Aromatic.

FOREST GREEN



DARK GREEN ITALIAN



EINFACHE SCHNITT



PARSLEY PRICING

Item #	Variety	Code pg 2	Price per LB				
			1/4 lb	1 lb	5 lb	25 lb	50 lb
40866	Dark Green Italian (Plain)	Trt	7.15	21.25	19.80	18.75	18.00
108700	Dark Green Italian (Plain)	Unt	7.15	21.25	19.80	18.75	18.00
84960	Einfache Schnitt (Plain)	Trt	6.10	18.10	16.85	15.95	15.30
94406	Forest Green (Curly)	Trt	7.15	21.25	19.80	18.75	18.00

Prices subject to change without notice.

PEA

SHELLING, GARDEN

Item #	Variety	Days (DS) ↓	Vine	Pod Size/ Shape	Peas Per Pod	Resistance/Tolerance	Features
89912	SPRING	55	22"	3", Blunt	6-7		The benchmark early variety in the industry for many years. First early variety with excellent quality.
84645	KNIGHT	62	18-22"	4", Pointed	7-9	IR:BYMV, Ep, PEMV	Early maturing, bright green pointed pods are high yielding. Good disease package. Perfect for fresh market.
91561	PLS 167 <i>Afila</i>	65	22-24"	3.5-4", Blunt	7-9	HR:Ep, Ns:1 T:Pv	Consistently a top yield performer with 2-3 pods per node. Afila plant type with mostly tendrils (edible) and few leaves for quick and clean picking. Very good disease package. 3 sieve.
84646	PLS 595	65	14-18"	3.5-4", Pointed	11	HR:Ep, Ns:1,2 IR:Pv	Plants produce two long pods with on average 11 berries in each. Fresh market customers are raving about the ease of hand-picking due to high set of pods in upright plant. High yields!

SPRING



KNIGHT



PLS 167



PLS 595



SNAP, EDIBLE POD

Item #	Variety	Days (DS) ↓	Vine	Pod Size	Resistance/Tolerance	Features
84655	TENDERSWEET	65	30"	3-3.5"	IR:Ep, Fop:1	Vigorous plants with very high yields, multiple pickings. Stringless, fiberless, tender texture and sweet taste.
93069	SUPER SUGAR SNAP	67	72"	3"	IR:Ep	Long, fat, dark-green pods are sweeter and more crunchy than other varieties. Trellis the tall vines for extended harvests and easy picking. Excellent for eating cooked or raw.
84650	SS 141	70	28-30"	3.5"	HR:Ep, Fop	Fleshy, tasty pods. Larger plants with disease resistance.

SNOW, EDIBLE POD

Item #	Variety	Days (DS) ↓	Vine	Pod Size/Color	Resistance/Tolerance	Features
67332	AVALANCHE	56	24-28"	5.25", Flat, Dark Green	IR:Ep, Fop:1	Rare afilea-type Snow Pea with excellent stand-ability even after it sets loads of double 5.25" pods. Exceptional yields with a beautiful dark color.
84657	OREGON SUGAR POD II	68	28-38"	3.5-4.5", Flat, Light Green	IR:Ep, Fop, PEMV	High percentage of double clusters. High yielding. Good disease resistance.

TENDERSWEET



SUPER SUGAR SNAP



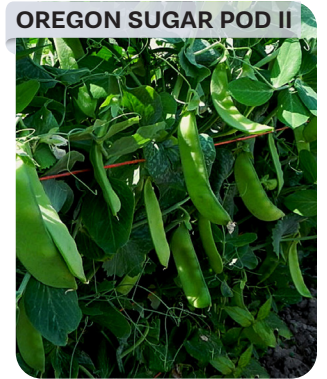
SS 141



AVALANCHE



OREGON SUGAR POD II



SOUTHERN

Item #	Variety ↓	Days (DS)	Features
90898	CALIFORNIA BLACKEYE #5	60-65 80-85 Dry	Rich, lightly sweet flavor and meaty texture. Tall bushy plant habit with 7.5" long pods scattered in the foliage. High yields. A long time favorite with Southern growers. Great fresh, frozen, or canned. 1,723/LB
90431	CORONET	62	Highly nutritious both fresh or dried. Compact, purple podded, 24" plant is an improved Pinkeye Purple Hull type cowpea.
90621	CT DIMPLED BROWN CROWDER	65-70 85-60 Dry	Seeds at green shell maturity are very closely spaced and result in a strong crowder appearance usually causing a "dimple" in the adjacent pod. 2,174/LB
90622	PINKEYE PURPLEHULL BVR	65	The plant is 22" tall with pods placed above foliage and scattered. 7" pods are dark purple at green shell maturity and purple at dry maturity. Blackeye Cowpea Mosaic Virus Resistance. 2,528/LB
90900	ZIPPER CREAM	66	Large sized crowder shaped pea with about 15 peas per 6" pod. The fresh pods are medium green changing to a light straw color at maturity. Easy shelling pea with high yields and delicious flavor. 2,100/LB

PEA PRICING

Item #	Variety	Code pg 2	Price per LB			
			1 lb	5 lb	50 lb	500 lb
SHELLING, GARDEN						
93631	Bolero	Cr	6.55	4.58	4.20	3.85
93706	Jumpstart	Cr	5.19	3.63	3.32	3.05
84645	Knight	Trt	4.51	3.15	2.89	2.65
93632	Legacy	Cr	6.55	4.58	4.20	3.85
91561	PLS 167	Cr	6.55	4.58	4.20	3.85
84646	PLS 595	Cr	6.55	4.58	4.20	3.85
93707	Sienna	Cr	5.19	3.63	3.32	3.05
89912	Spring	Cr	6.55	4.58	4.20	3.85
89913	Strike	Cr	6.55	4.58	4.20	3.85
SNAP, EDIBLE POD						
			1 lb	5 lb	50 lb	500 lb
84650	SS 141	Cr	6.55	4.58	4.20	3.85
93069	Super Sugar Snap	Cr	5.61	3.93	3.60	3.30

Item #	Variety	Code pg 2	Price per M or per LB			
			1 lb	5 lb	50 lb	500 lb
SNAP, EDIBLE POD (Continued)						
84655	Tendersweet	Cr	Crop Failure			
			10 M	80 M	800 M	4000 M
108111	Sugar Sprint	Trt	2.38	2.25	2.20	2.09
SNOW, EDIBLE POD						
			1 lb	5 lb	50 lb	500 lb
67332	Avalanche	Cr	4.85	3.39	3.11	2.85
84657	Oregon Sugar Pod II	Trt	4.59	3.21	2.94	2.70
SOUTHERN						
			5 lb	50 lb	100 lb	500 lb
90898	California Blackeye #5	Trt	3.85	3.50	3.35	3.20
90431	Coronet	Cr	3.05	2.80	2.70	2.55
90621	CT Dimpled Brown Crowder	Unt	4.55	4.15	4.00	3.80
90622	Pinkeye Purplehull BVR	Unt	3.70	3.40	3.25	3.10
90900	Zipper Cream	Trt	4.95	4.55	4.35	4.15

Prices subject to change without notice.

SWEET PEPPER

DRAGONFLY



VALAHIA



PureLine Seeds, Inc

PRISM MIX



NEW!



BELL PEPPER | HYBRID

Item #	Variety	Days (TP) ↓	Color	Fruit Size (LxW)	Plant Type	Resistance/Tolerance	Features
108146	DRAGONFLY Light Green/ Dark Purple/Red	55-65		3.5x3", Large	Medium, Protective	HR:Tm:0-2	AAS Winner! Very impressive dark purple color with sweet juicy thick walls. Slightly elongated and predominately 3/4 lobed. Early maturing fruit set developing from light green to a dark purple and eventually to red.
89983	VALAHIA White/Yellow/ Red	60		3.7x3.1"	Vigorous	HR:Tm:0-2	Early maturing from a quality large white bell pepper to yellow, orange, then mature red. Can be harvested at any color but the preferred color is white. Strong plant enables continuous harvests for high yields.
109866	PRISM MIX Multiple	Early-Mid		Large to Extra Large, Blocky	Good Cover		High-quality bell pepper mix with all your favorite colors! Consists of green, red, yellow, orange, purple, and white.
60738	FLAVORBURST Lime Green/ Yellow/Gold	62		4.5x3.25", Large	Medium, Strong		Very early maturing and continues to set big, uniform, blocky fruit with thick walls and great flavor. High yields.
69578	BADGER Green/Red	68		4.5-5x4", Deep Block	Good Cover	HR:Tm:0-3 IR:TSWV	Produces glossy red, large elongated peppers on a tall plant. Uniform size and shape with medium-thick walls. For fresh market quality red and processing.
60955	PROCRAFT Green/Red	68		Large to Extra Large, Blocky	Good Cover	HR:PVY:0-1, Tm:0, X spp:1-3 IR:TEV, TSWV:0	Dual-purpose variety appropriate for both fresh and processing markets due to its quality and firmness at all stages of maturity. Tremendous yielder of thick-walled, blocky fruits. Adapted to both coastal and interior growing conditions.
60980	DELIRIO Green/Orange	Mid-Early		3.9", Large	Strong, Open	HR:Tm:0-3 IR:TSWV:0	Large, thick walled, 4 lobed, firm, uniform fruit matures to a beautiful dark-orange color. Perfect for local markets.

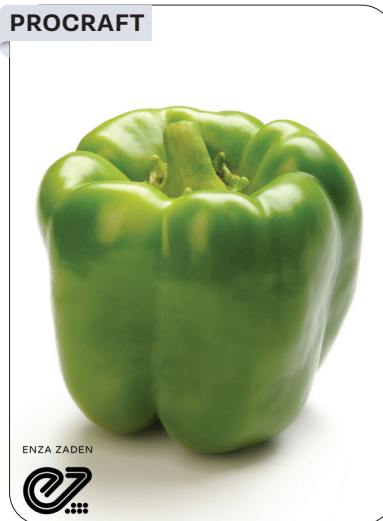
FLAVORBURST



BADGER



PROCRAFT



DELIRIO



SWEET PEPPER



BELL PEPPER | HYBRID (Continued from previous page)




Item #	Variety	Days (TP) ↓	Color	Fruit Size (LxW)	Plant Type	Resistance/Tolerance	Features
81303	ABAY <i>Green/Yellow</i>	72		4.25x4.25", Extra Large	Strong Bush	HR:Tm:0, X spp:1-5	Adapted to Midwest/Northeast for main-season and Southeast for Spring and Fall. Suitable for tunnel production.
84688	TEQUILA <i>Light Purple/ Purple/Red</i>	72		3", Medium	Open, Easy Setting	HR:Tm:0	Medium early maturing four-lobed lilac pepper with strong plant habit and medium vigor. Unique colored bell on a very productive plant.
83288	PROVIDER <i>Green/Red</i>	73		Large to Extra Large, Blocky	Great Cover	HR:PVY:0-1, Tm:0, X spp:1-10 IR:TEV	High quality dark green fruit with excellent cover. Plant structure and fruit set make this a good choice for extended harvest.
86934	REGULATOR <i>Green/Red</i>	73-75		Blocky, Extra Large	Strong, Good Cover	HR:Tm:0, X spp:1-10 IR:TSWV:0	Attractive 4-lobed fruit that maintains its size throughout the growing season and is widely adapted. High yields of uniform fruit. Ideal for Eastern US for main season Spring and Fall.
48265	CLASSIC <i>Green/Red</i>	Mid		Large to Extra Large, Blocky	Good Cover, Medium	HR:Tm:0, X spp:0-3,7,8	High-yielding bell that has outstanding fruit quality, with thick walls and a uniform blocky shape. Widely adapted and offers good heat-set ability. It approaches greenhouse quality in the open field.
89662	MERCER <i>Green/Red</i>	75		Large to Extra Large, Blocky	Large, Good Cover	HR:TMV:0, X spp:0-3,7,8 IR: Pc	Well adapted to the Northeast and where Phytophthora is an expected problem. Plants are vigorous, sturdy, have good cover and high yield potential of good quality fruit.
83420	PLACEPACK <i>Green/Red</i>	75		Large to Extra Large, Blocky	Good Cover	HR:PVY:0-1, Tm:0, X spp:1-10 IR:TEV	Good cover and produces high quality dark green peppers. This variety is positioned for main-season, Spring and Fall. With Placepack you are assured of a high percentage 4-lobed peppers.

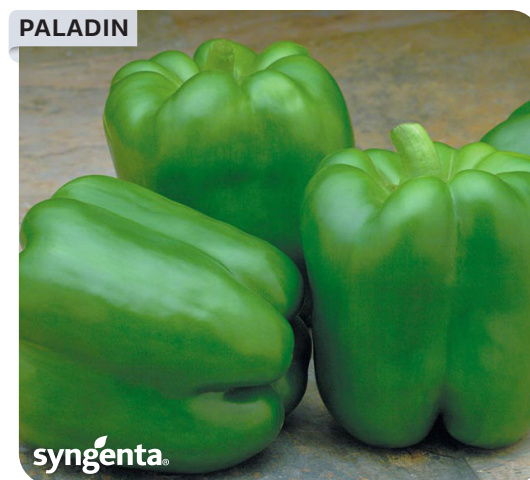
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SWEET PEPPER

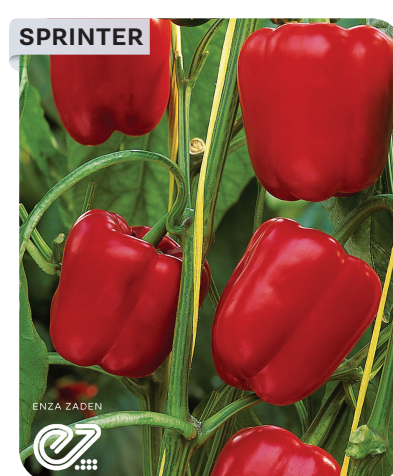
BELL PEPPER | HYBRID (Continued from previous page)

Item #	Variety	Days (TP) ↓	Color	Fruit Size (LxW)	Plant Type	Resistance/Tolerance	Features
88050	NITRO S10® Green/Red	75		Large to Extra Large, Blocky	Compact, Medium	HR:TMV:0 IR:Pc, TSWV, X spp:0-10	High quality fruit have good size uniformity and are smooth, firm, and glossy. Adapted to Fall and Spring in SE and summer production in NE. Suited for place pack and where bacterial leaf spot is a concern.
86218	SHOGUN S10® Green/Red	75		Large to Extra Large, Blocky	Vigorous, Continuous Setting	HR:TMV:0 IR:TSWV, X spp:0-10	Uniform, continuous setting large to extra large fruit with firm, thick walls, mostly 4-lobed. Good vigor, great cover, and high yield potential. Performs best in Fall and Spring SE and Summer in the NE.
85338	PALADIN Green/Red	77		Large to Extra Large, Blocky	Compact, Vigorous, Good Cover	HR:TMV, ToMV IR:Pc	Produces quality, large to extra-large fruit on a vigorous and semi-compact plant with good cover. Has very good tolerance to Phytophthora and shows wide adaptability.



GREENHOUSE BELL | HYBRID

Item #	Variety ↓	Days (TP)	Color	Fruit Size (LxW)	Plant Type	Resistance/Tolerance	Features
84938	CELAYA Green/Yellow 	70		3.5x3.5", Blocky	Compact, Upright, Strong	HR:Tm:0-3 IR:Ma, Mi, Mj, TSWV:0	Nematode tolerant variety with good setting in hot conditions. Medium sized high quality fruit.
84689	DICAPRIO Green/Yellow	70		3.5x3.5", Blocky	Compact, Upright, Strong	HR:Tm:0-3 IR:TSWV:0	Very adaptable. Perfect for greenhouse and tunnel production. Matures to a brilliant yellow fruit that is uniform in size, shape, and color. High quality!
69686	MILENA Green/Orange	70		3.5x3.5", Blocky	Medium/Large, Vigorous	HR:PVY:0-1, Tm:0-3 IR:TEV, TSWV:0	Super quality fruit that matures orange early. Very uniform in size and shape. Tray pack quality! Grow in non-heated protected conditions and open field.
84691	SPRINTER Green/Red	70		3.5x3.5", Blocky	Vigorous	HR:Tm:0-3	High yield for a long production period. Not sensitive to blossom end rot or russetting. Very adaptable and performs well in greenhouse and open field productions.



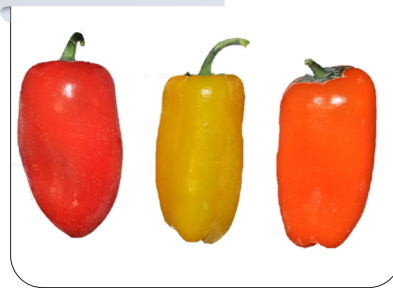
MINI | HYBRID

Item #	Variety	Days (TP)	Color	Fruit Size	Plant Type	Resistance/Tolerance	Features
84692 88704 88705	ORANGE YOU SWEET RIGHT ON RED YES TO YELLOW!	Very Early	Orange, Red, Yellow	Small, Round-Flat 1.5x3.5"	Medium-Strong		Small, colorful, smooth flat-round fruit are thick walled and mature early. Continuous setting with mid-strong plant vigor. Perfect for fresh snacks, grilling, stuffing or pickling. Buy all three and create your own colorful mix!
83267 83265 83266 91398	ORANGE SWEETIE RED SWEETIE YELLOW SWEETIE SWEETIE MIX	70	Orange, Red, Yellow	2.5-3" Long	Upright Bush		Extremely sweet and the perfect unique shape and size for snacking. Uniform fruit with open seed cavity. They will grow great in the open field and protected culture. High yields. Purchase them as a single color or a mix of all 3 colors.
88298 88299	PEPPI RED PEPPI YELLOW	75-80, Mature	Red, Yellow	4x1.75" 40-50 Grams Red 25-30 Grams Yellow	Tall		Seedless* snack peppers that are sweet and have a crisp texture. Perfect size, appearance, taste, and texture for a sweet pepper snack. Buy them both for a yellow, red and green mix. *Do not cross pollinate with other pepper varieties since some seeds may develop.
89351 89350 89349 91399	ORANGE DELITE RUBY DELITE LEMON DELITE DELITE MIX	60-65	Orange, Red, Yellow	4x1.5", Tapered	Vigorous	HR:TMV:0, X spp:0-3,7,8	The "Delite" series are large-fruited snacking peppers that mature early and have hot set potential. Fruit mature to a beautiful glossy yellow, orange or red. Vigorous plants with continuous setting and good cover. Widely adapted and have a great disease package. Purchase them as a single color or a mix of all 3 colors.

**ORANGE YOU SWEET
RIGHT ON RED
YES TO YELLOW!**



SWEETIE SERIES




PEPPI SERIES



DELITE SERIES



SWEET BANANA/HUNGARIAN | HYBRID

Item #	Variety	Days (TP) ↓	Color	Fruit Size (LxW)	Plant Type	Resistance/Tolerance	Features
108306	SUPERETTE	53	Yellow/Red	8x1.75"	Upright Bush		Very early maturing with continuous production of smooth pointed fruit that's uniform in size and shape. Matures attractive color stages from yellow to orange to glossy red.
84947	SWEET SAVANNAH	54	Yellow/Red	9x2"	Upright Bush		Very early and productive, often producing 2 fruit per node. Large, smooth fruit are uniform in size and shape. Continuous setting.
55948	DOBLON	70	Yellow/Red	8x1.75"	Large, Tall	IR:TMV, TSWV	Long, straight, smooth fruit held high on strong, upright plant keeping the fruit clean and protected. Very productive.
91406	KACHETA (UG505316) 	71	Yellow/Red	8x1.75"	Tall, Strong Bush	HR:X spp:1-3 IR:TSWV	Exceptional proven variety for processing and fresh markets with great color. Strong plant that is open for easy harvest. Produces tremendous yields of uniform, straight, and thick-walled fruit. Great disease package. Gowan Exclusive!

SUPERETTE



SWEET SAVANNAH



DOBLON



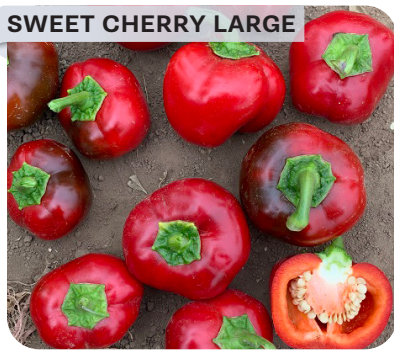
KACHETA



SWEET PEPPER

SPECIALTY | HYBRID

Item #	Type ↓	Variety	Days (TP)	Color	Fruit Size (LxW)	Plant Type	Resistance/Tolerance	Features
107790	Cherry	SWEET CHERRY LARGE	63	Green/Red	1.25x2.25"	Strong Vigorous Bush		Large, flattened shaped cherry pepper perfect for stuffing. Pendant style fruit attachment to plant with slightly curved stem for efficient harvesting. An exceptional variety for fresh market and processing.
34131	Cubanelle	ARUBA	60	Light Green/Red	5.5-6.5x2.25"	Vigorous, Erect, Continuous Setting		Produces large, straight fruit of outstanding size, yield, and uniformity. Continuous setting plant provides an extended harvest period. Widely adapted.
93115	Hungarian Cheese	SWEET HUNGARIAN CHEESE	75 Green, 80 Red	Green/Red	3.5x2"	Tall Bush		Beautiful, glossy mature red color with thick walls and fluttered edges. Sweet flavor perfect for stuffing but also can be sliced, diced and pickled. Very productive.
84696	Roasting	SWEET DELILAH	72	Green/Deep Red	9x2.5"	Large, Upright	IR:TSWV	Large, thick fleshed Italian (Marconi) roasting pepper with very high yields. Can also be fried. Nice apple green, but usually marketed at mature deep red when it tastes the best. In early production it will usually have 3 lobes taper to a "sheep's nose" rather than a blunt tip.



SWEET PEPPER PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds					
			100 sds	500 sds	1 M	5 M	25 M	50 M
BELL PEPPER								
81303	Abay - Yellow	Trt	20.75	69.10	106.25	103.35	98.35	95.95
69578	Badger	Trt		39.40	60.55	58.95	56.10	54.69
76735	Badger	Unt		39.40	60.55	58.95	56.10	54.69
48265	Classic	Trt		37.75	58.05	56.50	53.75	52.42
53902	Classic	Unt		37.75	58.05	56.50	53.75	52.42
60980	Delirio - Orange	Trt	22.25	73.90	113.65	110.55	105.20	102.62
88540	Delray S10® - Yellow	Unt	18.75	61.95	95.25	92.65	88.20	86.02
44825	Double Up	Trt		36.50	56.10	54.60	51.95	50.66
108146	Dragonfly - Purple	Trt	23.50	78.05	120.05	116.80	111.15	108.42
60738	Flavorburst - Yellow	Trt	12.25	40.30	61.95	60.30	57.35	55.95
89662	Mercer	F300		65.90	101.35	98.60	93.85	91.52
88050	Nitro S10®	Trt		70.40	108.25	105.30	100.25	97.76
89287	Oranos - Orange Specialty	Trt	41.50	137.65	211.70	206.00	196.05	191.23
85338	Paladin	Trt		50.05	76.95	74.90	71.25	69.50
83420	Placepack	Trt		76.15	117.15	114.00	108.50	105.82
109866	Prism Mix - Various	Trt	21.50	70.90	109.05	106.10	101.00	98.50
60955	Procraft	Trt		48.45	74.50	72.50	69.00	67.28
84935	Prodigy	Trt		60.80	93.50	91.00	86.60	84.46
83288	Provider	Trt		73.25	112.65	109.60	104.30	101.75
86934	Regulator	Trt		71.70	110.30	107.30	102.15	99.61
89503	Regulator	Unt/Pr		71.70	110.30	107.30	102.15	99.61
84684	Samurai S10®	Trt		65.50	100.75	98.05	93.30	91.00
86218	Shogun S10®	Trt		69.75	107.25	104.35	99.30	96.86
93241	Standout	Trt		61.20	94.10	91.55	87.15	85.00
84688	Tequila - Purple	Trt	25.75	85.55	131.60	128.05	121.85	118.85
84685	Touchdown	Trt		37.00	56.90	55.35	52.70	51.38
83578	Triology	Trt		56.20	86.40	84.05	80.00	78.04
83579	Triology	Unt		56.20	86.40	84.05	80.00	78.04
89983	Valahia - White	Trt	12.25	40.25	61.85	60.20	57.25	55.85

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds				
			100 sds	500 sds	1 M	5 M	
GREENHOUSE							
84938	Celaya	Trt	45.05	201.25	300.30	279.31	
84689	Dicaprio	Trt	72.35	323.15	482.30	448.63	
69686	Milena	Trt	49.65	221.65	330.75	307.65	
84691	Sprinter	Trt	52.00	232.20	346.55	322.33	
MINI							
			100 sds	500 sds	1 M	5 M	
84692	Orange You Sweet	Trt	9.75	43.40	64.75	60.20	
88704	Right on Red	Trt	9.00	40.20	60.00	55.78	
88705	Yes To Yellow!	Trt	9.00	40.20	60.00	55.78	
83267	Orange Sweetie	Film/Trt	25.35	113.20	168.95	157.14	
83265	Red Sweetie	Film/Trt	25.35	113.20	168.95	157.14	
83266	Yellow Sweetie	Film/Trt	25.35	113.20	168.95	157.14	
91398	Sweetie Mix	Film/Trt	26.65	118.90	177.40	165.00	
89349	Lemon Delite	Trt	45.80	204.60	305.30	284.00	
89351	Orange Delite	Trt	45.80	204.60	305.30	284.00	
89350	Ruby Delite	Trt	45.80	204.60	305.30	284.00	
91399	Delite Mix	Trt	47.45	211.80	316.05	294.00	
88298	Peppi Red	Trt	21.00	93.60	139.70	129.95	
88299	Peppi Yellow	Trt	21.00	93.60	139.70	129.95	
SWEET BANANA/HUNGARIAN			500 sds	1 M	5 M	25 M	50 M
55948	Doblon	Trt	44.50	68.40	66.55	63.35	61.78
85332	Goddess	Trt	41.80	64.25	62.50	59.45	58.00
91406	Kacheta (UG 505316)	Trt	43.20	66.45	64.65	61.50	60.00
108306	Superette	Trt	39.25	60.35	58.70	55.90	54.50
84947	Sweet Savannah	Trt	Crop Failure				
SPECIALTY			500 sds	1 M	5 M	25 M	50 M
34131	Aruba	Trt	45.25	69.60	67.75	64.45	62.87
81022	Red Sword	Unt	46.80	72.00	70.05	66.65	65.00
107790	Sweet Cherry Large	Trt	Crop Failure				
84696	Sweet Delilah	Trt	42.80	65.80	64.00	60.90	59.40
93115	Sweet Hungarian Cheese	Unt	39.25	60.35	58.70	55.90	54.50

Prices subject to change without notice.

ANAHEIM | HYBRID

Item #	Variety	Days (TP)	Fruit Color	Fruit Size (LxW)	Scoville Rating	Resistance/Tolerance	Features
55303	CHARGER	75	Green/Deep Red	7.5x1.5"	1,000-2,000	IR:TSWV	Smooth, flat, thick walled and modestly hot. Erect vigorous plant to protect fruit load. Heavier, darker green and larger than other Anaheim varieties.

HOT BANANA/HUNGARIAN | HYBRID

Item #	Variety	Days (TP) ↓	Fruit Color	Fruit Size (LxW)	Scoville Rating	Resistance/Tolerance	Features
85014	SUPER HOT HUNGARIAN	58	Yellow/Red	8x2.5"	3,500-6,000		Traditional Hungarian hot pepper with a larger shoulder and a little more heat. Early maturing, attractive, smooth, and creamy yellow to red fruit.
59707	BLAZING BANANA	70	Yellow/Red	9x2"	3,000-6,000	IR:X spp:1-3	Consistent performer and continues to be the variety of choice. Early maturing, long, straight, smooth fruit on a strong plant. Exceptional for fresh market or processing.
93038	GOLDEN MAX	70-75	Yellow/Red	7.5-9x1.5"	8,500	IR:TSWV, X spp:1-3	Thick walled large uniform fruit that are deep in yellow color and slower maturing to red. Well structured plant type which produces great yields of high quality attractive fruit. Dual resistance to Bacterial Leaf Spot and Tomato Spotted Wilt Virus.

CAYENNE | HYBRID

Item #	Variety	Days (TP)	Fruit Color	Fruit Size (LxW)	Scoville Rating	Resistance/Tolerance	Features
83020	IBERIA	71	Dull Green/Red	11x2"	1,100	IR:TMV	Improved "Long Hot Cayenne" similar to Mesilla but is more consistent in longer fruit size, shape, and color. Vigorous continuous plant type for extended harvests and higher yields.

CHARGER



SUPER HOT HUNGARIAN



BLAZING BANANA



GOLDEN MAX



IBERIA



HOT CHERRY | HYBRID

Item #	Variety	Days (TP) ↓	Fruit Color	Fruit Size (LxW)	Scoville Rating	Features
107722	FLAT CHERRY HOT	66	Green/Red	1.25x2"	2,500-4,000	The perfect large size and flattened shape for stuffing. Early maturing to a vibrant red color. High yielding. The preferred variety for the processing industry, but also an exceptional option for retail.
108100	GRANDI RED CHERRY HOT	67	Green/Red	1.5x2.25"	5,000-6,500	Extra large sized, very "spicy" hot cherry pepper that is early maturing. Uniform size and shape with an appealing red color when mature. More round in shape than flattened.
84681	FIREBALL	75	Green/Red	1.5x1.5"	2,500-5,000	Round, uniform in size and shape. Sweet flavor initially then followed by heat. Curved stem on fruit for faster, cleaner harvest by hand or machine pick.

FLAT CHERRY HOT



GRANDI RED CHERRY HOT



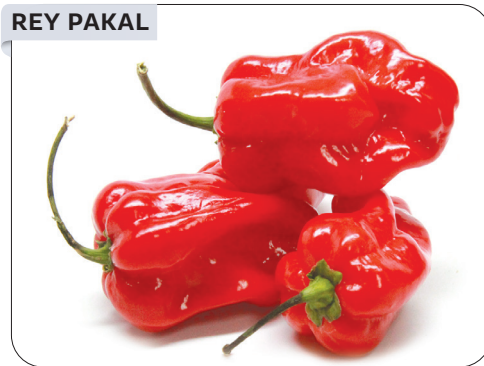
FIREBALL



HOT PEPPER

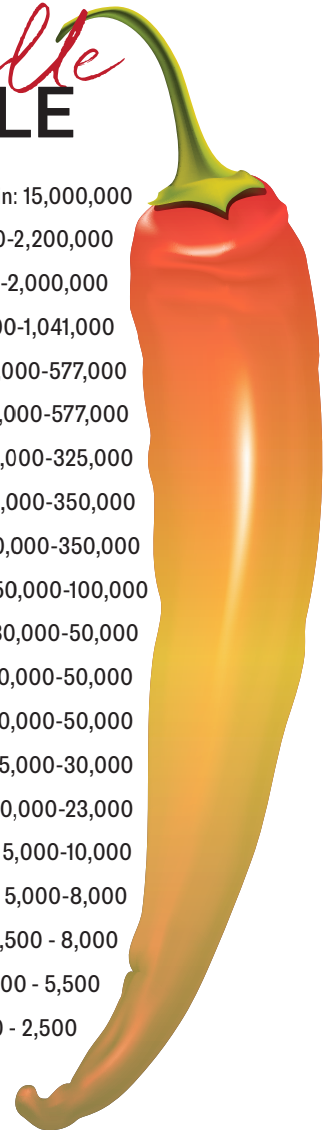
HABANERO | HYBRID

Item #	Variety	Days (TP)	Fruit Color ↓	Fruit Size (LxW)	Scoville Rating	Resistance/Tolerance	Features
55147	HELIOS	85	Green/Orange	2x1.5"	75,000		Produces large, uniform, slightly elongated but near perfect Habanero peppers, earlier than other varieties.
81869	MEGALODON	90	Green/Orange	Large	Very High		Large, uniform fruit maturing from green to orange. Medium plant with multiple branching, many fruit clusters and short internodes.
51871	REY PAKAL	90	Green/Red	1.5x2"	200,000	IR:CMV	Fruit matures from green to medium dark red color, uniform in size and shape and extremely hot. Upright and vigorous plants provide extended, easy picks.
83410	SUPER HABANERO	90	Green/Red	2x1"	200,000-350,000	IR:CMV	Large plant with excellent fruit cover. Uniform fruit that is extremely hot. Excellent in a variety of climates, including northern.



Scoville SCALE

- Pure Capsaicin: 15,000,000
- Carolina Reaper: 1,400,000-2,200,000
- Trinidad Scorpion: 1,200,000-2,000,000
- Ghost Pepper: 855,000-1,041,000
- Chocolate Habanero: 425,000-577,000
- Red Savina Habanero: 350,000-577,000
- Fatali: 125,000-325,000
- Habanero: 100,000-350,000
- Scotch Bonnet: 100,000-350,000
- Thai Peppers: 50,000-100,000
- Cayenne: 30,000-50,000
- Aji: 30,000-50,000
- Tobasco: 30,000-50,000
- Arbol: 15,000-30,000
- Serrano: 10,000-23,000
- Hungarian: 5,000-10,000
- Chipotle: 5,000-8,000
- Jalapeno: 2,500 - 8,000
- Poblano: 1,000 - 5,500
- Anaheim: 500 - 2,500
- Pepperoncini: 100-500
- Bell Peppers: 0



NO HEAT JALAPENO | HYBRID

Item #	Variety ↓	Days (TP)	Fruit Color	Fruit Size	Resistance/Tolerance	Features
84678	FELICITY	75	Green/Red	4.5-5"		Jalapeno type that is heat-less. Large, 1.25-1.5 ounces, thick walls and no pungency. Produces a continuous fruit set giving it high yield potential.
88178	TRICKSTER	75	Green/Red	3.75-4.5"	HR:X spp:1-3	Medium to large plant type continuously setting extra large, dark green, thick walled, firm, and uniform cylindrical shaped heat-less fruit. Looks may fool you!

JALAPENO | HYBRID

Item #	Variety	Days (TP) ↓	Fruit Color	Fruit Size (LxW)	Scoville Rating	Resistance/Tolerance	Features
43429	COMPADRE	70	Green/Red	3.5x1.5"	4,000-6,000	HR:TMV, X spp:2,5	Vigorous tall plants produce an abundance of large sized jalapenos with thick walls and large cavities perfect for stuffing. They get hotter as they mature from green to red. Continues to thrive and produce even under late season cool conditions.
84933	TENIENTE	70	Green/Red	Extra Large	2,500-3,500	HR:PVY:0, X spp:1-4	Compact to medium sized plant with a good canopy and concentrated fruit set. Uniform green color and high resistance to cracking.
88349	RING MAXX	72-76	Green/Red	5.5x0.75"	2,000-3000	IR:X spp:1-3	Great for processing due to its ease of de-stemming. Produces uniform, long and slim fruit. Yields more slices per fruit of thick walled rings, which are heavy in weight and increases overall recovery of usable raw and processed product.
86031	IGNACIO	74	Green/Red	5.5-6 x 0.75-1"	2,000-3,500	HR:X spp:1,3,5	Dark green, smooth fruit that are long and cylindrical making them perfect for uniform wheels or rings when slicing. Very high yielding due to strong and healthy plants. Great "Nacho" processing jalapeno variety.
83422	GABINO	76	Green/Red	4.5x1.5"	2,000-4,000	HR:X spp:1-3	Strong continuous setting plant produces very large, dark green shiny thick walled fruit. Perfect for fresh market and shipping. Moderately pungent.
85330	CATARINO	78	Green/Red	4-6x1.5"	4,000-6,000	IR:X spp:0-3,7,8	Jumbo sized, dark green fruit with broad shoulders tapered to a blunt point. Very thick walls and heavy fruit weight. Excellent shelf life. Vigorous plants and fruit setting ability assure high yield potential in all growing regions. Gowan Exclusive!

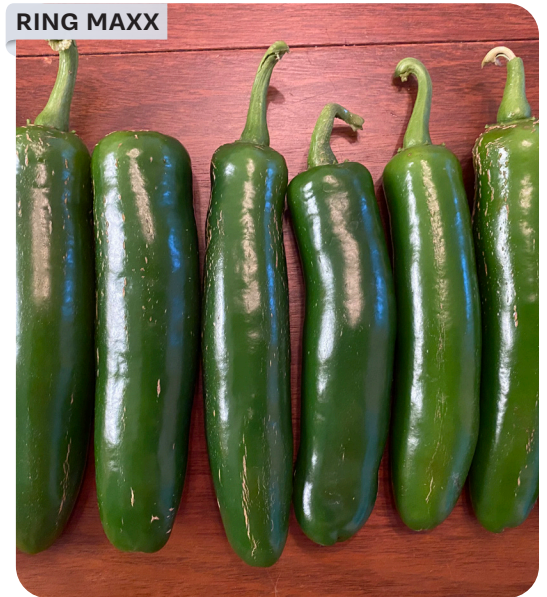
COMPADRE



TENIENTE



RING MAXX



IGNACIO



GABINO



CATARINO



HOT PEPPER

POBLANO/ANCHO | HYBRID

Item #	Variety	Days (TP) ↓	Fruit Color	Fruit Size (LxW)	Scoville Rating	Resistance/Tolerance	Features
41710	MASIVO	70-75	Dark Green	7x3"	1,500-4,000	HR:ToMV	Early maturing and concentrated first pick of extra large, 2 lobed, dark green high quality fruit. Early higher yields.
81285	HIDALGO	77	Very Dark Green	6.5x3.25"	800		Very dark green, mostly 2 lobed flattened fruit. Large size, great color, uniform desired shape. We have a Winner here!
83242	HITMAN	80	Dark Green	4.5x2"	1,000-2,000	HR:Tm:0	High yields of uniform, large, 2 lobed, dark green fruit. Medium early maturity make this pepper an excellent choice for growers throughout the eastern US. Open field with well-covered plant and fruit that provide protection from the sun.

SERRANO | HYBRID

Item #	Variety	Days (TP) ↓	Fruit Color	Fruit Size	Resistance/Tolerance	Features
91136	PATHFINDER	60-75	Green/Red	4.5-5"	HR:Tm:0, X spp:0-3,7-8 IR:Mi, Pc	Early and high yielding with excellent plant and foliar coverage. Nice dark green color, thick walls and a great shelf life. Very stable and adaptable for all planting regions.
64160	ALTIPLANO	75	Green/Red	5"		Very large, uniform fruit with high yields. One of the best varieties and well adapted for Eastern growing conditions.



SPECIALTY | HYBRID & OPEN POLLINATED

Item #	Type ↓	Variety	Days (TP)	Fruit Color	Fruit Size (LxW)	Scoville Rating	Features
85555	Bhut Jolokia	GHOST	90-100	Green/Red	2x1"	1,000,000+	New strain of Ghost pepper with improved vigor and earliness. Wrinkled fruit mature form green to red. Handle and consume this pepper with care!
90475	Scorpion	TRINIDAD SCORPION	100	Green/Yellow/Red	1-2"	1,200,000+	Fruits have a tender fruit-like flavor which makes for a sweet-hot combination. Use extreme caution when handling fruits and warn children of the dangers of these super, super hot fruits!
69675	Shishito	TAKARA Hybrid	60	Green/Red	3.5x1"	100-500	Early, uniform and prolific. Shishito peppers have small fruit but rich, mild flavor. Compact plant has a spreading habit, short internodes, is well branched and has high production potential. 1/10 th of fruit may be slightly hot.



HOT PEPPER PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds					
			500 sds	1 M	5 M	25 M	50 M	
ANAHEIM								
55303	Charger	Trt	60.45	93.00	90.50	86.10	84.00	
93401	Rubicon	Trt	60.45	93.00	90.50	86.10	84.00	
HOT BANANA/HUNGARIAN								
59707	Blazing Banana	Trt	47.55	73.10	71.10	67.65	66.00	
84950	Golden Dagger	Trt	39.25	60.35	58.70	55.90	54.50	
93038	Golden Max	Trt	40.25	61.90	60.25	57.35	55.91	
85014	Super Hot Hungarian	Unt	39.25	60.35	58.70	55.90	54.50	
CAYENNE								
83020	Iberia	Trt	44.65	68.65	66.80	63.55	62.00	
HOT CHERRY								
83343	Cherry Hot 102	Trt	29.05	44.65	43.45	41.35	40.31	
84681	Fireball	Trt	30.25	46.50	45.25	43.05	42.00	
107722	Flat Cherry Hot	Trt	39.25	60.35	58.70	55.90	54.50	
108100	Grandi Red Cherry Hot	Trt	39.25	60.35	58.70	55.90	54.50	
HABANERO								
			100 sds	500 sds	1 M	5 M	25 M	50 M
55147	Helios	Trt	8.00	34.45	53.00	51.55	49.05	47.84
81869	Megalodon	Trt	9.75	41.60	64.00	62.25	59.25	57.78
51871	Rey Pakal	Trt	11.50	49.70	76.40	74.35	70.75	69.00
83410	Super Habanero	Unt	14.50	62.40	95.95	93.35	88.85	86.67
NO HEAT JALAPENO								
84678	Felicity	Trt	35.30	54.30	52.85	50.30	49.05	
88178	Trickster	Trt	43.55	67.00	65.20	62.05	60.50	
108101	UG 577918	Trt	43.95	67.60	65.80	62.60	61.06	

Prices subject to change without notice.

Item #	Variety	Code pg 2	Price per M or per LB M=1,000 Seeds					
			500 sds	1 M	5 M	25 M	50 M	
JALAPENO								
93637	Abasolo	Unt	30.10	46.25	45.00	42.80	41.75	
86545	Ahome	Unt	34.75	53.40	51.95	49.45	48.22	
85330	Catarino	Trt	42.85	65.90	64.10	61.00	59.50	
50706	Centella	Trt	19.35	29.70	28.90	27.50	26.80	
108317	Chametla	Trt	51.95	79.85	77.70	73.95	72.10	
43429	Compadre	Trt	50.80	78.15	76.05	72.35	70.58	
84934	Cuatrero	Trt	38.20	58.70	57.10	54.35	52.99	
83422	Gabino	Trt	42.85	65.90	64.10	61.00	59.50	
86031	Ignacio	Trt	30.90	47.50	46.25	44.00	42.90	
87916	Legendario	Trt	36.30	55.80	54.30	51.70	50.40	
107463	Megatron	Trt	30.20	46.45	45.20	43.00	41.94	
88349	Ring Maxx	Trt	35.65	54.80	53.35	50.75	49.50	
84933	Teniente	Trt	28.80	44.30	43.10	41.00	40.00	
					1 oz	1/4 lb	1 lb	
84677	Jalapeno M	Trt			7.95	22.35	72.00	
109758	Jalapeno M	Unt			7.95	22.35	72.00	
POBLANO/ANCHO								
			500 sds	1 M	5 M	25 M	50 M	
81285	Hidalgo	Trt	34.25	52.65	51.25	48.75	47.56	
83242	Hitman	Trt	44.95	69.10	67.20	63.95	62.38	
41710	Masivo	Trt	34.55	53.15	51.70	49.20	48.00	
SERRANO								
			500 sds	1 M	5 M	25 M	50 M	
64160	Altiplano	Trt	33.85	52.05	50.65	48.20	47.00	
108086	Pathfinder	Trt	35.10	53.95	52.45	49.95	48.70	
SPECIALTY								
			100 sds	500 sds	1 M	5 M	25 M	50 M
85555	Ghost	Unt	13.75	58.70	90.25	87.80	83.55	81.50
69675	Takara	Trt	11.00	47.60	73.20	71.20	67.75	66.08
90475	Trinidad Scorpion	Trt	17.25	73.95	113.75	110.70	105.35	102.75

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DELITE SERIES pepper



MIRAMONTE watermelon



TONS OF FUN pumpkin



STM2255 tomato

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PUMPKIN

MINIATURE | HYBRID & OPEN POLLINATED

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/Tolerance	Features
83971	BUMPKIN <i>Hybrid</i>	90	4 oz., 2x3"	Flattened, Concave Top	Medium Ribbing	Semi-Bush		Cute hybrid for small ornamental market and has excellent edible qualities. Dark orange, strong handles, and excellent high yield potential. A big hit for novelty markets.
46157	GOLD DUST <i>Hybrid</i>	95	5.3 oz.	Flattened, Concave Top	Slight Ribbing	Semi-Bush	HR:Px	Dark orange, uniform, and high yields. Most fruit set close to the crown early and escape virus flecking. May produce up to 15% fruit that vary in shape, color, and size.
84390	WEE-B-LITTLE	95	8 oz., 3x3"	Globe	Slight Ribbing	Bush		AAS Winner! A true mini pumpkin that is very carveable. Excellent plant health on a tight bush plant.
85524	SPARK <i>Hybrid</i>	90	8 oz., 2x3.5"	Flattened, Concave Top	Slight Ribbing	Restricted Vine	IR:Px	Unique yellow and deep orange striped pumpkin with dark green, strong handles. Very vigorous plant with uniform, high yields. This ornamental is perfect for Fall decoration.
107445	JILL-BE-LITTLE	100	8.5 oz., 2.5x3-4"	Flattened, Concave Top	Deep Ribbing	Vine	IR:Px	Dark orange skin color and beautiful deep sutures make this pumpkin perfect for Fall decoration. Uniform fruit on a strong vine.
84433	FLAME <i>Hybrid</i>	90	1 lbs., 3x4.5"	Flat, Round	Slight Ribbing	Reduced Vine	HR:Px	Yellow and deep orange striped pumpkin for ornamental or eating with a high quality squash flavor. Handles are dark green and strongly attached. Reduced vines with high yields.
38184	SWEET LIGHTNING <i>Hybrid</i>	100	1-1.25 lbs., 3x5"	Flattened Top	Deep Ribbing	Semi-Bush	IR:Px	Beautiful pale yellow and orange striped squash has outstanding decorative and eating qualities. Is one of the best flavored when used as a squash.
84050	MIDNIGHT <i>Hybrid</i>	77	1-1.5 lbs.	Slightly Flattened	Deep Ribbing	Semi-Bush	IR:Px, WMV	Very dark green/black pumpkin with deep ribbing and a classic shape. Will start to turn orange approximately 2 months after storage. Great with Casperita and Orangita. Plant no earlier than June 22.
88508	ORANGITA <i>Hybrid</i>	80	1-1.5 lbs.	Flattened	Deep Ribbing	Semi-Bush	IR:Px	Excellent producer of slightly larger mini orange pumpkins. Nice deep ribbing with flesh & sugars similar to an acorn type. Great with Midnight & Casperita.
84381	HALF PINT <i>Hybrid</i>	70	1-2 lbs., 4x4"	Round	Slight Ribbing	Semi-Bush, Single Runner	IR:Px	Produces extremely uniform fruit with a beautiful bright orange color, sturdy dark green handles, and high yields. Perfect for carving, painting, or decorating.
83978	HARVEST PRINCESS <i>Hybrid</i>	90	1.5 lbs.	Flattened Top	Slight Ribbing	Semi-Bush		Tremendous yields of perfect, deep orange, ribbed, miniature pumpkins. Semi-bush plant sets numerous fruit per plant. Perfect for home garden or commercial growers.



SMALL/PIE | HYBRID

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/Tolerance	Features
87055	TOUCH OF AUTUMN	95	2.25 lbs., 6x5"	Globe	Smooth	Semi-Bush	IR:Px	Excellent handles and perfect size for boxing. High yields in fruit numbers and pounds per acre.
67284	JACK SPRAT	100	3 lbs., 5x6"	Round, Blocky	Slight Ribbing	Restricted Vine	HR:Px	Consistent performance with high yields of dark orange, uniform size and shape pumpkins. Embedded dark green handles.
69515	PRANKSTER	85	3 lbs., 6x4"	Round	Shallow Ribbing	Semi-Bush	IR:Px	Uniform size and shape. Good size for boxing, painting and the school market.
84389	ANNABELLE	90	3 lbs., 5x4"	Slightly Tall, Round	Slight Ribbing	Restricted Vine	IR:Px	High yields, very uniform, dark orange with a strong handle. Perfect for wholesale boxing and consumer table top decor. A very nice small pumpkin.
85287	EARLY ABUNDANCE	95	4-6 lbs.	Round	Medium Ribbing	Full Vine	IR:Px	Dark orange color, uniform shape with strong, thick handles.
84401	SUNLIGHT	100	4-6 lbs.	Round	Slight Ribbing	Vine	IR:Px	AAS Winner! Unique bright yellow pie sized pumpkin. Nice uniform size, shape and color with great handles.
84395	BISBEE GOLD	90	4.5-6lbs., 6.5x6.5"	Round	Slight Ribbing	Semi-Bush	HR:Px	Pie sized, gorgeous dark orange fruit with jet black handles. Has tremendously refined ribbing and high resistance to Powdery Mildew. Early maturing on Semi- Bush plant.
84397	FALL SPLENDOR PLUS	105	5-6 lbs., 6x8"	Round, Blocky	Medium Ribbing	Restricted Vine	IR:Px	Uniform, smooth, dark orange pumpkin with good handles on a strong vine. Excellent yield potential of high quality fruit. Great for school kids.
87595	HOT CHOCOLATE	95	5-8 lbs. 6x6"	Round, Blocky	Medium Ribbing	Full Vine	IR:Px	New and unique chocolate colored pie pumpkin that is an "Eye Catcher". Perfect shape and attractive ribbing. Strong dark green handles with a great attachment. The kids will love it!
94455	FORT KNOX	90	6 lbs., 7x7"	Round	Medium Ribbing	Medium Vine	HR:Px	Dark Orange, high yielding with a handle that appears as indestructible as its namesake. Great for school kids.
84398	HIJINKS	100	7-9 lbs., 7.5x8"	Round, Blocky	Medium Ribbing	Vine		AAS Winner! Extremely uniform in size and shape. Nice long, dark green handle, making this variety great for kids and Fall decorating.



PUMPKIN

MEDIUM to LARGE CARVER | HYBRID

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/Tolerance	Features
89015	DARK NIGHT	100	8-10 lbs.	Globe	Medium-Deep Ribbing	Vine	IR:Px	Unique black pumpkin which will retain color if planted after June 20th in the mid-west. Smaller shoulders, globe shape with moderate deep ribbing. Excellent shelf life.
108077	SAND GHOST	95	10-12 lbs.	Round	Slight Ribbing	Semi-Vine		An exceptional addition to your fall color display. Unique in color but true to characteristics of a great edible pumpkin. Uniformity of size, shape, thick long dark handles, and strong roots for high yields.
84408	MELLOW YELLOW	100	12-15 lbs.	Slightly Tall	Moderate Ribbing	Full Vine	IR:Px	True bright yellow color pumpkin with uniform size. Will be a great addition to your orange and white pumpkin display.
88223	CARBONADO GOLD	100	15-18 lbs.	Round, Oval	Medium Ribbing	Vine, Aggressive	IR:Px	Very dark orange color, moderate ribbing, strong dark green embedded handles and very uniform in both size and round shape. Perfect for packing 40 count bins.
84409	SECRETARIAT	105	15-18 lbs.	Slightly Flattened	Medium Ribbing	Vine	IR:Px	Dark orange with thick handles on a medium vine. Very productive with multiple fruit per plant. Perfect size and shape for packing and shipping bins.
84403	BAYHORSE GOLD	100	15-20 lbs.	Slightly Tall, Round	Medium Ribbing	Vine	HR:Px	Uniform, slightly elevated with strikingly gorgeous, very dark orange fruit and elongated dark handles. Can be used for roadside sales or wholesale shipping in 40 count bins.
88507	FALCON	100	17-20 lbs.	Round, Oval	Moderate Ribbing	Vine	IR:Px:1,2	Dark burnt orange color with dark embedded handles. Strong plant, uniform shape, great color and moderate ribbing.

DARK NIGHT



SAND GHOST



MELLOW YELLOW



CARBONADO GOLD



SECRETARIAT



BAYHORSE GOLD



FALCON



MEDIUM to LARGE CARVER | HYBRID (Continued from previous page)

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/Tolerance	Features
85111	HAWK	95	17-20 lbs.	Slightly Tall, Round	Medium Ribbing	Semi-Bush	IR:Px	Attractive with nice deep orange color, texture, medium ribbing, and dark well rooted handle. Excellent yielder.
87188	DEATH STAR	100	18-22 lbs.	Round, Uniform	Slight Ribbing	Vine	IR:Px	Very uniform in size and shape. Perfect for 40-50 count bins. Attractive, dark orange color with thick long green embedded handle. Gowan Exclusive!
84464	SPARTACUS	100	18-22 lbs.	Round	Medium Ribbing	Full Vine	IR:Px	This 40 count, Jack-O-Lantern offers dark orange color with very large dark embedded handles.
69672	JASON	100	20-22 lbs.	Slightly Tall	Slight Ribbing	Vine	IR:Px	Deep orange color, dark green embedded handles, and reliable yields make this Jack-O-Lantern a Winner.
93247	JUSTIFY	100	20-25 lbs.	Slightly Tall, Round	Medium Ribbing	Vine	IR:Px	Beautiful burnt orange color with very strong, thick, dark green handles. Uniform with high yields.
87925	SPARTAN	95	20-25 lbs., 12x11.75"	Round, Blocky Round	Deep Ribbing	Vine	IR:Px	Deep orange color, uniform shape and size with deep green, firmly attached handles. Early maturing and maintains its large size in hot growing conditions. Strong vines and high yield potential. Excellent for shipping.
85403	EARLY KING	95	22-28 lbs.	Slightly Tall	Medium Ribbing	Full Vine	IR:Px	Early maturing on a full vine. Deep orange color, thick handles and very productive.

Continued on next page →



PUMPKIN

MEDIUM to LARGE CARVER | HYBRID (Continued from previous page)

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/Tolerance	Features
85402	EARLY GIANT	95	25-30 lbs.	Mostly Tall	Medium Ribbing	Full Vine	IR:Px	Very large, tall with excellent dark orange color. Early maturing and is productive on a full vine.
88472	TONS OF FUN	105	25-30 lbs.	Round	Medium Ribbing	Restricted Vine		An amazing variety that is uniform in large size, shape and dark orange color. Handles are long, thick and maintain a dark green color for attraction and durability. Gowan Exclusive!
84415	EL TORO	105	25-35 lbs.	Round, Blocky	Medium Ribbing	Vine	IR:Px	Very uniform in size and shape. Deep orange color with thick, green embedded handles. Excellent yield potential.
84414	CHAMPION	95	30+ lbs.	Tall, Upright	Medium Ribbing	Vigorous, Medium		A big Jack-O-Lantern with earlier maturity. Tall upright shape. Attractive, medium sized handles, ribbing and color.
84412	BIG DORIS	100-105	30-35 lbs.	Round, Slightly Tall	Medium Ribbing	Vine		Large, uniform Jack-O-Lantern with thick dark green handles and burnt orange color. Good setting ability. Productive.
84416	HULK	100	35+ lbs., 15x13"	Barrel	Medium Ribbing	Vine		Extra large barrel shape with a very dark orange color and 5" embedded handles. Has the ability to set several large, uniform size and shape pumpkins on one plant.
84417	LARGE MARGE	105	30-40 lbs., 13x13"	Round, Blocky	Medium Ribbing, Wrinkled	Full Vine		Extremely large with dark embedded handles to match the fruit size. Nice dark orange color.
82170	CAPTAIN JACK	100-110	30-40+ lbs., 15x13"	Barrel	Medium Ribbing	Long Vine, Vigorous		Very large, uniform size, dark orange color and shape. Superior yields with multiple pumpkins per plant.

EARLY GIANT



TONS OF FUN



EL TORO



CHAMPION



BIG DORIS



HULK



LARGE MARGE



CAPTAIN JACK



GIANT | HYBRID & OPEN POLLINATED

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/Tolerance	Features
109009	ATLANTIC GIANT	120	50-100+ lbs.	Variable	Deep Ribbing	Large Vine		Big Pumpkin competitors will limit the vine to one fruit which can result in "humungous" sized pumpkins.
56880	WORLD OF COLOR Hybrid	120	50-125 lbs.	Variable	Medium Ribbing	Vigorous Vine		A blend of Monster sized pumpkins that are dark Red-Orange, White, Pink, Blue and Peach. All will be pumpkin shaped and will definitely create a brilliant display of Autumn colors.
85299	MONSTER SMASH Hybrid	120	50-150 lbs.	Round, Slightly Flattened	Medium Ribbing	Large Vine		Very attractive extra large uniform fruit with a bright orange color. Round/slightly flattened with moderately defined ribbing. Optimum spacing @ 12' rows, 6' between plants.

ATLANTIC GIANT



WORLD OF COLOR



MONSTER SMASH



WARTED | HYBRID

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/Tolerance	Features
84418	BABY BUMPS	95	3-5 lbs.	Round	Warted	Vine		Pie size of superior warted pumpkins. Orange and green warts are sturdy for shipping and shelf life.
84420	GRIZZLY BEAR	95	5-8 lbs.	Round	Warted	Vine	IR:Px	Light brown color with warts and bumps. A real novelty pumpkin that will attract all your customers!
61425	GOOSE BUMPS II	95	8-12 lbs., 8x8"	Round	Warted	Vine		Uniform size, shape, and heavily covered with orange and green warts and bumps. Sturdy warts for bins and shipping.
82098	KNUCKLEHEAD	105	12-16 lbs., 12x10"	Slightly Tall, Round	Warted	Vine		If Unique is what you seek, look no further than Knuckle Head! Heavily warted with orange warts and bumps.
84421	KNUCKLEHEAD II	105	12-16 lbs., 12x10"	Slightly Tall, Round	Warted	Vine		Heavily warted with green and orange durable warts and bumps. Unique carveable Jack-O-Lantern.
89397	SCARFACE	105	15-19 lbs.	Slightly Tall, Round	Warted	Vine		Improved Knucklehead II that is more heavily warted, has a rounder shape and is larger in size.

BABY BUMPS



GRIZZLY BEAR



GOOSE BUMPS II



KNUCKLEHEAD



KNUCKLEHEAD II



SCARFACE



PUMPKIN

WHITE | HYBRID & OPEN POLLINATED

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/Tolerance	Features
83977	GOOLIGAN <i>Hybrid</i>	95	4oz., 2x3"	Flattened, Concave Top	Deep Ribbing	Vine		Hybrid Baby Boo type. Excellent yields. Vigorous vines with excellent cover, plants set high numbers of unique fruit. Edible!
90319	BABY BOO	90	5.3 oz., 2x3"	Flattened, Concave Top	Deep Ribbing	Full Vine		Palm sized, pure white Jack-Be-Little type that are enjoyable to look at as they are to eat. Great table top decoration.
88506	CASPERITA <i>Hybrid</i>	77	0.5-1 lbs., 3.5x4.5"	Flattened	Deep Ribbing	Semi-Bush	IR:Px:2, WMV	Outstanding miniature ornamental pumpkin that has edible flesh with sugar and texture comparable to acorn squash. Has strong green handles and holds its color well. Great with Midnight and Orangita.
78362	SNOWBALL <i>Hybrid</i>	90	1-2 lbs.	Round	Smooth	Vine	IR:Px	Bright white, with smooth round shape and super long green handles. Has the ability to hold nice white color under stress but also recommend to harvest when mature to protect from the sun.
93003	ICICLE <i>Hybrid</i>	105	2 lbs.	Round, Slightly Flattened	Slight Ribbing	Restricted Vine	IR:Px	Very uniform in size and shape. Perfect bright white pie pumpkin with strong handles on a restricted vine.
81780	BLANCO <i>Hybrid</i>	105	4-6 lbs.	Round	Medium Ribbing	Restricted Vine		Uniform flattened shape, medium ribbing and long handles. Great for growers who require a consistent high quality white pumpkin. The stay white gene extends the harvest window.
89135	WHITE GOLD <i>Hybrid</i>	90	8 lbs., 8.75x7.5"	Round	Slight Ribbing	Medium Vine		Bright white true hybrid pumpkin that is very uniform in size and shape. Handle is sturdy and embedded. Color maintains white and stays fresh looking long after harvest. A perfect size and in a class of its own.
69673	MOONSHINE <i>Hybrid</i>	100	8-12 lbs.	Round	Medium Ribbing	Vine		Very uniform, smooth, and perfect for decorating or carving. Long, dark green handles. Avg. 3-4 fruits per plant.
64758	WHITE FLAT BOER FORD <i>Hybrid</i>	110-120	10-15 lbs., 6x12"	Flattened, Concave Top	Medium Ribbing	Full Vine	HR:Px	A unique flat, white pumpkin. A must have for decorating, stackable, or to eat. White color holds well. Orange interior flesh.



GOOLIGAN



BABY BOO



CASPERITA



SNOWBALL



ICICLE



BLANCO



WHITE GOLD



MOONSHINE



WHITE FLAT BOER FORD

WHITE | HYBRID & OPEN POLLINATED (Continued from previous page)

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/Tolerance	Features
110137	ABOMINABLE <i>Hybrid</i>	105	11-15 lbs.	Round	Slight Ribbing	Vine	HR:Px	Large with a strong handle, high yields, and good white color holding ability.
84064	STELLA LUNA <i>Hybrid</i>	95	12-15 lbs	Round, Slightly Flattened	Slight Ribbing	Vine	IR:Px	Heavy yields of uniform fruit with an attractive color. Trailing vine habit.
89843	STAR 7001 <i>Hybrid</i>	90	18-25 lbs.	Round, Flattened	Medium Ribbing	Semi-Bush		Improvement over White Flat Boer Ford and White Knight. Uniform, better vigor, and plant type. Shallower stem attachment and smaller blossom end scar for better appearance and post-harvest life.
85936	CRYSTAL STAR	100	25-35 lbs., 11x12"	Round	Smooth	Medium Vine		Bright white smooth skin is perfect for painting. Maintains its true white color through maturity.
56572	POLAR BEAR <i>Hybrid</i>	100	30-65 lbs.	Round	Slight Ribbing	Vigorous Vine		Retains its color after maturity in the field, at market, and in decorative displays. Long, vigorous vines produce on average one fruit per plant of true white pumpkins.



SPECIALTY: FALL ORNAMENTAL, EDIBLE | HYBRID & OPEN POLLINATED

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape/Color	Texture	Plant Type	Resistance/Tolerance	Features
84442	BLAZE <i>Hybrid</i>	100	3 lbs. 3.5x7"	Flat, Round, Yellow, Orange	Slight Ribbing	Restricted Vine	IR:Px	Ornamental yellow and deep orange striped pumpkin with dark green, strong handles. Vigorous plant will give you top yields.
82481	BLACK FUTSU	100	3-5 lbs.	Flat, Round, Blue, Green Matures to Tan	Ribbing, Extremely Rough	Medium Vine		Unique! Small, bumpy, heavily ribbed Japanese squash with gold flesh and a nutty flavor. Edible thin skin doesn't require peeling. Productive vines have medium sprawl and very heavy fruit set.
84065	GOLDEN BUTTA BOWL <i>Hybrid</i>	82-85	3.3-5.5 lbs.	Orange	Slight Ribbing	Bush	IR:Px	High quality, deep yellow flesh, orange shell with greenish blossom end. Excellent flesh with high dry matter. Bush habit with high yields that are early and compact.
84060	TROLL	85	3.5-5.5 lbs., Square, Round	Reddish Orange, Green	Heavy Ribbing	Semi-Vine		High quality flavorful deep yellow flesh great for eating. High dry matter. Add this unique squash to any Fall displays.

Continued on next page →



PUMPKIN

SPECIALTY: FALL ORNAMENTAL, EDIBLE | HYBRID & OPEN POLLINATED (Continued from previous page)

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape/Color	Texture	Plant Type	Resistance/Tolerance	Features
84453	TURK'S TURBAN	100	5 lbs.	Turban Shaped	Smooth	Vine		Red, yellow, orange, and green colored gourd has white stripes and a scarlet top. Flesh is orange, thick, and perfect for baking and stuffing. Can be used in fall displays and resemble a colorful turban.
49330	SILVER MOON <i>Hybrid</i>	95-100	5-6 lbs.	Flattened, Pale Blue	Medium Ribbing	Vine	IR:Px, ZYMV	Australian type, very pale blue with silvery white striping and speckling, dark orange color flesh. Produces uniform shape and size fruit.
109940	SMALL PUMPKIN PILEUP 	90-100	5-10 lbs.	Blue, Green, Pink, Red-Orange, and White	Deep Ribbing	Vine		A charming assortment of smaller stacking pumpkins, ranging from 5 to 10 lbs. Perfect for creating an enchanting and diverse farm market display!
89497	JARRADALE	100	7-8 lbs., 6x12"	Flattened, Blue-Grey	Deep Ribbing	Full Vine		Australian type known for its edible and decorative qualities. Attractive blue color.
107628	MARINA DE CHIOGGIA	95-100	7-8 lbs.	Flattened Globe, Grey, Green	Deep Ribbing, Bumpy	Vigorous Vine		Beautiful Italian heirloom squash is grey-green with ridges and bumps that resemble waves. Sweet orange flesh excellent for soup, roasting, and baking.
91583	LONG ISLAND CHEESE	108	6-10 lbs.	Round, Flattened, Tan	Slight Ribbing	Vine		An heirloom variety great for decoration because of its flattened shape, ribbing and tan color. Thick orange flesh which is edible and tasty. Often used for pies. Long storage.
85842	JADE KNIGHT <i>Hybrid</i>	90	7-10 lbs.	Oblate, Green	Deep Ribbing	Vine	IR:Px:2, ZYMV	Unique specialty pumpkin with deep ribbing and bright yellow high quality flesh. High yields.

TURK'S TURBAN



SILVER MOON



SMALL PUMPKIN PILEUP



JARRADALE



MARINA DE CHIOGGIA



LONG ISLAND CHEESE



JADE KNIGHT



SPECIALTY: FALL ORNAMENTAL, EDIBLE | HYBRID & OPEN POLLINATED (Continued from previous page)

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape/Color	Texture	Plant Type	Resistance/Tolerance	Features
88511	PORCELAIN PRINCESS <i>Hybrid</i>	100	7-10 lbs.	Oblate, Flattened, Pink	Deep Ribbing	Trailing Vine	IR:Pcu, Px	Tabletop pink pumpkin smaller than Porcelain Doll Improved. Great for decoration or eating. Attractive with bright orange flesh that tastes great. Excellent yielder.
79583	AMERICAN TONDO	100	8-10 lbs.	Round, Yellow/Orange, Green	Broad Ribbing	Full Vine		Attractive and unique ornamental squash, deep orange skin with mottled green stripes between its thick orange ribs. When the fruit is young it is a two-tone speckled green and can be eaten like squash.
91452	JESTER <i>Hybrid</i>	100	8-10 lbs.	Blocky, Oval, Reddish/Orange	Heavy Ribbing	Vine	IR:Px	Specialty reddish/orange skinned pumpkin has a blocky, oval shape with heavy ribbing and light warts. Grows on a semi-trailing plant with good yields that set early on the vine.
88970	COLORADO SUN	100	8-12 lbs.	Flattened, Round, Red Shades with Blue Streaks	Heavy Ribbing	Full Vine		Unique stacker with distinct ribbing. Multi-colors of various red shades with blue streaks. Excellent storage life.
91573	TRIAMBLE	105	8-12 lbs.	Triangular, Blue, Green	Deep Ribbing	Vigorous Vine		Triangular shaped heirloom variety with dry, sweet flesh. Wonderful flavor and flesh quality great for eating, baking, or ornamentals.
83983	UGLY DUCKLING	100	8-13 lbs.	Slightly Flattened, Reddish Orange, Variable	Slight Ribbing	Vine		French heirloom ornamental pumpkin (Cinderella type). Skin color ranges from pale yellow to a deep dark orange with an occasional green stripe. Do not expect uniformity in size, shape, or color.
83969	AUTUMN BUCKSKIN <i>Hybrid</i>	110	12-15 lbs., 8X13"	Slightly Flattened, Buff	Deep Ribbing	Large Vine		Dickenson hybrid developed for both processing and decorative markets. Unique buff colored rind and deep orange flesh with very high sugars. Excellent yields with up to 5 pumpkins per plant.

Continued on next page →

PORCELAIN PRINCESS



AMERICAN TONDO



JESTER



COLORADO SUN



TRIAMBLE



UGLY DUCKLING




AUTUMN BUCKSKIN



PUMPKIN

SPECIALTY: FALL ORNAMENTAL, EDIBLE | HYBRID & OPEN POLLINATED (Continued from previous page)

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape/Color	Texture	Plant Type	Resistance/Tolerance	Features
84007	CUSHAW GREEN STRIPED	112	12-16 lbs.	Curved Neck, Creamy White with Green Mottled Stripes		Large Vine		Sweet pale yellow flesh is tasty and can be used for pies, canning, or stock. Long neck with bulbous stem end. Good for ornamental displays.
80039	RITZ Hybrid	100	14-20 lbs.	Oblate, Round, Reddish	Slight Ribbing	Vine		Round to oblate, slightly ribbing reddish skin great for carving. Large and good yielding with a trailing vine habit.
91436	ROUGE VIF D'ETAMPES Cinderella	105-110	15-20 lbs., 6x15"	Flattened, Concave Top	Smooth to Slight Ribbing	Large Vine		Known as "Cinderella" or French Pumpkin, our strain is consistently more uniform in size, shape and red/orange color than other Cinderella types on the market.
91455	MR. FUGLY	100	15-20 lbs.	Mostly Round, Pale Orange	Deep Ribbing	Vine		Pale orange skin with dimpling. An excellent yielder of large, heavy fruit. Great for carving. Kind of ugly, kind of cute!
88509	PORCELAIN DOLL IMPROVED	110	15-20 lbs.	Oblate, Flattened	Deep Ribbing	Trailing Vine	IR:Pcu, Px	Improved Exotic Pink color compared to Porcelain Doll when mature and planted at a population under 2,000 plants/acre. Expect the same deep orange, sweet flesh.
109941	LARGE PUMPKIN PILEUP 	95-105	15-25 lbs.	White, Red, Blue, Pink, and Orange	Ribbing Varies from Moderate to Deep	Vine		Elevate your fall display with this colorful blend of larger stacking pumpkins, ranging from 15 to 25 lbs. Ensures an eye-catching presentation for your retail farm market!
83974	FAIRYTALE	115	20 lbs., 6x15"	Flattened, Buff	Deep Ribbing	Long Vine		Gorgeous, big, flat fruits are heavily ribbed and look similar to large wheels of cheese. Ripen to a rich brown when fully ripe. Deep orange flesh is very fine grained, one of the best for baking. Long season maturity.

Continued on next page →

CUSHAW GREEN STRIPED



RITZ



ROUGE VIF D'ETAMPES



MR. FUGLY



PORCELAIN DOLL IMPROVED



LARGE PUMPKIN PILEUP



FAIRYTALE



SPECIALTY: FALL ORNAMENTAL, EDIBLE | HYBRID & OPEN POLLINATED (Continued from previous page)

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape/Color	Texture	Plant Type	Resistance/Tolerance	Features
84434	ONE TOO MANY	110	20 lbs., 14x14"	Mostly Round, White with Red Veins	Course Netting	Large Vine		A unique novelty pumpkin. The fruit skin has a white background with red veins that crawl across the surface; thus the appearance of a blood shot eyeball and perhaps "One Too Many".
91576	RED WARTY THING	110	20 lbs., 14x14"	Round, Bright Orange	Warty	Large Vine		Good eating hubbard type with a very hard, thick and colorful rind. Well suited for the unusual decorative market.
91456	BLUE DOLL <i>Hybrid</i>	100	20-24 lbs.	Square, Exotic Blue	Deep Ribbing	Full Vine	IR:Px	Blue toned color, square, blocky shaped pumpkin with deep sutures. Flesh is deep orange and can be used for soup, pies and pastry. Unique!
91451	INDIAN DOLL	100	20-24 lbs.	Almost Square, Deep Orange	Deep Ribbing	Full Vine	IR:Pcu, Px	Vibrant orange exterior, sweet orange flesh for sweet treats and soups. Attractive for Fall decorations also.
83984	AUTUMN COLORS CUSHAW	105	Up to 25 lbs.	Curved Neck, Orange, Green on White	Smooth	Large Vine		Unique shape and color combination add spice to any fall display. Sweet golden flesh is excellent for baking and cooking.
107629	GALEUX D'EYSINES <i>Peanut</i>	95-100	25-28 lbs.	Pink with Beige Bumps		Vine		Unique and beautiful with bumps that resemble peanuts. Shape similar to a wheel of cheese. Fall display and great for baking, as its orange flesh is smooth and sweet.
84010	CUSHAW ORANGE	110	25-35 lbs.	Long Curved Neck, Dark Green with Golden/Orange Mottling		Vigorous Full Vine		Large fruit with oblong-butternut shape. Skin good for home or market growers. Orange will fade to tan in storage, but taste will remain full and fresh.

ONE TOO MANY



RED WARTY THING



BLUE DOLL



INDIAN DOLL



AUTUMN COLORS CUSHAW



GALEUX D'EYSINES



CUSHAW ORANGE



PUMPKIN PRICING

Item #	Variety	Code pg 2	Price per M or per LB					M=1,000 Seeds
			250 sds	1 M	3 M	30 M	75 M	
MINIATURE								
84433	Flame	Trt	31.30	97.60	93.35	89.05	85.60	
46157	Gold Dust	FI400	21.05	56.05	52.80	50.30	49.00	
72845	Gold Speck	FI400	25.55	68.10	64.85	62.35	61.05	
84381	Half Pint	FI400	18.00	53.25	50.95	48.60	46.70	
107445	Jill-Be-Little	FI400	11.60	31.95	30.55	29.15	28.00	
84050	Midnight	Trt	24.30	74.10	70.85	67.60	65.00	
88508	Orangita	FI400	28.90	89.50	85.60	81.65	78.50	
84062	Orangita	Trt	26.80	82.65	79.05	75.40	72.50	
89029	Orangita	Unt	26.80	82.65	79.05	75.40	72.50	
85524	Spark	Trt	31.60	98.50	94.20	89.90	86.40	
38184	Sweet Lightning	FI400	24.00	64.00	60.75	58.25	56.95	
86249	Sweet Lightning	Trt	22.85	60.85	57.60	55.10	53.80	
84390	Wee-B-Little	FI400	14.30	38.05	34.80	32.30	31.00	
			1 oz	1/4 lb	1 lb	5 lb	25 lb	
83971	Bumpkin	Unt	13.75	37.10	123.45	118.90	114.30	
83978	Harvest Princess	Unt	12.00	32.40	108.00	104.00	100.00	
SMALL / PIE								
			250 sds	1 M	3 M	30 M	75 M	
84389	Annabelle	FI400	25.70	78.70	75.25	71.80	69.00	
85809	Annabelle	Unt	23.30	70.70	67.60	64.50	62.00	
84395	Bisbee Gold	FI400	39.30	104.80	101.55	99.05	97.75	
85525	Bisbee Gold	Trt	36.95	98.50	95.25	92.75	91.45	
78263	Chucky	FI400	34.20	107.20	102.50	97.80	94.00	
88279	Darling	FI400	28.20	87.30	83.50	79.65	76.56	
90630	Early Abundance	F300	27.30	84.20	80.50	76.80	73.82	
85287	Early Abundance	FI400	30.60	95.25	91.05	86.90	83.51	
66889	Fall Splendor	Trt	27.10	83.60	79.95	76.30	73.33	
84397	Fall Splendor Plus	FI400	32.30	100.70	96.30	91.85	88.31	
94455	Fort Knox	FI400	40.35	107.50	104.25	101.75	100.45	
84398	Hijinks	FI400	32.30	100.70	96.30	91.85	88.31	
87595	Hot Chocolate	FI400	42.10	133.40	127.55	121.70	117.00	
67284	Jack Sprat	FI400	32.30	100.70	96.30	91.85	88.31	
89016	Naked Bear	Unt	27.40	84.50	80.80	77.10	74.10	
69515	Prankster	FI400	24.40	65.05	61.80	59.30	58.00	
84401	Sunlight	FI400	39.70	125.40	119.90	114.40	110.00	
87055	Touch of Autumn	FI400	14.20	37.75	34.50	32.00	30.70	
MEDIUM TO LARGE CARVER								
			250 sds	1 M	3 M	30 M	75 M	
84403	Bayhorse Gold	FI400	42.85	114.15	110.90	108.40	107.10	
84412	Big Doris	FI400	34.20	107.20	102.50	97.80	94.00	
82170	Captain Jack	FI400	35.50	111.35	106.45	101.60	97.65	
88223	Carbonado Gold	FI400	44.40	118.40	115.15	112.65	111.35	
88473	Cargo PMR	Trt	18.10	57.80	49.58	42.79		
85491	Carrie	FI400	19.80	59.30	56.70	54.10	52.00	
84414	Champion	Trt	17.90	57.45	49.41	42.64		
89015	Dark Night	Trt	41.60	131.70	125.90	120.15	115.50	
87188	Death Star	FI400	35.30	110.80	105.90	101.05	97.15	
84404	Diablo	FI400	35.50	111.35	106.45	101.60	97.65	
84361	Eagle	Trt	25.30	77.55	74.15	70.75	68.00	
85402	Early Giant	FI400	30.90	96.15	91.90	87.70	84.30	
85403	Early King	FI400	31.20	97.15	92.90	88.65	85.20	
88722	Early Prince	FI400	31.60	98.50	94.20	89.90	86.40	
84415	El Toro	FI400	35.50	111.35	106.45	101.60	97.65	
84407	Eros	FI400	34.20	107.20	102.50	97.80	94.00	
88507	Falcon	FI400	37.60	118.60	113.40	108.20	104.00	
85540	Gold Medal	FI400	26.90	71.65	68.40	65.90	64.60	

Prices subject to change without notice.

Item #	Variety	Code pg 2	Price per M or per LB					M=1,000 Seeds
			250 sds	1 M	3 M	30 M	75 M	
MEDIUM TO LARGE CARVER (Continued)								
45948	Hannibal	FI400	34.20	107.20	102.50	97.80	94.00	
85111	Hawk	FI400	34.90	109.45	104.65	99.85	96.00	
84363	Hawk	Trt	32.80	102.60	98.10	93.60	90.00	
84416	Hulk	FI400	35.50	111.35	106.45	101.60	97.65	
69672	Jason	FI400	23.30	70.70	67.60	64.50	62.00	
93247	Justify	FI400	33.10	103.50	98.95	94.40	90.75	
84417	Large Marge	FI400	35.50	111.35	106.45	101.60	97.65	
84408	Mellow Yellow	FI400	39.70	125.40	119.90	114.40	110.00	
108077	Sand Ghost	FI400	45.50	144.80	138.45	132.10	127.00	
84409	Secretariat	FI400	33.10	103.50	98.95	94.40	90.75	
84410	Skidoo Gold	FI400	36.90	98.35	95.10	92.60	91.30	
84464	Spartacus	FI400	35.50	111.35	106.45	101.60	97.65	
87925	Spartan	FI400	27.70	85.50	81.75	78.00	74.98	
66290	Spartan	Trt	25.70	78.70	75.25	71.80	69.00	
88472	Tons of Fun	FI400	35.20	110.60	105.75	100.90	96.98	
GIANT								
			100 sds	250 sds	1 M	3 M	30 M	
85299	Monster Smash	Trt	63.15	116.95	311.85	308.60	306.35	
56880	World of Color	Trt	65.85	121.95	325.15	321.90	319.65	
			1 oz	1/4 lb	1 lb	5 lb	25 lb	
109009	Atlantic Giant	Unt	9.50	25.80	85.90	82.70	79.50	
WARTED								
			250 sds	1 M	3 M	30 M	75 M	
84418	Baby Bumps	FI400	40.40	127.70	122.10	116.50	112.00	
89004	Bad Jelly	FI400	39.70	125.40	119.90	114.40	110.00	
94101	Fright	FI400	48.20	128.50	125.25	122.75	121.45	
61425	Goose Bumps II	FI400	40.40	127.70	122.10	116.50	112.00	
84420	Grizzly Bear	FI400	39.70	125.40	119.90	114.40	110.00	
82098	Knucklehead	FI400	36.90	116.30	111.20	106.10	102.00	
84421	Knucklehead II	FI400	36.90	116.30	111.20	106.10	102.00	
89397	Scarface	FI400	40.40	127.70	122.10	116.50	112.00	
WHITE								
			100 sds	250 sds	1 M	3 M	30 M	
110137	Abominable	FI400	16.50	27.20	83.70	80.05	76.35	
90319	Baby Boo	Trt	4.75	7.90	19.35	18.50	17.65	
81780	Blanco	FI400	19.00	31.50	98.25	93.95	89.65	
88506	Casperita	FI400	19.75	32.70	102.05	97.60	93.10	
79933	Cotton Candy	FI400	12.00	19.75	52.55	49.30	46.80	
85936	Crystal Star	FI400	50.75	84.30	224.75	221.50	217.70	
86471	Full Moon	Trt	37.00	61.30	197.55	188.85	180.20	
83977	Gooligan	FI400	6.50	10.60	28.50	27.25	26.00	
93003	Icicle	FI400	20.00	33.10	103.50	98.95	94.40	
90366	Moon Beam	Trt	24.50	40.60	128.35	122.75	117.10	
89013	Moon Stacker	Trt	23.25	38.60	122.00	116.65	111.30	
69673	Moonshine	FI400	24.00	39.70	125.40	119.90	114.40	
56572	Polar Bear	Trt	29.35	55.00	187.10	159.05	148.50	
78362	Snowball	FI400	24.00	39.70	125.40	119.90	114.40	
89843	Star 7001	MQC	12.75	21.10	63.60	60.80	58.00	
84465	Star 7001	FI400	12.75	21.10	63.60	60.80	58.00	
84064	Stella Luna	Trt	11.25	18.50	54.90	52.50	50.10	
69470	White Flat Boer Ford	Trt	10.50	17.20	50.55	48.35	46.15	
89135	White Gold	FI400	27.25	45.20	120.50	117.25	114.75	
			1 oz	1/4 lb	1 lb	5 lb	25 lb	
54098	Valenciano	Unt	14.30	32.60	104.68	94.70	87.00	

Pricing continued on next page →

PUMPKIN PRICING (CONTINUED)

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds						
			100 sds	250 sds	1 M	3 M	30 M	75 M	
SPECIALTY: FALL ORNAMENTAL, EDIBLE									
82481	Black Futsu	Unt	14.50	24.10	72.80	69.65	66.50	63.30	
84442	Blaze	Trt	24.25	40.10	126.70	121.10	115.55	111.10	
91456	Blue Doll	FI400	22.50	37.50	118.30	113.10	107.90	103.75	
88970	Colorado Sun	Trt	27.00	44.80	135.70	129.80	123.90	118.00	
83974	Fairytale	FI400	12.50	20.80	62.45	59.70	56.95	54.75	
107629	Galeux D'eyesines	FI400	16.50	27.30	72.75	69.75	67.75	66.75	
84065	Golden Butta Bowl	Trt	11.50	18.80	56.95	54.45	52.00	49.50	
91451	Indian Doll	FI400	22.25	36.80	115.75	110.65	105.60	101.50	
84056	Indian Doll	Trt	21.00	34.70	108.90	104.10	99.35	95.50	
85842	Jade Knight	Trt	20.25	33.40	104.35	99.75	95.20	91.50	
89497	Jarradale	FI400	7.50	12.30	34.15	32.65	31.15	29.95	
91452	Jester	FI400	20.25	33.40	104.35	99.75	95.20	91.50	
109941	Large Pumpkin Pileup	FI400			120.85	115.55	110.25	106.00	
107628	Marina De Chioggia	FI400	19.50	32.10	85.55	82.55	80.55	79.55	
89011	Mint Prince	Trt	19.50	32.20	100.35	95.95	91.55	88.00	
84061	Moonscape	Trt	12.75	20.90	62.70	59.95	57.20	55.00	
91455	Mr. Fugly	FI400	14.25	23.40	71.25	68.15	65.00	62.50	
84434	One Too Many	FI400	42.50	70.65	188.30	185.05	182.55	181.25	
88510	Porcelain Doll	FI400	30.25	50.30	160.75	153.70	146.65	141.00	
88509	Porcelain Doll Improved	FI400	38.50	64.00	206.35	197.30	188.25	181.00	
88511	Porcelain Princess	FI400	33.25	55.40	177.85	170.05	162.25	156.00	
80039	Ritz	Trt	12.75	20.90	62.70	59.95	57.20	55.00	
91436	Rouge Vif D'Etampes (Cinderella)	FI400	18.75	30.90	96.05	91.85	87.65	84.25	
89526	Scampkin	Trt	13.50	22.20	67.25	64.30	61.35	58.95	
49330	Silver Moon	FI400	18.50	30.60	95.20	91.05	86.85	83.50	
109940	Small Pumpkin Pileup	FI400			108.30	103.55	98.80	95.00	
89527	Tandy	Trt	15.75	26.00	79.80	76.30	72.80	70.00	
84060	Troll	Trt	18.00	29.90	92.95	88.85	84.80	81.50	

Item #	Variety	Code pg 2	Price per LB				
			1 oz	1/4 lb	1 lb	5 lb	25 lb
SPECIALTY: FALL ORNAMENTAL, EDIBLE (Continued)							
83969	Autumn Buckskin	Trt	10.25	27.90	92.90	89.45	86.00
83984	Autumn Colors Cushaw	Unt	10.25	27.90	92.90	89.45	86.00
79583	American Tondo	Trt	10.00	27.00	81.80	76.65	73.00
84007	Cushaw Green Striped	Unt		6.50	21.35	20.55	19.75
84010	Cushaw Orange	Unt		11.70	38.90	37.45	36.00
90347	Kentucky Field	Unt		8.60	28.65	27.60	26.50
91583	Long Island Cheese	FI400	12.75	35.10	106.15	99.50	94.75
91576	Red Warty Thing	FI400	11.00	29.70	98.80	95.15	91.45
91573	Triamble	FI400	12.25	33.20	100.55	94.25	89.75
84453	Turk's Turban	FI400	6.00	13.75	41.55	39.95	
83983	Ugly Duckling	Trt	8.75	23.40	77.80	74.90	72.00

Prices subject to change without notice.



FarMore® F1400 Cucurbits

FarMore® F1400 insecticide and fungicide combination seed treatment technology helps maximize cucurbit production by enhancing performance and quality.

Superior Disease Protection: Providing early-season protection against certain diseases including rhizoctonia spp., fusarium spp., pythium spp., and general damping-off and seedling blight.

Excellent Early-Season Insect Protection: F1400 technology contains a second generation neonicotinoid, thiamethoxam, which protects against excessive foliage damage in young plants from cucumber beetles, flea beetles, and leafminers. Thiamethoxam also eliminates or reduces the chance of virus transmission by certain insects including aphids, thrips and whiteflies.

PLANT POPULATION CHART

Use this chart to determine how many seeds you need to plant per acre.
 Example: Spacing between rows is 36", plant seed every 6" within the row = a minimum of 29,038 per acre. Multiply by how many acres you need for a total.
 For more plant population guidelines, see the inside back cover.

Spacing in Row	19"	20"	21"	30"	36"	38"	40"	42"	60"
1	330,112	313,008	238,952	209,076	174,228	165,056	156,804	119,476	104,544
1.5	220,080	208,672	199,136	139,384	106,152	110,040	104,536	99,568	69,696
2	165,056	156,504	149,352	104,538	87,114	82,528	78,402	74,676	52,272
2.5	132,052	125,203	119,476	83,634	69,696	66,026	62,726	59,738	41,818
3	110,040	104,336	99,568	69,692	58,076	55,020	52,268	49,784	34,848
4	82,528	78,252	74,686	52,269	43,557	41,264	39,201	37,338	26,136
5	66,026	62,602	59,738	41,817	34,848	33,013	31,363	29,869	20,909
6	55,020	52,168	49,784	34,846	29,038	27,510	26,134	24,892	17,424
7	47,162	44,715	42,672	29,870	24,891	23,581	22,402	21,336	14,935
8	41,264	39,126	37,358	26,134	21,778	20,632	19,600	18,679	13,068
10	33,012	31,301	29,870	20,908	17,423	16,506	15,680	14,935	10,454
12	27,510	26,084	24,892	17,423	14,519	13,755	13,067	12,446	8,712

RADISH » RUTABAGA

HYBRID & OPEN POLLINATED

Item #	Variety ↓	Days (DS)	Root Shape/Color	Top Height	Features
40961	CHERRIETTE <i>Hybrid Performax®</i>	24	Round, Bright Red	Short	Uniform size and shape and grows well under warm conditions. Use for bunch or cello. Widely adapted, proven performance.
84649	CRUNCHY KING <i>Hybrid Performax®</i>	22-28	Globe, Scarlet Red	Medium	Fantastic quality. External red and brilliant white interior. Uniform size and shape. Crunchy King has it all. Bunch or Cello, take it to the bank!
74592	CRUNCHY ROYALE <i>Hybrid Performax®</i>	25	Round, Bright Red	Medium Tall	Widely adapted and proven performance in all production areas and soil types. Best in Spring/Fall. Tops are perfect for bunching or machine harvest cellos. Expect large diameter, brilliant red exteriors, white interiors, and clean tops if bunching.
84672	FIREBALL <i>Hybrid Performax®</i>	25	Round, Dark Red	Medium Tall	Excellent dark red roots with uniform, medium tall tops. Rich red roots are uniformly large and round, making a beautiful bunch of crisp, peppery snacks or salad garnish. High yield potential.
81868	STARGAZER <i>Specialty</i>	55-60	Globe, Green Top, White Bottom, Pink Center	Medium Tall	Watermelon radish. Rosy pink interior, green and white exterior. Unique, easy to grow, mild, great taste, juicy texture and an eye catcher. Recommended to plant in summer and harvest in Fall.

CHERRIETTE



CRUNCHY KING



CRUNCHY ROYALE



FIREBALL



STARGAZER



RADISH PRICING

Item #	Variety	Code pg 2	Price per M or LB			M=1,000 Seeds	
			1 M	10 M	50 M	250 M	1000 M
89053	Bodiam RZ	Trt	1.41	1.35	1.25	1.11	
104719	Bodiam RZ	Unt	1.41	1.35	1.25	1.11	
40961	Cherriette - Performax®	Trt	2.04	1.94	1.80	1.60	
84649	Crunchy King - Performax®	Trt	2.14	2.04	1.89	1.68	
79308	Crunchy King	Unt	1.80	1.72	1.59	1.42	
74592	Crunchy Royale - Performax®	Trt	2.04	1.94	1.80	1.60	
84672	Fireball - Performax®	Trt	2.04	1.94	1.80	1.60	
79593	Melito	Trt	1.59	1.51	1.40	1.25	
81868	Stargazer	Trt	7.45	3.02	2.88	2.67	2.38
DAIKON			1 M	10 M	50 M	250 M	1000 M
42650	April Cross	Trt	16.75	13.30	12.67	11.73	10.47
			1 oz	1/4 lb	1 lb	5 lb	25 lb
65311	Minowase Summer Cross #3	Trt	25.48	85.36	254.81	235.86	210.59
O.P.					1 lb	5 lb	25 lb
87917	Champion	Trt			12.94	12.23	11.76

Prices subject to change without notice.

RUTABAGA

OPEN POLLINATED

Item #	Variety	Days (DS)	Features
78468	LAURENTIAN	95	Smooth, globe shaped roots with finely grained, crisp flesh. Tops grow 15-18" tall. Recommended for shipping, processing and storage.

RUTABAGA PRICING

Item #	Variety	Code pg 2	Price Per LB			
Prices subject to change without notice						
			1/4 lb	1 lb	10 lb	50 lb
78468	Laurentian	Trt	13.55	40.45	38.65	37.44

LAURENTIAN



HYBRID

Item #	Variety ↓	Days	Leaf Type	Suggested Season	Market Use	Resistance/Tolerance	Features
93464	CABEZON RZ	30-50	Semi-Savoy	Summer	Mature Fresh, Baby Leaf	HR:Pe:1-19	Upright growing habit making it easy to harvest the oval shaped, thick savoyed, glossy dark green leaves. Performs well harvested in warmer temperatures and resists damp off disease pressure.
50830	CARMEL	35-60	Semi-Savoy	Fall	Mature Fresh, Baby Leaf	HR:Pe:1-11,13,15,16	Very dependable, uniform upright growth with dark green semi-savoyed leaves. Best suited for cooler season harvests for baby, clipped and bunched markets.
62777	KOOKABURRA RZ	35-50	Semi-Savoy	Spring, Summer, Fall	Baby Leaf, Mature Fresh	HR:Pe:1-13,15	Early semi-savoy, very dark, glossy, oval leaves with an upright growing habit. Uniform in leaf type. Strong against yellow leaves, cotelydons and colletotrichum. Replaces Crocodile.
78502	LAKESIDE	25-50	Smooth	Spring, Summer, Fall	Baby Leaf, Bunch, Clip	HR:Pe:1-11,15-16 IR:Pe:12,14	Versatile variety that can be used for babyleaf, bunch or clip. Round to oval, thick dark green smooth leaves.
45657	MARABU RZ	25-55	Smooth	Summer	Baby Leaf, Fresh Market, Processing	IR:CMV, Pe:1-10,15	Smooth, dark green leaves with upright growth. Widely adapted and can be used for baby leaf, clip, bunch and processing markets.

CABEZON RZ



CARMEL



KOOKABURRA RZ



LAKESIDE



MARABU RZ



SPINACH PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds				
Prices subject to change without notice.			10 M	50 M	500 M	1000 M	5000 M
91424	Blobfish RZ	Trt				0.43	0.41
93464	Cabezon RZ	Trt	0.60	0.50	0.45	0.43	0.41
83709	Cabezon RZ	Unt	0.70	0.60	0.55	0.52	0.50
50830	Carmel	Trt	0.60	0.50	0.46	0.44	0.42
93591	Fantail RZ	Trt				0.43	0.41
90432	Inca	Unt	0.55	0.45	0.41	0.39	0.38
62777	Kookaburra RZ	Trt	0.60	0.50	0.45	0.43	0.41
78502	Lakeside	Trt	0.60	0.48	0.44	0.42	0.40
81825	Lorikeet RZ	Trt	0.55	0.45	0.41	0.40	0.38
45657	Marabu RZ	Trt	0.60	0.50	0.45	0.43	0.41

SQUASH - ZUCCHINI

ZUCCHINI | HYBRID

Item #	Variety	Days (DS) ↓	Color	Plant Type	Resistance/Tolerance	Features
83158	GREEN MACHINE	43	Medium Green	Semi-Open	IR:CMV, Px, WMV, ZYMV	Consistently a top performer in the Midwest and East Coast for high yields of quality fruit. Has open, labor-friendly plant habit.
85346	SPINELESS BEAUTY	43	Medium Green	Open, Medium Vigor, Spineless Leaves and Petioles		Eastern adapted variety produces high yields of glossy, high-quality fruit on truly spineless plant.
81922	SPINELESS PERFECTION	44	Medium Green	Strong, Open, Upright, Spineless Leaves and Petioles	IR:Px, WMV, ZYMV	Classic Spineless Beauty-type producing high glossy, rich green color on an open, upright plant. Easy to pick.
79333	SPINELESS SUPREME	44	Medium-Dark Green	Open, Erect, Spineless Petioles	IR:CMV, PRSV, Px, WMV, ZYMV	Glossy, club-shaped fruit with spineless petioles. Improved disease package which keeps plant healthy throughout the season to maximize yield.
79794	PAYROLL	47	Medium Green	Open, Upright, Reduced Spines	IR:Px, WMV, ZYMV	Widely adapted, upright plant performs well under spring and summer conditions and produces smooth, attractive fruit.
85343	GOLDEN GLORY <i>Golden</i>	50	Deep Gold	Open, Upright	IR:Px, WMV, ZYMV	Produces high yields of quality, smooth, uniform, golden yellow fruit. Open plant and nearly spineless plant which means less fruit damage at harvest.
64593	TROOPER	50	Medium-Dark Green	Strong, Upright	IR:PRSV, Px, WMV, ZYMV	Strong upright plant produces an abundance of 8x1.5" cylindrical, medium-dark, smooth, lightly speckled fruit. The open plant and few spines make for easy picking. Gowan Exclusive!

GREEN MACHINE



SPINELESS BEAUTY



SPINELESS PERFECTION



TROOPER



SPINELESS SUPREME



PAYROLL



GOLDEN GLORY



YELLOW STRAIGHTNECK | HYBRID

Item #	Variety	Days (DS) ↓	Color	Plant Type	Resistance/Tolerance	Features
86597	BLONDE BEAUTY	40	Glossy Yellow, Green Stem	Open		Very early maturing with beautiful 5-7" glossy yellow fruit. Easy to pick, open plant, and petioles are spineless.
36053	ENTERPRISE	41	Yellow, Green Stem	Vigorous		Proven performance, adaptability and outstanding yield potential.
85311	GOLDPRIZE	42	Light Yellow, Green Stem	Open, Semiprostrate	IR:WMV, ZYMV	Glossy, firm fruit, thick necks and reduced roughness on early picks. Excellent quality with uniform shape for high-quality pack. Easy pick.
85097	GRANDPRIZE	42	Deep Yellow, Green Stem	Erect, Semi-Open, Reduced Spines	IR:Px, WMV, ZYMV	Classy fruit appearance, very productive. Glossy deep yellow fruit with strong outer walls. Excellent disease package.
84446	SMOOTH CRIMINAL	50	Yellow, Green Stem	Open, Upright		Almost spineless, upright plants. Easy to pick 6" attractive fruit with good neck girth.

BLONDE BEAUTY



GOLDPRIZE



GRANDPRIZE



ENTERPRISE



SMOOTH CRIMINAL



YELLOW CROOKNECK | HYBRID

Item #	Variety	Days (DS) ↓	Color	Shape	Plant Type	Resistance/Tolerance	Features
84009	DELTA	42	Butter Yellow, Green Stem	Crookneck	Vigorous	IR:Px	Very productive with resistance to powdery mildew. Vigorous dense bush plant that produce classic crookneck shape fruit with a green stem and a butter yellow color.
88036	GOLD STAR	42	Deep Golden Yellow, Green Stem	Semi-Crookneck	Vigorous, Reduced Spines	IR:CMV, Px	Glossy, smooth, dark yellow fruit on a vigorous plant with reduced spines. Improved disease package.
85342	GENTRY	43	Golden Yellow, Green Stem	Semi-Crookneck	Vigorous, Reduced Spines		Consistent performer. Boasts broad adaptability, producing smooth, high-quality fruit with a small blossom scar.

DELTA



GOLD STAR



GENTRY



SQUASH - SUMMER

SPECIALTY | HYBRID

Item #	Variety	Days (DS)	Size (HxW), Shape	Color	Plant Type	Resistance/Tolerance	Features
67533	CUE BALL <i>Round Zucchini</i>	35-40	3", Round	Pale Green, White Mottles	Vigorous Bush, Upright, Open	IR:WMV, ZYMV	Very productive with multiple harvests and easy picking. Nice shiny fruit are round and have excellent flavor. Compliments Eight Ball and One Ball.
69288	EIGHT BALL <i>Round Zucchini</i>	40-45	3", Round	Dark Green, Flecked	Vigorous Bush, Upright, Open		Very productive with multiple harvests and easy picking. Nice shiny fruit are round and have excellent flavor. Compliments Cue Ball and One Ball.
38376	ONE BALL <i>Round Zucchini</i>	35-40	3", Round	Golden Yellow	Vigorous Bush, Upright, Open	IR:WMV, ZYMV	Golden yellow with green stars on both ends. Very productive with multiple harvests and easy picking. Nice shiny fruit are round and have excellent flavor. Compliments Cue Ball and Eight Ball.
107454	ISHTAR <i>Gray</i>	35-40	5-6", Cylindrical	Pale Green	Open, Semi-Erect	IR:WMV, ZYMV	Middle Eastern type, very productive. Excellent disease package.
84013	PETER PAN <i>Scallop</i>	49	2x3", Scallop	Light Green	Bush		Flat shaped pale green scallop with sweet, delicious flavor.
89431	SUNBURST <i>Scallop</i>	50	2.5x3", Scallop	Deep Yellow, Green Stem	Compact Bush		AAS Winner! Delivers exceptional buttery, nutty flavor that is maintained in both baby or full-size markets.

CUE BALL



EIGHT BALL



ONE BALL



ISHTAR



PETER PAN



SUNBURST



ZUCCHINI SQUASH PRICING

Item #	Variety	Code pg 2	Price per M					M=1,000 seeds
			250 sds	1 M	3 M	30 M	55 M	
84020	Cash Machine	Fl400	27.30	82.50	78.90	75.30	71.70	
85340	Cashflow	Fl400	26.70	80.90	77.40	73.85	70.32	
85341	Everglade	Fl400	30.00	90.65	86.70	82.75	78.79	
85343	Golden Glory	Fl400	27.20	82.25	78.70	75.10	71.51	
83158	Green Machine	Fl400	26.80	81.10	77.55	74.05	70.48	
89684	Green Machine	Unt	25.10	75.95	72.65	69.35	66.01	
85344	Paycheck	Fl400	33.00	99.70	95.35	91.00	86.66	
85345	Payload	Fl400	34.80	105.35	100.75	96.20	91.59	
79794	Payroll	Fl400	29.40	88.85	85.00	81.15	77.25	
85346	Spineless Beauty	Fl400	23.10	69.70	66.65	63.65	60.59	
81922	Spineless Perfection	Fl400	31.20	94.40	90.30	86.20	82.05	
79333	Spineless Supreme	Fl400	32.80	99.30	94.95	90.65	86.31	
64593	Trooper	Trt	25.50	77.05	73.70	70.35	67.00	

Prices subject to change without notice.

SUMMER SQUASH PRICING

Item #	Variety	Code pg 2	Price per M or LB					M=1,000 seeds
			250 sds	1 M	5 M	40 M	80 M	
YELLOW STRAIGHTNECK								
86597	Blonde Beauty	Fl400	20.75	59.15	52.30	50.55	49.55	
36053	Enterprise	Fl400	16.30	49.30	47.15	45.00	42.84	
27337	Fortune	Fl400	11.20	33.80	32.35	30.85	29.38	
85311	Goldprize	Fl400	23.70	71.55	68.45	65.30	62.19	
85097	Grandprize	Fl400	27.10	82.05	78.50	74.95	71.34	
84446	Smooth Criminal	Fl400	19.60	59.10	56.50	53.95	51.35	
YELLOW CROOKNECK								
84009	Delta	Trt	8.80	26.60	25.45	24.30	23.10	
85342	Gentry	Fl400	13.70	41.35	39.55	37.75	35.93	
88036	Gold Star	Fl400	17.10	51.80	49.55	47.30	45.01	
SPECIALTY								
67533	Cue Ball	Trt	19.70	59.45	56.85	54.30	51.68	
69288	Eight Ball	Trt	23.40	70.80	67.70	64.65	61.53	
107454	Ishtar	Fl400	17.90	54.20	51.85	49.50	47.10	
38376	One Ball	Trt	23.40	70.80	67.70	64.65	61.53	
89431	Sunburst	Fl400	22.20	67.00	64.10	61.20	58.25	
1 oz 1/4 lb 1 lb 5 lb 20 lb								
84013	Peter Pan	Unt	9.00	24.70	74.80	70.10	66.75	

Thank you for your business!

ACORN | HYBRID & OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Size (HxW)	Color	Plant Type	Resistance/Tolerance	Features
88505	GALAXY <i>Hybrid</i>	75	6x5"	Dark Green	Compact Bush	IR:Px	Developed to have reduced ground spot with exceptional dark green color that holds longer in storage than similar varieties. Its compact unique upright plant type and high yields have made Galaxy a standout variety. Gowan Exclusive!
93174	GOLDBLOCKS <i>Hybrid</i>	78	4x4"	Bright Orange	Compact Bush	IR:Px	AAS Winner! Hands down a "Winner" for uniform size and attractive bright orange mature fruit. Continuous setting for high yields on a compact bush plant. Has delightful tasty rich "Nutty" flavor.
78608	AUTUMN DELIGHT <i>Hybrid</i>	80	6x5"	Dark Green	Semi-Bush	IR:Px	Large fruit with excellent quality. Popular powdery mildew resistant variety.
79792	HEART OF GOLD <i>Hybrid</i>	80	5.5x4.5"	Cream, Green Stripes	Semi-Bush		Attractive coloring for table or decoration. Fine flesh with higher sugar than most other Acorn squash.
39151	TABLE GOLD	80	6x5"	Golden Orange	Compact Bush		Very productive with excellent fruit set. Attractive exterior color.
108119	MASHED POTATOES <i>Hybrid</i>	90	1.5-2 lbs.	White	Compact Vine		Beautiful bright shiny white acorn squash that holds its color into late Fall. Interior flesh is white which when baked and fluffed resembles mashed potatoes. Very productive, typically producing 3-4 large fruit per plant on a compact vine.
84012	FESTIVAL <i>Hybrid</i>	100	5x4"	Mottled Orange, Green, Yellow	Semi-Bush		Excellent for eating and decorating. Bright colors of orange, yellow and splashes of green. Fruit shape is between an acorn and sweet dumpling.

GALAXY



GOLDBLOCKS



AUTUMN DELIGHT



HEART OF GOLD



TABLE GOLD



MASHED POTATOES



FESTIVAL




SQUASH - WINTER

BUTTERCUP/KABOCHA | HYBRID & OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Weight, Size (HxW)	Shape, Color	Plant Type	Features
108269	DELICA <i>Hybrid</i>	85	3.75-4 lbs., 7x4"	Oval, Dark Green	Vigorous Vine	North America standard for Kabocha. Wide adaptability, vigorous with good fruit setting ability. Sweet and flavorful.
84454	SWEET MAMA <i>Hybrid</i>	85	4 lbs., 8-9x5"	Oval, Dark Green	Semi-Bush, Single Vine	AAS Winner! Dry, sweet, nutty flavor of deep yellow flesh. Stores well.
70365	AMBERMAX <i>Hybrid</i>	90-95	3 lbs., 6x5"	Oval, Orange, Red	Full Vine	Orange, red exterior with light orange stripes. Exceptional sweet flavor with smooth texture. Uniform fruit on compact plant. Excellent storage.
83987	BURGESS BUTTERCUP	95	3-5 lbs., 6x5"	Blocky, Dark Green	Bush	The most popular strain of buttercup squash. Creamy, deep orange flesh with rich, sweet flavor.



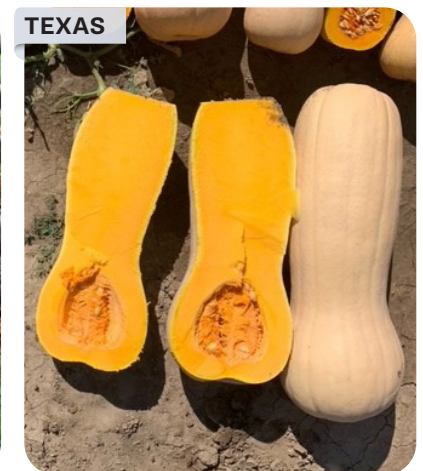
BUTTERNUT | HYBRID & OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Weight, Size (LxW)	Color	Primary Use	Plant Type	Resistance/Tolerance	Features
67134	BETTERNUT 900 <i>Hybrid</i>	80	3 lbs., 8-9"	Light Tan	Fresh Market	Semi-Bush	IR:Px	Excellent fresh market "boxing" type. Uniform size, shape and color on a productive semi-bush plant. Early maturing.
91450	EARLY NUTTER <i>Hybrid</i>	80-90	4-5 lbs.	Beige	Fresh Market	Vigorous Vine	IR:Px	Thick neck with slight bell shape. Very attractive beige color and a rich orange interior flesh which is nutty, buttery delicious. Outstanding yields of uniform fruit.
94211	HONEYNUT 	85	0.5-1 lb., 4-5x2.5-4"	Dark Tan	Fresh Market	Restricted Vine		Uniform, personal size with exceptional sweet, small fruit. Darker skin color and dark orange flesh. High yields.
84469	AVALON <i>Hybrid</i>	88	4 lbs., 7-9x4"	Tan	Fresh Market	Vine		Consistently out performs other hybrid butternut varieties. Uniform fruit with firm, fine texture and sweet interior that matures to dark orange.
94374	CERES <i>Hybrid</i>	90-95	3.5-4.5 lbs.	Tan	Fresh Market	Vigorous Vine	IR:Px	Early maturing fresh market variety with a traditional butternut shape and a very smooth exterior with little to no ribbing.
84472	GRANITE <i>Hybrid</i>	95	3-3.5 lbs., 9.5x3.5"	Tan	Fresh Market	Restricted Vine		Premium choice for fresh market butternut with improved appearance, uniform size and shape. Very productive.



BUTTERNUT | HYBRID & OPEN POLLINATED (Continued from previous page)

Item #	Variety	Days (DS) ↓	Weight, Size (LxW)	Color	Primary Use	Plant Type	Resistance/Tolerance	Features
93547	WALTHAM	95	3-4 lbs., 8-10x3"	Light Cream to Tan	Fresh Market	Vigorous Vine		AAS Winner! Widely adapted. Hard, tough rind which makes it a good choice for storage. Flesh is extremely fine, sweet and light yellow.
90849	ULTRA Hybrid	96	4-18 lbs.	Light Tan	Processing	Vine		Best variety for you when tonnage counts. Specific for processing, dehydrating or freezing. Size varies on growing season. Flesh is dark orange, fine and sweet.
60630	ATLAS Hybrid	100-110	5-7 lbs., 13x5.5"	Creamy Tan	Fresh Market, Processing	Short Vine		Produces high yields of large, uniform, fruit with dark orange flesh. Cylindrical necks and slight bulb end make it easier to cut and prepare for cooking. Ideal for processing.
80734	QUANTUM Hybrid	100-110	2.5-4.5 lbs., 10x5"	Tan	Fresh Market, Processing	Vigorous Vine		Exceptional uniformity of size and shape with thick necks and small seed cavity. Great exterior and interior quality for box/ship and peel/tray pack. Widely adapted.
87059	GENESIS Hybrid	105-110	5 lbs., 4x12"	Tan	Fresh Market, Processing	Vine	HR:Px	A processing-type butternut that is extra large in size with a thick, long neck and little to no ribbing. Good storability, vigorous strong vines with high yield potential.
107549	TEXAS Hybrid	110	12-15 lbs.	Tan	Processing	Vigorous Vine	IR:Px, ZYMV	Uniform size and shape with attractive rich orange flesh. Thick neck with slight bell shape great for processing markets. Outstanding yields!



CALABASA | HYBRID

Item #	Variety	Days (DS)	Color	Size/Weight	Plant Type	Features
94401	LA ESTRELLA	125 Northern US 70 Florida Winter	Green and Tan	11.5", Oval 10 lbs. Northern US Summer 6 lbs. Florida Winter	Vine	Compact plants produce concentrated sets of 3-4 fruits per plant. Uniform fruit size and superior flesh color.



SQUASH - WINTER

DELICATA | OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Color	Size/Weight	Plant Type	Features
69775	SWEET DUMPLING	82	Cream, Green Mottled Stripes	4.5x3.5"	Medium Vine	Light yellow interior flesh is smooth with a sweet and delicate flavor. Beautiful squash can be used for cooking and ornamentals.
91587	DELICATA	100	White, Green Stripes	2-3 lbs.	Vine	AAS Winner! Colorful with fine grained, sweet flesh, Skin is tender enough to eat. Excellent for stuffing and baking, even right at harvest.
87027	BUSH DELICATA	105	White, Green Stripes	5-6", 2 lbs.	Bush	AAS Winner! Bright yellow-orange flesh that is sweet and smooth with a nutty flavor. High yielding.

SWEET DUMPLING



DELICATA



BUSH DELICATA



HUBBARD | HYBRID & OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Weight	Color	Plant Type	Features
86574	STAR 7053 Hybrid	80-90	11-17 lbs.	Dark Green	Vine	Increased yield potential in summer plantings. Vigorous plant producing large, uniform fruit with thick, orange, firm flesh.
84483	RED OCTOBER Hybrid	90	5-6 lbs.	Red Orange	Vine	Beautiful red orange hubbard that is productive and a great compliment for mixed bins. Very uniform size and shape. Edible and ornamental.
59373	BLUE MAGIC Hybrid	95	4-6 lbs.	Blue Gray	Semi-Vine	Unique mini hubbard with the normal shape and flesh qualities of the hubbard family. Excellent eating quality and can be used for fall decorations.
84008	CHICAGO WARTED	105	12-16 lbs.	Dark Green, Black	Vigorous Vine	Vigorous vine, dark green/black hard shell covered in warts. Dry, sweet yellow flesh. Long term storage.
84482	HEAVENLY HUBBARD Hybrid	105	15 lbs.	Blue Gray	Vigorous Vine	Hybrid based on the New England strain of Blue Hubbard. Vigorous vines with high yields of uniform fruit. Sweet, fine-textured flesh with excellent flavor.
84011	ESSEX RED	120	20 lbs.	Bright Orange	Vine	Very warty bright orange skin, hard thick rind, flavorful Hubbard/Turban cross. Introduced in 1883.

STAR 7053



RED OCTOBER



BLUE MAGIC



CHICAGO WARTED



HEAVENLY HUBBARD



ESSEX RED



SPAGHETTI | HYBRID & OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Weight, Size (HxW)	Color	Plant Type	Features
66880	PINNACLE Hybrid	85	3 lbs., 7x5"	Bright Yellow	Semi-Bush	Semi-bush plant habit allows for higher plant densities and yields per acre. Attractive bright yellow skin and fine interior flesh with nutty flavor.
84488	PRIMAVERA Hybrid	90	2.5-3 lbs., 7x4"	Light Yellow	Restricted Vine	High yielding! Excellent uniform size and shape. Consistent performer. Reduced vine compared to OP types.
42687	VEGETABLE SPAGHETTI	90	2.5-3 lbs., 10x5.5"	Light Yellow	Vigorous Vine	Popular variety that produces 2.5-3 pound fruit and has light yellow color, with noodle-like strands inside. High quality strain!

PINNACLE



PRIMAVERA



VEGETABLE SPAGHETTI



SPECIALTY WINTER: FALL ORNAMENTAL, EDIBLE | HYBRID & OPEN POLLINATED

Item #	Variety	Days (DS)	Weight ↓	Shape, Color	Plant Type	Resistance/Tolerance	Features
84489	AUTUMN FROST Hybrid	100	3.25-4 lbs.	Round, Frosted Tan	Vine	IR:Px	Ribbed, round fruit ripens to dark tan with a unique frosted overlay. Fruit is similar in taste to butternut squash, with superior quality, and rich flavor. Long shelf life allows for a supply of high-quality fruit throughout the winter season.
82481	BLACK FUTSU	100	3-5 lbs.	Flat, Round, Blue, Green Matures to Tan	Medium Vine		Unique! Small, bumpy, heavily ribbed Japanese squash with gold flesh and a nutty flavor. Edible thin skin doesn't require peeling. Productive vines have medium sprawl and very heavy fruit set.
84060	TROLL Hybrid	85	3.5-5 lbs., Square, Round	Reddish Orange, Green	Semi-Vine		High quality flavorful deep yellow flesh great for eating. High dry matter. Add this unique squash to any Fall displays.
84065	GOLDEN BUTTA BOWL Hybrid	82-85	3.3-5.5 lbs.	Square/Oblate, Orange with Green Stripes	Bush	IR:Px	High quality, deep yellow flesh, orange shell with greenish blossom end. Excellent flesh with high dry matter. Bush habit with high yields that are early and compact.

Continued on next page →

AUTUMN FROST



BLACK FUTSU



TROLL



GOLDEN BUTTA BOWL



SQUASH - WINTER

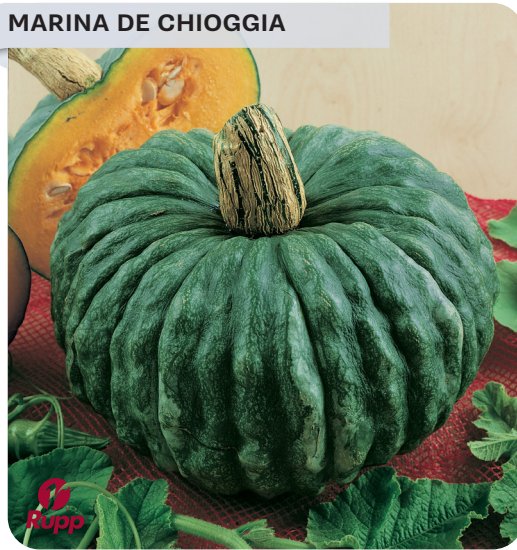
SPECIALTY WINTER: FALL ORNAMENTAL, EDIBLE | HYBRID & OPEN POLLINATED (Continued from previous page)

Item #	Variety	Days (DS)	Weight ↓	Shape, Color	Plant Type	Resistance/Tolerance	Features
57187	SPECKLED HOUND <i>Hybrid</i>	95-100	3-6 lbs.	Orange, Blue, Green	Open Vine	IR:ZYMV	Unusual looking squash for decor use but also is very tasty. Flesh is dense and yellow/orange.
107628	MARINA DE CHIOGGIA	95-100	7-8 lbs.	Flattened Globe, Grey, Green	Vigorous Vine		Beautiful Italian heirloom squash is grey-green with ridges and bumps that resemble waves. Sweet orange flesh excellent for soup, roasting, and baking.
91583	LONG ISLAND CHEESE	108	6-10 lbs.	Round, Flattened, Tan	Vine		An heirloom variety great for decoration because of its flattened shape, ribbing and tan color. Thick orange flesh which is edible and tasty. Often used for pies. Long storage.
79583	AMERICAN TONDO	100	8-10 lbs.	Round, Yellow/Orange, Green	Full Vine		Attractive and unique ornamental squash, deep orange skin with mottled green stripes between its thick orange ribs. When the fruit is young it is a two-tone speckled green and can be eaten like squash.
88970	COLORADO SUN	100	8-12 lbs.	Flattened, Round, Red Shades with Blue Streaks	Full Vine		Unique stacker with distinct ribbing. Multi-colors of various red shades with blue streaks. Excellent storage life.
91573	TRIANGLE	105	8-12 lbs.	Blue, Green	Vigorous Vine		Triangular shaped heirloom variety with dry, sweet flesh. Wonderful flavor and flesh quality great for eating, baking, or ornamentals.

SPECKLED HOUND



MARINA DE CHIOGGIA



LONG ISLAND CHEESE



AMERICAN TONDO



COLORADO SUN



TRIANGLE



SPECIALTY WINTER: FALL ORNAMENTAL, EDIBLE | HYBRID & OPEN POLLINATED (Continued from previous page)

Item #	Variety	Days (DS)	Weight ↓	Shape, Color	Plant Type	Resistance/Tolerance	Features
84007	CUSHAW GREEN STRIPED	112	12-16 lbs.	Curved Neck, Creamy White with Green Mottled Stripes	Large Vine		Sweet pale yellow flesh is tasty and can be used for pies, canning, or stock. Long neck with bulbous stem end. Good for ornamental displays.
83984	AUTUMN COLORS CUSHAW Hybrid	105	Up to 25 lbs.	Curved Neck, Orange, Green on White	Large Vine		Unique shape and color combination add spice to any fall display. Sweet golden flesh is excellent for baking and cooking.
107629	GALEUSE D'EYSINES Peanut	95-100	25-28 lbs.	Pink with Beige Bumps	Vine		Unique and beautiful with bumps that resemble peanuts. Shape similar to a wheel of cheese. Great baking, as its orange flesh is smooth and sweet.
84010	CUSHAW ORANGE	110	25-35 lbs.	Long Curved Neck, Dark Green with Golden/Orange Mottling	Vigorous Full Vine		Large fruit with oblong-butternut shape. Skin good for home or market growers. Orange will fade to tan in storage, but taste will remain full and fresh.

CUSHAW GREEN STRIPED



AUTUMN COLORS CUSHAW



GALEUSE D'EYSINES



CUSHAW ORANGE



All of your favorite stacking varieties in convenient new Pumpkin Pileup mixes!

The best mix of colors in small and large sizes.

SMALL PUMPKIN PILEUP:
page 74

LARGE PUMPKIN PILEUP:
page 76



SQUASH - WINTER

WINTER SQUASH PRICING

Item #	Variety	Code pg 2	Price per M or LB M=1,000 seeds				
			250 sds	1 M	3 M	30 M	55 M
ACORN							
78608	Autumn Delight	FI400	20.95	55.80	52.80	50.80	49.80
88505	Galaxy	FI400	18.00	54.25	51.90	49.55	47.15
93174	Goldilocks	FI400	19.60	59.20	56.60	54.05	51.45
88235	Goldilocks	Trt	18.00	54.25	51.90	49.55	47.15
79792	Heart of Gold	FI400	15.40	40.95	37.95	35.95	34.95
108119	Mashed Potatoes	FI400	13.90	42.00	40.15	38.35	36.50
67236	Table Ace	FI400	16.85	44.85	41.85	39.85	38.85
			1 oz	1/4 lb	1 lb	5 lb	20 lb
84012	Festival	Unt	13.50	37.00	112.00	105.00	100.00
39151	Table Gold	Unt	6.00	16.00	48.20	45.15	43.00
BUTTERCUP/KABOCHA							
70365	Ambermax	FI400	22.40	67.85	64.90	61.95	59.00
83987	Burgess Buttercup	FI400		21.30	20.35	19.45	18.50
108269	Delica	FI400	37.70	114.15	109.20	104.25	99.25
86414	Sunshine	Trt	19.40	58.65	56.10	53.55	51.00
84454	Sweet Mama	FI400	27.00	81.75	78.20	74.65	71.05
BUTTERNUT							
60630	Atlas	FI400	21.40	64.80	62.00	59.15	56.32
84469	Avalon	FI400	22.30	67.45	64.55	61.60	58.64
85277	Betternut 401	FI400	16.10	42.90	39.90	37.90	36.90
67134	Betternut 900	FI400	18.45	49.10	46.10	44.10	43.10
84470	Butterbaby	Trt	10.50	31.65	30.25	28.90	27.50
94374	Ceres	FI400	22.80	69.00	66.00	63.00	59.99
108118	Desert Lark	Trt	20.70	62.70	59.95	57.25	54.50
91450	Early Nutter	FI400	21.90	66.15	63.25	60.40	57.50
87059	Genesis	FI400	22.80	69.00	66.00	63.00	59.99
84472	Granite	FI400	20.70	62.55	59.80	57.10	54.36
94211	Honeynut	FI400	9.80	29.60	28.30	27.00	25.70
84481	Lauda	FI400	15.90	48.15	46.05	43.95	41.85
64689	Maxim	Unt	18.70	56.65	54.15	51.70	49.22
89528	Naragansett	Trt	16.20	48.90	46.75	44.65	42.50
94335	Polaris	FI400	20.70	62.50	59.80	57.05	54.32
90483	Prism	Trt	18.70	56.65	54.15	51.70	49.22
80734	Quantum	FI400	21.40	64.80	62.00	59.15	56.32
107549	Texas	FI400	18.30	55.20	52.80	50.40	48.00
90849	Ultra	FI400	21.90	66.25	63.35	60.45	57.57
85411	Ultra	Trt	20.80	62.80	60.05	57.30	54.57
82828	Ultra	Unt	20.80	62.80	60.05	57.30	54.57
93547	Waltham	FI400		14.00	13.40	12.80	12.15
84475	Yukon	FI400	19.00	57.50	55.00	52.50	49.99
89634	Zodiac	FI400	18.60	56.35	53.90	51.45	48.99
CALABASA							
94401	La Estrella	FI400	16.10	42.90	39.90	37.90	36.90

Item #	Variety	Code pg 2	Price per M or LB M=1,000 seeds				
			250 sds	1 M	3 M	30 M	55 M
DELICATA							
87027	Bush Delicata	FI400	14.35	38.15	35.15	33.15	32.15
104678	Delicata JS	FI400	8.00	24.15	23.10	22.05	21.00
91587	Delicata	FI400	8.00	24.15	23.10	22.05	21.00
			1 oz	1/4 lb	1 lb	5 lb	20 lb
69775	Sweet Dumpling	Trt	15.50	42.60	128.80	120.75	115.00
HUBBARD							
84482	Heavenly Hubbard	Trt	64.20	194.45	186.00	177.55	169.05
85745	Hubba Hubba	FI400	25.50	77.05	73.70	70.35	67.00
84483	Red October	FI400	25.50	77.05	73.70	70.35	67.00
86574	Star 7053	FI400	27.50	83.30	79.70	76.05	72.42
			1 oz	1/4 lb	1 lb	5 lb	20 lb
59373	Blue Magic	Unt	13.50	37.00	112.00	105.00	100.00
84008	Chicago Warded	Unt		9.00	27.20	25.50	24.25
84011	Essex Red	Unt	10.00	27.40	82.90	77.70	74.00
84019	Golden Hubbard	Unt		9.60	28.85	27.05	25.75
SPAGHETTI							
66880	Pinnacle	FI400	28.80	87.15	83.35	79.55	75.76
84488	Primavera	FI400	22.80	69.00	66.00	63.00	59.99
			1 oz	1/4 lb	1 lb	5 lb	20 lb
38097	Tivoli	Trt	19.75	54.00	163.55	153.30	146.00
42687	Vegetable Spaghetti	Trt	10.50	28.90	87.40	81.90	78.00

Item #	Variety	Code pg 2	Price per M or LB M=1,000 seeds					
			100 sds	250 sds	1 M	3 M	30 M	55 M
SPECIALTY								
84489	Autumn Frost	Trt	18.00	30.00	90.80	86.85	82.90	78.93
82481	Black Futsu	Unt	14.50	24.10	72.80	69.65	66.50	63.30
88970	Colorado Sun	Trt	27.00	44.80	135.70	129.80	123.90	118.00
107629	Galeux D'eyssines	FI400	16.50	27.30	72.75	69.75	67.75	66.75
84065	Golden Butta Bowl	Trt	11.50	18.80	56.95	54.45	52.00	49.50
107628	Marina De Chioggia	FI400	19.50	32.10	85.55	82.55	80.55	79.55
57187	Speckled Hound	Trt	14.75	24.30	74.10	70.85	67.60	65.00
84060	Troll	Trt	18.00	29.90	92.95	88.85	84.80	81.50
			1 oz	1/4 lb	1 lb	5 lb	20 lb	
79583	American Tondo	Trt		10.00	27.00	81.80	76.65	73.00
83984	Autumn Colors Cushaw	Unt		10.25	27.90	92.90	89.45	86.00
84007	Cushaw Green Striped	Unt			6.50	21.35	20.55	19.75
84010	Cushaw Orange	Unt			11.70	38.90	37.45	36.00
91583	Long Island Cheese	FI400		12.75	35.10	106.15	99.50	94.75
91573	Triamble	FI400		12.25	33.20	100.55	94.25	89.75

Prices subject to change without notice.



FarMore® FI400 insecticide and fungicide combination seed treatment technology helps maximize cucurbit production by enhancing performance and quality.

Superior Disease Protection: Providing early-season protection against certain diseases including rhizoctonia spp., fusarium spp., pythium spp., and general damping-off and seedling blight.

Excellent Early-Season Insect Protection: FI400 technology contains a second generation neonicotinoid, thiamethoxam, which protects against excessive foliage damage in young plants from cucumber beetles, flea beetles, and leafminers. Thiamethoxam also eliminates or reduces the chance of virus transmission by certain insects including aphids, thrips and whiteflies.



SAVE THE DATE

Meet Us at a Trade Show Near You!

December 5 - 7, 2023
Grand Rapids, MI



Great Lakes Fruit, Vegetable & Farm Market Expo
Meet Maddie, Tom, and Josh

January 11 - 14, 2024
Savannah, GA



Southeast Regional Fruit & Vegetable Conference
Meet Derek, Kip, Ralph, Robbie, Robbie, Tim, and Eddie

January 22 - 24, 2024
Syracuse, NY



Empire State Producer's Expo
Meet Dan

January 30 - Feb. 1, 2024
Hershey, PA



Mid-Atlantic Fruit & Vegetable Convention
Meet Josh

February 6 - 8, 2024
Atlantic City, NJ



NJ Agricultural Convention & Trade Show
Meet Josh



Grow with Confidence, Grow with Gowan!

HOLLAR SEEDS

Where Good Ideas Grow™



Avalon

Uniform, Tan Color, 3.5 Lbs.



Jill-Be-Little PVP

Productive, Uniform, 0.5 Lbs.



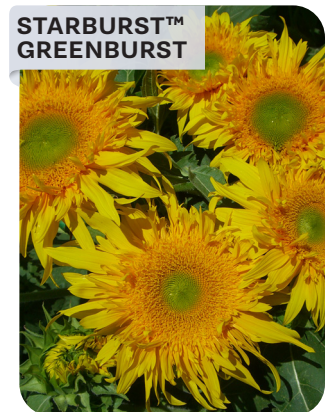
Pinnacle

Reliable, Uniform, 3.0 Lbs.

SUNFLOWER

HYBRID & OPEN POLLINATED

Item #	Variety ↓	Days	Bloom Size	Branching	Single	Pollen-less	Plant Height	Resistance/Tolerance	Color
79035	AUTUMN BEAUTY	95	4-5"	X			5-6'		Bronze, Red, Yellow, Bi-Colors
79047	LEMON QUEEN	90	5"	X			5-7'		Pale Lemon; Dark Chocolate Center
79041	MAMMOTH GREY STRIPED	75-85	12-20"+	X			5-6'		Yellow; Dark Center
79052	PROCUT BICOLOR <i>Hybrid</i>	50	4-6"		X	X	5-6'		Burgundy Center with Yellow Margins
87081	PROCUT GOLD LITE DMR <i>Hybrid</i>	55-65	4-6"		X	X	5-6.6'	HR:Eh	Bright Golden/Yellow; Green Center
79060	PROCUT ORANGE <i>Hybrid</i>	50	4-6"		X	X	5-6'		Bright Orange; Dark Brown Center
79055	PROCUT PLUM <i>Hybrid</i>	75-85	4-6"		X	X	5-6'		Purple Fading Inner Ring; Dark Chocolate Center
86478	PROCUT RED <i>Hybrid</i>	50-60	4-6"		X	X	5-6'		Deep Red
79073	PROCUT WHITE LITE <i>Hybrid</i>	50-60	4-6"		X	X	5-6'		Pale Creamy Yellow; Light Golden-Green Center
86473	STARBURST™ GREENBURST <i>Hybrid</i>	60	4-6"	X		X	5-6'		Yellow Golden; Green Center
79069	SUNRICH GOLD <i>Hybrid</i>	60-65	5-6"		X	X	4-5'		Gold Petals; Golden and Green Center
79046	SUNRICH LIMONCELLO SUMMER <i>Hybrid</i>	50-60	4-6"		X	X	3-4'		Bright Yellow Fading to Light Yellow; Dark Brown Center
104688	SUNRICH ORANGE DMR <i>Hybrid</i>	55-70	5-6"		X	X	3-5'	HR:Eh	Golden Yellow; Black Center



SUNFLOWER » SWISS CHARD

SUNRICH GOLD



SUNRICH LIMONCELLO SUMMER



SUNRICH ORANGE DMR

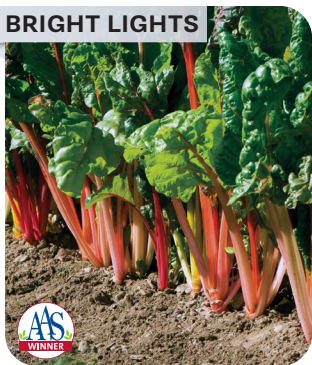


SWISS CHARD

HYBRID & OPEN POLLINATED

Item #	Variety ↓	Days (DS)	Height	Stem Color	Resistance/ Tolerance	Features
49091	BRIGHT LIGHTS	28 Baby, 55 Bunching	12-16"	Multi-Colored		AAS Winner! Lightly savoyed, green or bronze leaves with stems of many colors including pink, gold, white, orange, red and purple.
71586	CELEBRATION	58-63	30"	Multi-Colored	IR:Ps	Vibrant multi-colored chard that exhibits uniform plants with dark green glossy leaves and a high percentage of bright colored stems with very few whites.
84698	FIRE FRESH <i>Hybrid</i>	30	20-26"	Bright Red	HR:Cb IR:Ps:1	Add bold, bright red color to baby leaf salads, spring mix or stir fries. Crunchy leaves are round to oval with a slight texture. Fast growing, upright plants. Babyleaf use only. Not for full grown bunching.
RHUB	RHUBARB	60	24-26"	Bright Red, Flattened		Excellent quality strain developed for fresh market bunching. Superior uniformity in size, shape and color.
13770	SILVERADO	60	14-16"	White		Slow to bolt. Compact plant which is easy to cut, clean and pack.

BRIGHT LIGHTS



CELEBRATION



FIRE FRESH



RHUBARB



SILVERADO



SUNFLOWER PRICING

Item #	Variety	Code pg 2	Price per M or LB M=1,000 Seeds			
			250 sds	1 M	5 M	25 M
79052	Procut Bicolor	Unt	9.60	29.05	26.75	23.22
87081	Procut Gold Lite DMR	Unt	9.60	29.05	26.75	23.22
79060	Procut Orange	Unt	9.60	29.05	26.75	23.22
79055	Procut Plum	Unt	11.40	34.40	31.65	27.50
86478	Procut Red	Unt	11.40	34.40	31.65	27.50
79073	Procut White Lite	Unt	13.75	41.55	38.25	33.22
86473	Starburst Greenburst	Unt	11.25	33.95	31.25	27.15
79069	Sunrich Gold	Unt	10.80	32.65	30.05	26.09
79046	Sunrich Limoncello Summer	Unt	11.25	34.05	31.35	27.22
104688	Sunrich Orange DMR	Trt	11.40	34.40	31.65	27.52
82782	Sunrich Orange Summer	Unt	11.25	34.05	31.35	27.22
			1/4 lb	1 lb	5 lb	25 lb
79035	Autumn Beauty	Unt	9.75	25.65	22.00	18.30
79047	Lemon Queen	Unt	11.80	32.35	26.40	22.00
79041	Mammoth Grey Striped	Unt	7.00	16.05	13.20	11.00

SWISS CHARD PRICING

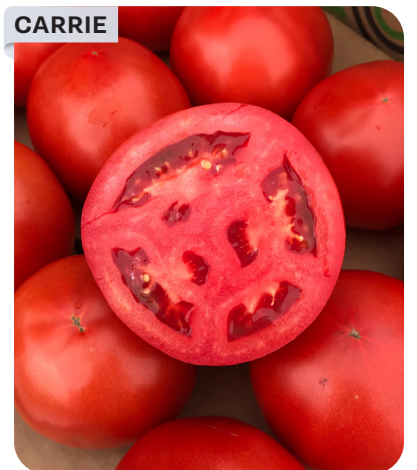
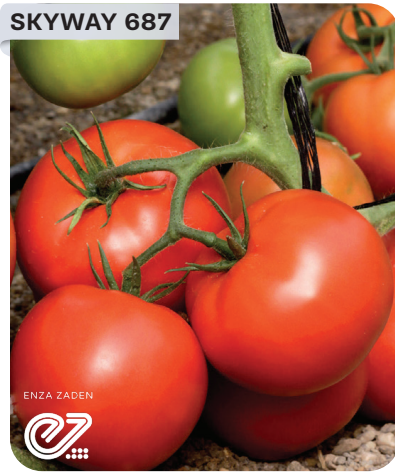
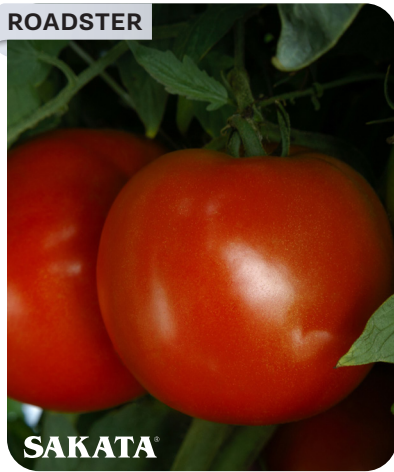
Item #	Variety	Code pg 2	Price per M or LB M=1,000 Seeds			
			5 M	20 M	100 M	500 M
49091	Bright Lights	Unt	4.85	4.18	3.65	
71586	Celebration	Trt	4.14	3.78	3.46	3.31
84698	Fire Fresh	F300		0.59	0.54	0.52
				1 lb	5 lb	25 lb
RHUB	Rhubarb	Trt		13.35	12.60	11.88
13770	Silverado	Trt		9.50	9.00	8.48

Prices subject to change without notice.

TOMATO

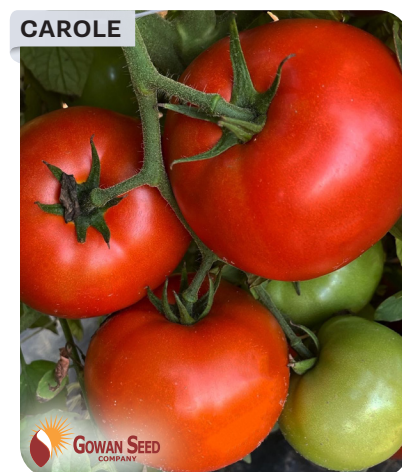
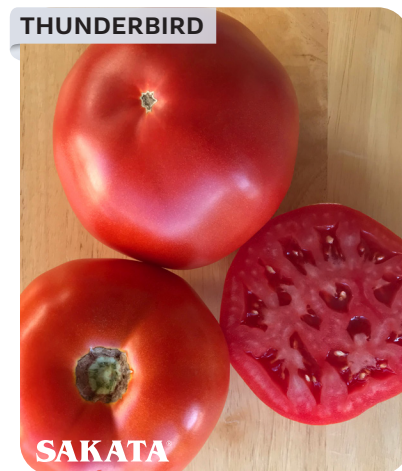
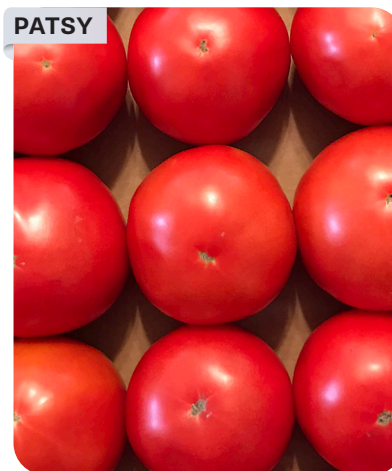
FRESH MARKET/ROUND | HYBRID

Item #	Variety	Days (TP) ↓	Fruit Size, Shape	Plant Type	Resistance/Tolerance	Features
84716	ROADSTER	65-70	8-12 oz., Deep Oblate	Determinate, Medium-Large	HR:Aal, Fol:1-3, For, Va:1, Vd:1 IR:Ss, TSWV	Early maturing, concentrated set that produces large, very firm fruit for vine-ripe and mature green markets. Superior flavor.
82146	SKYWAY 687	65-70	Extra Large to Jumbo, Globe	Determinate	HR:Fol:0-2, ToANV, Va:0, Vd:0 IR:Ma, Mi, Mj, TSWV, TYLCV	Vigorous, determinate variety especially suited for SE USA. Prune ground and auxiliary shoots for full season production. Very strong disease package.
84713	GRAND MARSHALL	67-72	Deep Oblate, Large to Extra Large	Determinate, Strong	HR:Aal, Fol:1,2, Va:1, Vd:1 IR:Sbl, Sl, Ss, TYLCV:ls	Early maturity for a main season hot set type. Strong plant and very good field performance under bacteria pressure. Deep red fruit have smooth shoulders. Performs well for both vine-ripe or mature green gassing.
86014	LAGUNA RED	68-72	8-12 oz., Deep Oblate, Globe, Large to Extra Large	Determinate	HR:Aal, Fol:1,2, For, ToMV:0-2, Va:1, Vd:1 IR:Sbl, Sl, Ss, TYLCV:ls	High quality determinate salad variety well suited for cool season production. Attractive red, very firm and smooth-shouldered fruit with good flavor. Suited for both mature green and vine ripe markets. Plants are medium tall with a mid-concentrated set and benefit from light pruning. Widely adapted.
93305	RAMBLER	68-72	Extra-Large, Deep Oblate	Determinate, Medium Tall	HR:Aal, Fol:1-3, For, Va:1, Vd:1 IR:Sbl, Sl, Ss, TSWV	Very adaptable, high-quality variety with high yield potential of jumbo and extra-large deep oblate fruit. Excellent size, color, firmness and quality. Suited for mature green and vine ripe markets.
84297	STM2255	68-73	Large to Extra Large	Determinate, Medium Tall	HR:Aal, Fol:1,2, For, Va:1, Vd:1 IR:Ss, TSWV, TYLCV:ls	Very versatile and adaptable with high yield potential and good vine-ripe flavor. Attractive red color, firm fruit and good shelf life. Can be used for mature green and vine ripe markets. Has potential to used in multiple slots and regions across the eastern USA.
89396	CARRIE	70-75	Large to Extra Large	Determinate, Strong	HR:Fol:1-3, TSWV, Va IR:TYLCV	High yield potential of large to extra large fruit on a strong determinate plant. Deep crimson interior color and excellent flavor. A stand out variety in the Southeast due to its Fusarium 3 resistance.




FRESH MARKET/ROUND | HYBRID (Continued from previous page)

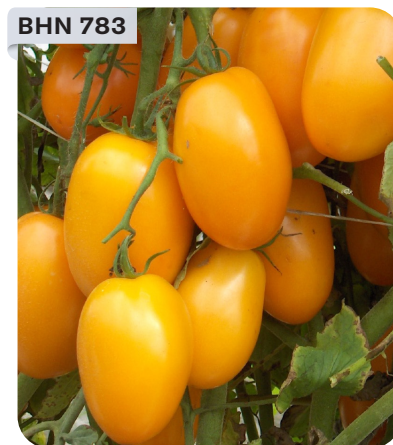
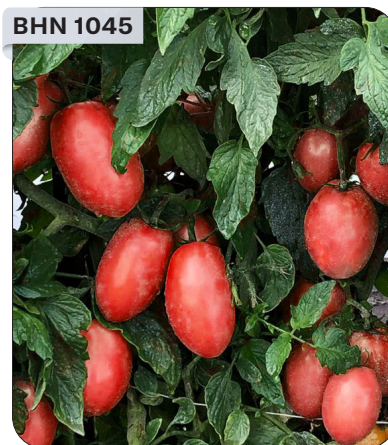
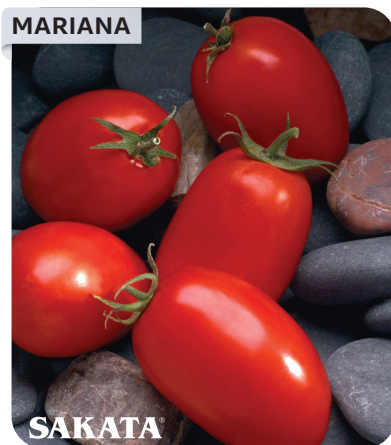
Item #	Variety	Days (TP) ↓	Fruit Size, Shape	Plant Type	Resistance/Tolerance	Features
84714	RED SNAPPER	70-75	8-12 oz., Deep Oblate	Determinate, Medium-Large	HR:Aal, Fol:1,2, Va:1, Vd:1 IR:Ss, TSWV, TYLCV:ls	Attractive red color, firm and has a good shelf-life. Suited for mature green and vine ripe markets. Plants have mid cover and benefit from light pruning. Has more manageable plant than most "hot set" commercial varieties with good fruit set potential.
89470	CAMARO	72-75	8-10 oz., Large Globe	Determinate, Medium, Compact	HR:Aal, Fol:1-3, Va:1, Vd:1 IR:Ss, TYLCV:ls	Early maturing, extra large, smooth fruit. Vine-ripe or gas green. High yield potential setting fruit throughout the plant. Pruning is not required.
89696	PATSY	72-75	Large to Extra Large	Determinate, Strong	HR:Fol:1,2, For, TSWV, Va IR:TYLCV	Widely adapted (South to North) with a strong plant and continuous setting of firm large to extra large fruit. Crimson red interior and clean blossom ends. A great variety for multi-packs.
90679	THUNDERBIRD	72-75	8-12 oz., Extra-Large, Deep Oblate	Determinate	HR:Aal,Fol:1-3, For, Va:1, Vd:1 IR:Sbl, Sl, Ss, TYLCV:ls	Improved quality, high yielding hot set determinate extra-large variety with a strong plant and good disease resistance. Deep red, very firm with good shelf life. Dual purpose with both vine-ripe and mature green potential.
83179	JOLENE	73	Large to Extra Large	Determinate	HR:Fol:1,2, For, Ss, Va:0 IR:TYLCV	Produces attractive, firm fruit with deep dark interior on a determinate plant. Early maturing with a clean blossom end and uniform smooth shoulders. Mature green or vine ripe production.
84731	BHN 589	74	8-10 oz., Deep Oblate	Determinate, Medium Tall	HR:Fol:1,2, TMV, Va, Vd	Great tasting tomato. Best used for vine ripe production at local markets where flavor has a value. Can be used in tunnels.
83376	BHN 871 Yellow 	74	10-12 oz., Oblate	Determinate	HR:Fol:1-2, For, TMV, Va, Vd	Very attractive gold-tangerine color that is smooth and firm. , Very large and exceptional quality. Also suitable for tunnel production.
87708	CAROLE	75-80	Extra Large to Jumbo, Globe	Indeterminate	HR:Fol:1,2, Ma, Mi, Mj, Pi, ToMV, Va, Vd	Consistent through multiple harvests. Firm with great eating quality. Dual purpose that will hold for the shipper market and roadside stands. Crimson genes. Performs well in the open field with high stakes and in high tunnels/greenhouses for extended harvest. Gowan Exclusive!





TOMATO

ROMA/SALADETTE | HYBRID

Item #	Variety	Days (TP) ↓	Fruit Size, Shape	Plant Type	Resistance/Tolerance	Features
85289	DAYTONA	72-75	3-4 oz., Elongated Blocky	Determinate, Medium, Compact	HR:Aal, Fol:1,2, Mi [^] , Vd:1 IR:TYLCV:ls	Productive, medium, compact plants produce smooth extra-large fruit with good color, firmness and shelf life. Widely adapted, proven to excellent quality and high yields.
84719	MARIANA	74	4-5 oz., Deep Blocky	Determinate, Compact	HR:Aal, Fol:1-3, Mi [^] , Va:1, Vd:1 IR:Ss	Very large, firm, blocky saladette with thick fruit walls and exceptional shelf life. Uniform green shoulders and jointed pedicel.
84710	BHN 1045	75	4-5 oz., Deep Blocky	Determinate, Medium- Large	HR:Fol:1-3, Ma, Mi, Mj, Va, Vd IR:TSWV, TYLCV	Mid-season, deep blocky, uniform fruit on a determinate, strong, medium-large plant. Excellent disease package.
84711	BHN 783 Yellow 	76	Medium Large, Plum	Determinate	IR:Fol:1,2, Pst, ToMV, Va, Vd	This unique gold to mature tangerine orange colored Roma is an "eye catcher". Big, beautiful, flavorful and high yielding.




CHERRY | HYBRID

Item #	Variety	Days (TP) ↓	Fruit Size, Shape	Plant Type	Resistance/Tolerance	Features
78744	SUNGOLD Orange 	55-60	13-15 Grams, Round	Indeterminate	HR:Fol:1, TMV:2	Tiny, cherry-sized bright orange to golden fruits have juicy and deliciously sweet flavor (9% brix). Perfect for a satisfying, healthy snack, on salads or in other dishes.
78747	SWEET MILLION	60-62	10-15 Grams, Round	Indeterminate	HR:Fol:1, ToMV:0,1	Early maturing fruit are very uniform. Less likely to crack and has superb flavor. Strong vigor and produces high yields of firm fruit with an average shelf life.
84723	SWEET TREATS Pink 	65-67	20-30 Grams, Globe	Indeterminate	HR:Fol:1,2, Pf:A-E, ToMV:0,1 IR:For, Ss	Large dark pink cherry tomato that tastes delicious! Strong, vigorous plants with high yields. Ideal for retail markets, home garden or plant sales. Offers great cracking resistance.
83645	BHN 268	68	< 1 oz., Small Globe	Determinate, Medium-Tall	HR:Fol:1, Va, Vd	Smooth, attractive fruits ripen to fully red. Premium, extra-firm, uniform fruits hold, pack, ship extremely well. Exceptional flavor.
84737	MOUNTAIN MAGIC	74	2 oz.+, Round	Indeterminate, Compact	HR:Fol:1,2, Va IR:Pi	Expect a little larger size (cocktail) with a great sweet taste. Uniform red fruit on a manageable plant type that is resistant to late blight.



GRAPE | HYBRID

Item #	Variety	Days (TP) ↓	Fruit Size, Shape	Plant Type	Resistance/Tolerance	Features
84740	JOLLY GIRL	62	10-13 Grams, Oblong	Determinate	IR:Fol:1,2, Va, Vd	Tremendous taste with good uniformity and shelf life. Almost no cracking and high brix.
84728	SWEET HEARTS	64	7-9 Grams, Elongated, Oval	Indeterminate	HR:Fol:1, Pf:A-E, ToMV:0-2 IR:Ss	Leading grape tomato that is brilliant red, has excellent flavor, shelf life and resistance to cracking. Good vigor, produces early, impressive yields with continuous sets and full clusters of very firm fruit. Excellent quality.
83377	BHN 785	65-70	8-13 Grams, Oval, Elongated	Determinate, Tall	IR:Fol:1	Vigorous plant with good cover. Better uniformity of size and shape over other grape varieties. High yielding and firm fruit for excellent post harvest quality.
84724	RUBY CRUSH	65-70	12-17 Grams, Blocky, Oval	Determinate	HR:Fol:1,2, For, ToMV:0-2 IR:Ss	Deep red fruit that are very smooth, uniform and firm with good flavor. Setting and size is very good through the plant with high yield potential.
83378	GOLD SPARK Yellow 	Mid-Late	12-14 Grams, Barrel, Blocky	Indeterminate	HR:ToMV:0-2, Pf:A-E	Firm with great taste and excellent shelf life. High yield potential and consistent brix throughout the season. Plants display strong vigor with medium height. Ideal for outdoor environments or low-tech hydroponic applications.

JOLLY GIRL



SWEET HEARTS



GOLD SPARK



BHN 785



RUBY CRUSH



SAN MARZANO | HYBRID

Item #	Variety	Days (TP)	Fruit Size, Shape	Plant Type	Resistance/Tolerance	Features
86506	POZZANO	70-75	5 oz.	Indeterminate	IR:Fol:0,1, ToMV:0-2, Va:0, Vd:0	San Marzano type hybrid variety that looks like an heirloom. Smooth shape, spectacular yield and uniformity. Fruits are full, without green shoulders. Good shelf life and firmness.

POZZANO



TOMATILLO | HYBRID

Item #	Variety	Days (TP)	Fruit Size, Shape	Plant Type	Features
84729	SUPER VERDE	59	2.4-2.8 oz., Deep Oblate	Indeterminate, Continuous Setting	Improved uniformity, yield potential and longer cycle production. Fruit are firm, have strong healthy husks, attractive green color and above average shelf life. Fruit set is very good.

SUPER VERDE



TOMATO

HEIRLOOM | HYBRID & OPEN POLLINATED

Item #	Variety	Days (TP) ↓	Fruit Size, Shape	Plant Type	Resistance/Tolerance	Features
78734	CHOCOLATE SPRINKLES <i>Hybrid</i>	50-55	1.5", Elongated	Indeterminate, Tall	HR:Fol:1, Ma, Mi, Mj	Striped red and dark green colored fruit which are bite size. Rich flavor for snacks or salads. Highly productive and disease resistant.
79419	CHEF'S CHOICE PINK <i>Hybrid</i>	75-80	8-12 oz., Oblate	Indeterminate	IR:TMV, Va, Vd T:Crack, Scab	AAS Winner! The look of an heirloom variety but is a hybrid pink Beefsteak which will produce more crack free, firm, juicy, great tasting, quality tomatoes. Replaces Brandywine Pink.
84016	STRIPED GERMAN	90	Up to 2.5 lbs., Round, Oblate	Indeterminate, Medium Tall		Classic Striped German with colorful red and yellow skin and flesh color. Remarkable taste of very large fruit. Beautiful when sliced.

CHOCOLATE SPRINKLES



CHEF'S CHOICE PINK



STRIPED GERMAN



TOMATO PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds				
			500 sds	1 M	5 M	25 M	100 M
FRESH MARKET/ROUND							
84731	BHN 589	Unt/Pel	60.10	100.10	95.55	93.30	91.00
83376	BHN 871 - Yellow	Unt/Pel	60.10	100.10	95.55	93.30	91.00
79105	Camaro	Trt	66.15	110.20	105.20	102.70	100.17
89470	Camaro	Trt/Pel	66.55	110.90	105.85	103.35	100.79
87708	Carole	Trt/Pel	93.75	156.25	153.30	150.35	147.40
89396	Carrie	Trt/Pel	58.20	97.00	92.60	90.40	88.15
84713	Grand Marshall	Trt/Pel	65.35	108.90	103.95	101.50	98.98
83179	Jolene	Trt/Pel	48.10	80.15	76.55	74.70	72.86
86014	Laguna Red	Trt/Pel	65.35	108.90	103.95	101.50	98.98
89133	Mountain Man	Unt	44.75	74.55	71.15	69.45	67.75
86444	Mountain Merit	Trt/Pel	57.60	96.00	91.65	89.45	87.26
86529	Mountain Rouge - Pink	Trt/Pel	98.75	164.55	157.05	153.30	149.55
89696	Patsy	Trt/Pel	61.10	101.80	97.15	94.85	92.51
93305	Rambler	Trt	72.75	121.25	115.70	112.95	110.19
93279	Rambler	Trt/Pel	73.15	121.90	116.40	113.60	110.81
83596	Red Snapper	Trt	72.75	121.25	115.70	112.95	110.19
84714	Red Snapper	Trt/Pel	73.15	121.90	116.40	113.60	110.81
84716	Roadster	Trt/Pel	65.55	109.20	104.25	101.75	99.24
90884	Sheryl	Trt/Pel	62.05	103.40	98.70	96.35	94.00
82146	Skyway 687	Trt	62.50	104.15	99.45	97.05	94.68
88766	Skyway 687	Unt/Pel	62.50	104.15	99.45	97.05	94.68
84297	STM2255	Trt/Pel	101.25	168.70	161.05	157.20	153.35
89591	Summerhaven	Unt/Pel	67.05	111.75	106.65	104.10	101.56
85396	Summerpick	Unt	54.55	90.90	86.75	84.70	82.60
93334	Thunderbird	Trt	72.75	121.25	115.70	112.95	110.19
90679	Thunderbird	Trt/Pel	73.15	121.90	116.40	113.60	110.81
89734	Varsity	Unt/Pel	67.20	112.00	106.90	104.35	101.80
91527	Winterhaven 163	Unt/Pel	69.15	115.20	109.95	107.35	104.70
ROMA/SALADETTE			500 sds	1 M	5 M	25 M	100 M
84710	BHN 1045	Unt/Pel	60.10	100.10	95.55	93.30	91.00
84711	BHN 783	Unt/Pel	56.80	94.60	90.30	88.15	86.00
85289	Daytona	Trt/Pel	47.25	78.70	75.10	73.30	71.51
69794	Mariana	Trt	46.30	77.15	73.65	71.90	70.13
84719	Mariana	Trt/Pel	46.75	77.85	74.30	72.55	70.75

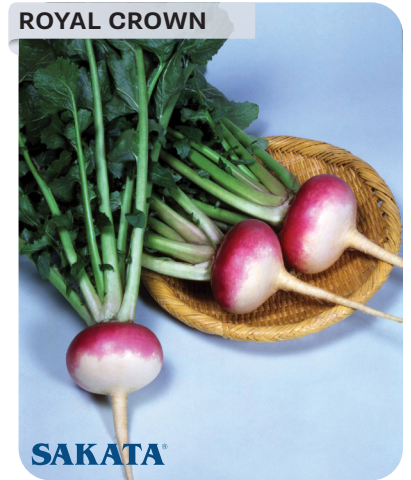
Item #	Variety	Code pg 2	Price per M or LB M=1,000 Seeds					
			100 sds	500 sds	1 M	5 M	25 M	100 M
CHERRY								
82937	BHN 268	Unt	35.80	143.10	238.50	234.00	229.50	225.00
83645	BHN 268	Unt/Pel	35.95	143.80	239.60	235.05	230.55	226.00
88414	Felicity	Unt	30.80	123.20	205.30	201.40	197.55	193.65
85587	Mountain Magic	Trt	15.95	63.70	106.15	101.35	98.95	96.50
84737	Mountain Magic	Trt/Pel	16.15	64.55	107.55	102.65	100.20	97.75
78744	Sungold	Unt	10.25	40.95	68.20	65.10	63.55	62.00
78747	Sweet Million	Unt	4.00	15.85	26.40	25.20	24.60	24.00
84723	Sweet Treats	Trt	35.00	139.95	233.20	228.80	224.40	220.00
78755	Sweet Treats	Unt	35.00	139.95	233.20	228.80	224.40	220.00
GRAPE			100 sds	500 sds	1 M	5 M	25 M	100 M
83315	BHN 784	Unt/Pel	35.95	143.80	239.60	235.05	230.55	226.00
83377	BHN 785	Unt/Pel	35.95	143.80	239.60	235.05	230.55	226.00
83378	Gold Spark	Trt	47.80	191.10	318.50	312.50	306.50	300.46
84740	Jolly Girl	Trt	20.05	80.20	133.60	131.05	128.55	126.00
80289	Ruby Crush	Trt	32.20	128.70	214.45	210.40	206.35	202.28
84724	Ruby Crush	Trt/Pel	30.75	122.95	204.85	201.00	197.10	193.23
84728	Sweet Hearts	Trt/Pel	40.00	159.95	266.55	261.55	256.50	251.45
57172	Sweet Hearts	Unt	37.40	149.50	249.10	244.40	239.70	235.00
SAN MARZANO			100 sds	500 sds	1 M	5 M	25 M	100 M
86506	Pozzano	Trt	31.75	126.85	211.40	207.45	203.45	199.43
TOMATILLO			500 sds	1 M	5 M	25 M	100 M	
84729	Super Verde	Trt		12.15	20.20	19.30	18.85	18.36
HEIRLOOM			100 sds	500 sds	1 M	5 M	25 M	100 M
79419	Chef's Choice Pink	Unt		10.20	17.00	16.65	16.35	16.00
93569	Chocolate Sprinkles	Trt	15.90	63.45	105.75	103.75	101.75	99.75
78734	Chocolate Sprinkles	Unt	15.90	63.45	105.75	103.75	101.75	99.75
			1/4 oz	1/2 oz	1 oz	1/4 lb	1 lb	
59093	Brandywine Pink	Unt		9.95	16.30	26.70	80.05	266.70
58876	Cherokee Purple	Unt		9.95	16.30	26.70	80.05	266.70
83389	Mr. Stripecy	Unt		9.95	16.30	26.70	80.05	266.70
84016	Striped German	Unt		9.95	16.30	26.70	80.05	266.70

Prices subject to change without notice.

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HYBRID

Item #	Variety	Days (DS) ↓	Root Color	Leaf Type	Resistance/Tolerance	Features
50970	ALAMO	33	Produced for Tops Only	Broad, Smooth		Broad leaves with short petioles. Up to 50% better yields over standard turnip greens. Excellent regrowth ability ideal for multiple cuts. Mostly used for processing, can be used for fresh market.
45573	ALL TOP	35	Produced for Tops Only	Broad Erect, Long Petioles		High yielding with vigorous regrowth. Thick, tender leaves like the tendergreen type with a well developed root system. It grows well under moderate climate conditions. Best for processing and multiple cuttings.
46240	TOPPER	35	Produced for Tops Only	Broad, Serrated	T:Bolt	Seven Top-type that is heavy yielding. Large, broad and serrated leaf that is pale green. Vigorous regrowth ability for multiple harvests.
34756	ROYAL CROWN	50	Purple Top, White Bottom	Deeply Lobed, Short Petioles	T:Bolt	Multi-use variety that can be used for greens or roots. Uniform deep cut leaves and top shaped roots. Sweet, mild flavor ideal for fresh market and home gardeners.



TURNIP PRICING

Item #	Variety	Code pg 2	Price per LB				
			1 oz	1/4 lb	1 lb	5 lb	25 lb
50970	Alamo	Trt	16.05	46.70	139.35	134.20	129.00
45573	All Top	Trt	12.10	35.15	104.80	100.90	97.00
84704	Purple Top White Globe	Trt			21.60	20.80	20.00
34756	Royal Crown	Trt	15.05	43.80	130.70	125.85	121.00
87881	Southern Green	Trt	15.80	46.00	137.20	132.10	127.00
46240	Topper	Trt	15.45	44.90	133.95	129.00	124.00
48262	White Lady	Unt	23.90	69.50	207.40	199.70	192.00

Prices subject to change without notice.

Check out these outstanding Gowan exclusive varieties!



REDEMPTION XR
page 26



CATARINO
page 61



CAROLE
page 97



KACHETA
page 57

Robello

Is a fast-growing, very uniform, high-quality hybrid with strong medium to tall tops. Attractive intense red color. Strong internal quality & fine tail. Versatile variety suitable for both pre-pack and bunching harvest



Roadie


Quick maturing red cabbage, with good heat tolerance for fresh market.

Maturity: 50 - 80 days

Ave. weight: 4-6 lbs



* Resistant varieties may exhibit some disease symptoms or damage under heavy pest pressure and/or under adverse environmental conditions and/or in the face of new biotypes, pathotypes, races or strains of the pest that may emerge.
** please refer to the ISF definitions at http://www.worldseed.org/wp-content/uploads/2017/05/Definition_on_reaction_plants_to_pests_2017_final.pdf A copy of the definitions for terms describing reactions of plants to pests for the Vegetable Seed Industry, can be obtained at our offices upon demand.

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Defender

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Emergence

Stand

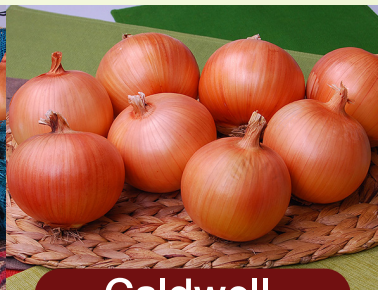
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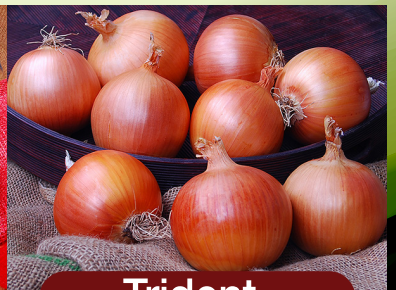
Epic



Caldwell



Caliber



Trident



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Orion

Large size Eastern Shipper. Uniform fruit, extended shelf life, medium-heavy netting. Background color turns to tan and vine slips at maturity. Good field tolerance to downy mildew.



Maverick

Determinate beefsteak with impressive yields of high lycopene fruit and a disease resistance package suitable for dual use in open field or protected culture.

Maverick Disease Package

IR: Ma/Mi/Mj, Pi, Ff: A-E, On, TSWV, TYLCV

HR: Fol: 1-3, For, ToMV, Sbl/SI/Ss, Va/Vd



Laredo

Determinate roma with high quality fruit and a complete disease resistance package.

Laredo Disease Package

IR: On, TSWV, TYLCV

HR: Fol: 1-3, Sbl/SI/Ss, ToTV, Va/Vd



Galaxy*

Bush green acorn squash with high yields, attractive fruit and good resistance to powdery mildew. Galaxy has a reduced groundspot compared to other varieties and maintains its color for longer in storage.

* Gowan Seed exclusive



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Mini Seedless

Ana - 6 ct.
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OX



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flowering, Non-edible

*Powdery Mildew (Px), Fusarium (Fon), Anthracnose (Co)



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WATERMELON



7187: The high Brix level, firm flesh, high yield potential, strong vigor, and shelf life make this variety a favorite among growers. 7187 provides optimal performance in full summer areas and is ideal for the processing market.



7197: 7197 together with 7187 set a strong standard in the seedless watermelon industry. This vigorous hybrid offers growers high yield potential in mainly 36ct and 45ct fruits. 7197 has a medium green rind color, bright red flesh and small pips. 7197 is an excellent choice for many areas and purposes.



BOLITA F1: This main season mini seedless variety has excellent flesh-to-rind definition, with a crisp deep red flesh, small pips and excellent flavor. Its signature round shape showcases a green background with dark green stripes. Bolita has a vigorous plant habit that does well under adverse conditions. Size segment: Jumbo 6, 6 and 8



EMBASY: Embassy's dark rind complements its deep, red flesh to create a beautiful shelf display. It's a vigorous plant with wide adaptability. With its IR to Fusarium resistance, race 1 allows a very good stand in the field and strong yields. With a 45ct size and uniformity, it's ideal for many retail programs.

Individual results may vary.

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105

WATERMELON – TRIPLOID (SEEDLESS)

CRIMSON SWEET RIND TYPE | HYBRID

Item #	Variety	Days (TP) ↓	Size	Shape	Flesh Color	Resistance/Tolerance	Features
69013	SWEET DAWN	74	16-20 lbs.	Blocky	Dark Red	IR:Co:1, Fon:1	Early-maturing variety that produces consistently high yields of attractive and great tasting fruit. Has dark red, firm flesh and smooth skin. 36/45 count.
86224	FASCINATION	75-85	15-20 lbs.	Blocky	Dark Red	IR:Co:1, Fon:1	Medium-early fruit with firm flesh, high sugars, and very small pips. Strong plant vigor, very good vine growth habit and high yields. Excellent uniformity and fruit set with high quality fruit. Medium, thick, durable rind is perfect for long distance shipping. 36/45 count.
60852	SECRETARIAT	80	16-20 lbs.	Round Oval	Bright Red		Early-maturing variety is very high yielding. Smooth, medium-green exterior with green stripes. Interior characteristics include tiny pips and firm, crisp, deep red flesh. 45 count.
85464	WARRIOR	80	16-18 lbs.	Blocky Oval	Bright Red	IR:Fon:0,1	Very adaptable with high quality interiors. Medium green fruit with dark stripes, bright red firm, sweet flesh. Mainly 45 count.
86395	EXCURSION	81	18-22 lbs.	Blocky	Deep Red	IR:Co:1, Fon:1	Performs well in challenging conditions to meet market demands. Matures up to seven days earlier than current standard varieties. Improved flesh quality. 36/45 count.
81586	RED GARNET	81	16-20 lbs.	Oval	Deep Red	IR:Fon:0,1	Prolific yielder! Deep red, very firm and sweet. Proven to be a very adaptable variety in eastern US and Texas. Strong seedling vigor with a vigorous plant that produces uniform size and shaped fruit throughout it's extended harvest. Preferred dark green crimson stripe exterior and strong rind is excellent for 45 count bin shipping.
93070	VALOR 	81	14-17 lbs.	Blocky	Deep Red	IR:Co:1, Fon:1	Early maturing with firm, deep red flesh and a higher fruit set. Medium-dark green with pixelated, dark green stripes. 36/45 count.
97628	RIO GRANDE 	84	16-20 lbs.	Oval	Deep Red	IR:Fon:0,1	High yielding dark green mottled striped seedless watermelon. Has a large leaf and a strong aggressive vine. Intense red colored interior, high sugar content with small pips.

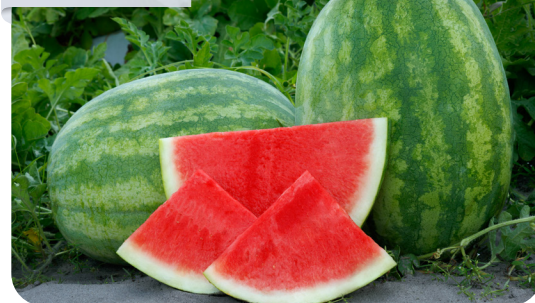
SWEET DAWN



FASCINATION



SECRETARIAT



WARRIOR



EXCURSION



RED GARNET



VALOR



RIO GRANDE



WATERMELON – TRIPLOID (SEEDLESS)

CRIMSON SWEET RIND TYPE | HYBRID (Continued from previous page)

Item #	Variety	Days (TP) ↓	Size	Shape	Flesh Color	Resistance/Tolerance	Features
84706	KINGMAN	85	18-22 lbs.	Round, Oval	Bright Red		Firm, crisp flesh and tiny pips. Strong vines and has high yield potential. Bright red, tasty flesh makes this a melon great for eating. 36/45 count.
88559	6177 PLUS <i>Super Seedless®</i>	87	15-18 lbs.	Round, Oval	Bright Red	IR:Fon:1	Very attractive rind appearance with medium green background and wide indistinct green stripes. Great interior quality with very sweet, firm, and bright red flesh. Excellent plant vigor.
83332	7197HQ <i>Super Seedless®</i>	87	16-20 lbs.	Oval	Bright Red		Excellent internal and external quality. Slightly earlier maturing with a strong plant and extended harvest for high yielding potential.
85347	SUGAR FRESH	87	16-20 lbs.	Oval, Blocky	Medium-Dark Red		Uniform fruit with small pips. Strong, vigorous vine. Mostly 36/45 bin count.
85466	EMBASY <i>Super Seedless®</i>	88	16-18 lbs.	Oval, Blocky	Red	IR:Co:1, Fon:1	Uniform fruit size and shape with an attractive, striped dark green rind pattern. Mid-season maturity with great vigor and a strong plant expressing high yield potential.
85303	SWEET POLLY	88	15-18 lbs.	Oval, Blocky	Vivid Red	IR:Co:1, Fon:0,1	A well known Crimson seedless variety grown, packed and shipped from thousands of commercial watermelon acres in the USA. Proven performance and predominately 45 bin count. Offered at a bargain price!
93578	7187HQ <i>Super Seedless®</i>	89	16-20 lbs.	Oval, Blocky	Bright Red		Excellent flesh quality, firm and crunchy but not fibrous. Strong plant growth habit. Easy setting. Mostly 45 count for whole fruit bin shipping. Early brix for harvest versatility.
82788	CAPTIVATION	89	14-17 lbs.	Blocky	Dark Red	IR:Co:1, Fon:1	Uniform, improved fruit set on strong plant with high yield potential. Mostly 45-count for whole fruit markets. Suitable for fresh market and fresh-cut use.
89509	EL CAPITAN	85-90	16-20 lbs.	Blocky, Oval	Deep Red	HR:Fon:0,1	Very adaptable for all growing areas. Attractive darker green crimson sweet rind pattern. Deep red, firm flesh and small pips. Excellent yield potential with extended shipping and field holding ability.

KINGMAN



6177 PLUS



7197HQ



SUGAR FRESH



EMBASY



SWEET POLLY



7187HQ



CAPTIVATION



EL CAPITAN



WATERMELON - TRIPLOID (SEEDLESS)

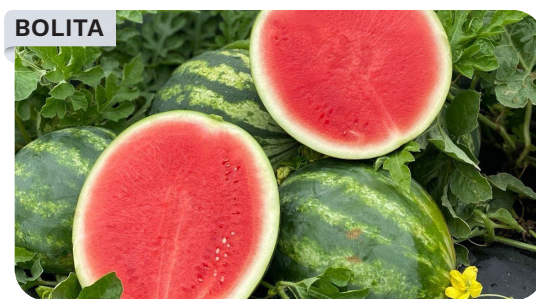
COLORED FLESH TYPE | HYBRID

Item #	Variety	Days (TP) ↓	Size	Shape	Flesh Color	Features
28096	AMARILLO	80	13-15 lbs.	Globe	Deep Yellow	Broad adaptability producing fruit with a bright deep yellow flesh and a distinctive rind pattern. Proven a commercial success for shipping and local markets.
72730	YELLOW BUTTERCUP	90	14-16 lbs.	Round, Oval	Bright Yellow	One of the best yellow fleshed varieties to grow. Nearly round with flavorful flesh that's dense, crisp and high in sugars. Great eating quality and high yields.
69826	ORANGE CRISP	92	14-18 lbs.	Round, Oval	Orange	Vibrant orange colored flesh which is sweet, firm and crispy. Tiger striped rind pattern reduces sunburn.



PERSONAL SIZE | HYBRID

Item #	Variety ↓	Days (TP) ↓	Size	Shape	Flesh Color	Resistance/Tolerance	Features
85431	SIRIUS	74	5.5-6.5 lbs.	Round	Red	IR:Fon:1	Early maturing, uniform fruit with crisp red interior flesh and small pips. Crimson rind pattern that's medium thick. Plants have strong vigor.
88236	NECTARO	78	5-7 lbs.	Round	Red		New generation of quality! Darker striped crimson rind with a strong plant type for multiple harvests. High yields with great uniformity of size and shape. Crisp red flesh with superior taste, 11-13% brix. 6-8 count.
93097	BOLITA	80	5-7 lbs.	Round	Deep Red	IR:Co:1, Fon:1	Crisp texture, small pips and excellent flavor. Green with dark green stripes. Strong plant habit that does well under stress. Size segment: Jumbo 6, 6 and 8.
27007	EXTAZY	80-85	4.5-6.5 lbs.	Round	Brilliant Red		Dark Crimson rind pattern. Bright red flesh that is sweet and crispy. Ideal for late Spring and Summer plantings. High yielding.
69677	ANA	85	6.2-7.3 lbs.	Round	Deep Red		Personal-size with an appealing dark-crimson rind. Dark red, firm flesh with great flavor. 6-8 count.
84743	MINI BEE	90	5-6 lbs.	Round	Deep Red		True personal sized (6-8 count) mini-seedless with superior flavor and a dark red, crisp interior. Attractive dark striped Allsweet type rind with strong and productive vines.



WATERMELON - TRIPLOID (SEEDLESS) » DIPLOID (SEEDED)

SUGAR BABY RIND TYPE | HYBRID

Item #	Variety	Days (TP) ↓	Size	Shape	Flesh Color	Resistance/Tolerance	Features
66872	SWEET GEM	79	13-16 lbs.	Round	Dark Red		Rich, glossy, dark green Sugar Baby type rind. Firm, very dark red, crisp flesh with small pips. Uniform, classy fruit with excellent yield potential.
94200	DARK KNIGHT	80	14-17 lbs.	Round	Dark Red	IR:Co:1, Fon:1, Px:1	Uniquely dark, glossy and smooth rind with very dark red, firm sweet flesh. High sugars and overall similar appearance and quality of Sweet Gem but slightly larger in size and better disease package.

DARK KNIGHT



SWEET GEM



WATERMELON - DIPLOID (SEEDED)

ALLSWEET RIND TYPE | HYBRID

Item #	Variety	Days (TP) ↓	Size	Shape	Flesh Color	Resistance/Tolerance	Features
61214	ESTRELLA	80	20-24 lbs.	Blocky, Oblong	Dark Red	IR:Co:1, Fon:2	Early, high yielding and reliable. Firm, dark red flesh has excellent quality. Vigorous vine with large leaves which produce uniform fruit. Great pollinizer.
86023	800	82	24-28 lbs.	Oval, Elongated	Deep Red	IR:Co:1, Fon:1	Strong plant vigor contributes to high yields. Produces superior quality large, crispy, deep red fruit.
85395	JAMBOREE	83	24-28 lbs.	Elongated	Deep Red	IR:Fon	Sizes well under cool and stressed conditions. Produces large fruit with deep red flesh and excellent flavor.
93581	860	84	20-24 lbs.	Blocky, Elongated	Deep Red	IR:Co:1, Fon:1	Proven performance for high yields of consistent 20-24 lb. attractive fruit with uniform shape and size. Consumer always appreciates the flavor of a crispy, deep red, sweet flesh melon. Excellent for shipping.
13693	SANGRIA	87	20-24 lbs.	Elongated	Dark Red	IR:Co:1, Fon:1	"Gold standard" for eating quality in the Allsweet market. High in sugars and flavor. Great for many growers, brokers and shippers.
75593	SSX8585	90	18-22 lbs.	Long Blocky	Deep Red	IR:Co:1, Fon:1	High yields of sweet, bright red flesh fruit. Excellent for early flowering pollinizer. Performs well in areas where size is needed to fit the market needs. Strong and vigorous vines provide great protection.

ESTRELLA



800



JAMBOREE



860



SANGRIA



SSX8585



WATERMELON - DIPLOID (SEEDED)

CRIMSON SWEET RIND TYPE | HYBRID

Item #	Variety	Days (TP)	Size	Shape	Flesh Color	Resistance/Tolerance	Features
89439	TOPGUN	83	22-26 lbs.	Globe	Deep Red	IR:Co:1, Fon:0,1	Firm and crisp, the flavor and quality is superior for Crimson Sweet types. A proven performer - excellent seedling vigor get the plants off to a good start. Produces large globe-shaped fruit with a bright red and sweet flesh.

SOLID DARK RIND TYPE | HYBRID

Item #	Variety	Days (TP) ↓	Size	Shape	Flesh Color	Features
89454	MAXX	60-65	9-15 lbs.	Oval	Intense Red	Shiny dark green rind with intense red crisp flesh and small seeds. Uniform shape and size dependent upon plant population. Excellent sweet flavor, 11% brix.
84709	SWEETIE PIE	75	13 lbs.	Round	Dark Red	Sugar baby type with knock-out flavor! Interior is slightly crunchy, very juicy and sweet. Dark green-black, thin, glossy rind.



IN ROW POLLENIZER FOR TRIPLOID | HYBRID

Item #	Variety ↓	Days (TP)	Shape	Flesh Color	Resistance/Tolerance	Features
79706	ACE PLUS	Early	Round-Oval, Light Green Background with Medium Green Stripes	Red	IR:Co:1, Fon:1	Very early flowering date that make pollen available for the first female flowers produced by the hybrid. Continues to flower well beyond the hybrid.
86038	MINIPOOL	75	Round, Light Green	Red		Marketable 4-6 lb. pollenizer with continuous production of male flowers. Excellent pollinator for all sizes and rind patterns.
83431	WILD CARD PLUS	Early	Round-Oval, Light Green Background with Medium Green Stripes	Yellow	IR:Co:1, Fon:1	Early and extended flowering period that ensures early pollen availability when the hybrid starts flowering. Extended flowering period that goes well beyond the hybrid. Excellent pollen quality for maximum yields.



POLLENIZER PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds			
			500 sds	1 M	5 M	25 M
109394	Ace Plus	F300	144.05	240.05	229.15	218.20
79706	Ace Plus	Trt	144.05	240.05	229.15	218.20
86038	Minipool	Trt	42.90	71.50	68.25	65.00
83431	Wild Card Plus	Trt	157.75	262.90	250.95	239.00

Prices subject to change without notice.

DIPLOID (SEEDED) WATERMELON PRICING

Item #	Variety	Code pg 2	Price per M or LB M=1,000 Seeds		
			1 M	5 M	25 M
ALLSWEET RIND TYPES					
84879	790HQ	Trt	100.10	95.55	90.96
86023	800	F300	100.10	95.55	90.96
93581	860	F300	98.05	93.60	89.10
61214	Estrella	F400	113.70	108.55	103.34
85395	Jamboree	F400	111.35	106.30	101.20
13693	Sangria	F400	120.20	114.70	109.23
75593	SSX8585	Trt	81.40	77.70	74.00

Prices subject to change without notice.

Item #	Variety	Code pg 2	Price per M or LB M=1,000 Seeds		
			1 M	5 M	25 M
CRIMSON SWEET RIND TYPES					
89439	Topgun	F400	111.85	106.75	101.64
SOLID DARK RIND TYPES					
89454	Maxx	Trt	103.35	98.65	93.94
84709	Sweetie Pie	Trt	43.15	41.20	39.20
SUGAR BABY RIND TYPES					
43417	Sugar Baby	Unt		23.51	22.50
O.P.					
68479	Crimson Sweet	Trt	12.75	38.04	36.40
79717	Mickylee	Trt	17.95	53.56	51.25

TRIPLOID WATERMELON PRICING

TRIPLOID (SEEDLESS) WATERMELON PRICING

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds			
			500 sds	1 M	5 M	25 M
CRIMSON SWEET RIND TYPES						
88559	6177 Plus	Pr/F300		312.80	297.90	
84258	7177HQ	Pr/Trt		287.60	273.87	
93578	7187HQ	Pr/F300		323.50	308.07	
83331	7187HQ	Pr/Trt		323.50	308.07	
93580	7197HQ	F300		323.50	308.07	
93579	7197HQ	Pr/F300		323.50	308.07	
83332	7197HQ	Pr/Trt		323.50	308.07	
82788	Captivation	F400	384.00	366.55	349.05	
79102	Captivation	Pr/F400	384.00	366.55	349.05	
60853	Charismatic	Trt		273.45	260.40	
93455	Declaration	Pr/F300	295.75	282.30	268.82	
97629	Destination	Pr/F400		289.45	275.63	
89509	El Capitan	Trt		332.85	317.00	
85466	Embassy	Pr/F300		335.90	319.90	
86395	Excursion	F400	398.40	380.30	362.15	
69947	Excursion	Pr/F400	398.40	380.30	362.15	
86224	Fascination	F400	426.25	406.85	387.47	
84706	Kingman	Pr/Trt		273.45	260.40	
37737	Liberty	F400		280.95	267.53	
109720	Miramonte	Trt		332.85	317.00	
81586	Red Garnet	F400	327.45	312.60	297.68	
97628	Rio Grande	F400	346.05	330.30	314.56	
88860	Rumba	F400		252.00	240.00	
60852	Secretariat	Trt		273.45	260.40	
85347	Sugar Fresh	Pr/F400		350.40	333.67	

Item #	Variety	Code pg 2	Price per M M=1,000 Seeds			
			100 sds	500 sds	1 M	5 M
CRIMSON SWEET RIND TYPES (CONTINUED)						
89438	Summerlicious	Pr/F400		403.15	384.80	366.46
69013	Sweet Dawn	F400		440.85	420.80	400.75
85394	Sweet Polly	Pr/Trt			178.50	170.00
85392	Sweet Polly	Trt	112.20	187.00	178.50	170.00
85393	Sweet Polly	Unt	112.20	187.00	178.50	170.00
93070	Valor	Pr/F400		445.30	425.05	404.80
85464	Warrior	F400			317.55	302.40
COLORED FLESH TYPES						
28096	Amarillo	Pr/F400		526.25	502.35	478.40
69826	Orange Crisp	Trt	53.95	215.65	359.40	343.05
107981	Tropical Sunshine RZ	Trt		410.80	392.15	373.43
72730	Yellow Buttercup	Trt		459.40	438.50	417.60
PERSONAL SIZE						
69677	Ana	F400		181.50	302.50	288.75
93097	Bolita	Pr/F300			299.35	285.07
27007	Extazy	Trt		180.85	301.40	287.70
84743	Mini Bee	Trt		165.00	275.00	262.50
88236	Nectaro	Trt		176.25	293.70	280.35
89307	Nectaro	Unt		176.25	293.70	280.35
90010	Sirius	F400		342.05	326.50	310.94
85431	Sirius	Pr/F400		342.05	326.50	310.94
SUGAR BABY RIND TYPES						
94200	Dark Knight	F400		529.45	505.40	481.31
66872	Sweet Gem	Pr/F400		529.45	505.40	481.31

Prices subject to change without notice.

WATERMELON GROWERS!

Maximize your pollination with
Biobest 4-Pak™ bumblebees

Specifically designed for pollination
of outdoor crops!

★
LIMITED
QUANTITIES
★



- optimal fruit set
- fewer aborted fruits
- better fruit shape and size



Contact your local Gowan Seed sales representative
to book your hives today.



DISEASE CODES

CROP	Code	Disease	
BEAN	BCMV	Bean Common Mosaic Virus	
	BCTV	Beet Curly Top Virus	
	Cl	Anthrachnose	
	Psp	Halo Blight	
	Pss	Bacterial Brown Spot	
	Ua	Rust	
BEET	Cb	Leaf Spot	
BRUSSELS SPROUTS	Foc	Fusarium Yellows	
CABBAGE	Foc	Fusarium Yellows	
	Pb	Clubroot	
	Xcc	Black Rot	
CARROT	Ad	Alternaria Leaf Blight	
	Cc	Cercospora Leaf Blight	
	Eh	Powdery Mildew	
	Ps	Cavity Spot	
	Xhc	Bacterial Leaf Blight	
CORN, SWEET	Bm	Southern Corn Leaf Blight	
	Et	Northern Leaf Blight	
	MDMV	Maize Dwarf Mosaic Virus	
	Ps	Common Rust	
	Pst	Stewart's Wilt	
	CUCUMBER	Cca	Corynespora Blight and Target Spot
Ccu		Scab and Gummosis	
CMV		Cucumber Mosaic Virus	
Co		Anthrachnose	
CVYV		Cucumber Vein Yellowing Virus	
Pcu		Downy Mildew	
PRSV		Papaya Ringspot Virus	
Psl		Angular Leaf Spot	
Px		Powdery Mildew	
WMV		Watermelon Mosaic Virus	
ZYMV		Zucchini Yellow Mosaic Virus	
LEEK		Pa	Rust
		Tt	Onion Thrips
LETTUCE	Bl	Downy Mildew	
	LMV	Lettuce Mosaic Virus	
	Nr	Lettuce Leaf Aphid	
	Pb	Lettuce Root Aphid	
	Rs	Corky Root	
	TBSV	Lettuce Die-Back	
MELON	Ag	Cotton Aphid	
	Fom	Fusarium Wilt	
	Gc	Powdery Mildew	
	MNSV	Melon Necrotic Spot Virus	
	PRSV	Papaya Ringspot Virus	
	Px	Powdery Mildew	
	S	Sulfur	
WMV	Watermelon Mosaic Virus		
ZYMV	Zucchini Yellow Mosaic Virus		

CROP	Code	Disease
ONION	Ap	Purple Blotch
	Ba	Botrytis Neck Rot
	Foc	Basal Rot
	Pd	Downy Mildew
	St	Pink Root
PEA	BYMV	Bean Yellow Mosaic Virus
	Ep	Powdery Mildew
	Fop	Near Wilt
	Ns	Fusarium Root Rot
PEPPER	PEMV	Pea Enation Mosaic Virus
	Pv	Downy Mildew
	CMV	Cucumber Mosaic Virus
PUMPKIN	Ma	Root-Knot (Meloidogyne Arenaria)
	Mi	Root-Knot (Meloidogyne Incognita)
	Mj	Root-Knot (Meloidogyne Javanica)
	Pc	Phytophthora Crown and Root Rot
	PVY	Potato Virus Y
	TEV	Tobacco Etch Virus
	Tm	Tobamovirus
	TMV	Tobacco Mosaic Virus
	ToMV	Tomato Mosaic Virus
	TSWV	Tomato Spotted Wilt Virus
SPINACH	X spp	Bacterial Spot
	Pcu	Downy Mildew
	Px	Powdery Mildew
	WMV	Watermelon Mosaic Virus
SQUASH	ZYMV	Zucchini Yellow Mosaic Virus
	PRSV	Papaya Ringspot Virus
	Px	Powdery Mildew
SUNFLOWER	WMV	Watermelon Mosaic Virus
	ZYMV	Zucchini Yellow Mosaic Virus
SWISS CHARD	Eh	Downy Mildew
	Cb	Leaf Spot
	Ps	Downy Mildew

CROP	Code	Disease
TOMATO	Aal	Alternaria Stem Canker
	Fol	Fusarium Wilt
	For	Fusarium Crown and Root Rot
	Ma	Root-Knot (Meloidogyne Arenaria)
	Mi	Root-Knot (Meloidogyne Incognita)
	Mi [^]	[^] Soil temperatures above 80.6 °F (27°C) and other stress conditions may cause Mi resistance to break.
	Mj	Root-Knot (Meloidogyne Javanica)
	Pf	Leaf Mold
	Pi	Late Blight
	Pst	Bacterial Speck
	Sbl	Gray Leaf Spot (Stemphylium botryosum f.sp. lycopersici)
	Sl	Gray Leaf Spot (Stemphylium lycopersici)
	Ss	Gray Leaf Spot (Stemphylium solani)
	TMV	Tobacco Mosaic Virus
ToANV	Tomato Apex Necrotic Virus	
ToMV	Tomato Mosaic Virus	
TSWV	Tomato Spotted Wilt Virus	
TYLCV	Tomato Yellow Leaf Curl Virus	
WATERMELON	Va	Verticillium Wilt (Verticillium albo-atrum)
	Vd	Verticillium Wilt (Verticillium Dahliae)
	Co	Anthrachnose
	Fon	Fusarium Wilt
	Px	Powdery Mildew

High resistance (HR): plant varieties that highly restrict the growth and/or development of the specified pest and/or the damage it causes under normal pest pressure when compared to susceptible varieties. These plant varieties may, however, exhibit some symptoms or damage under heavy pest pressure.

Intermediate resistance (IR): plant varieties that restrict the growth and/or development of the specified pest and/or the damage it causes but may exhibit a greater range of symptoms or damage compared to high resistant varieties. Intermediate resistant plant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar environmental conditions and/or pest pressure.

Tolerance (T): the ability of a plant variety to endure abiotic or environmental stress with more limited effect on growth, appearance, and yield although, under higher levels of abiotic stress, the plant variety may be damaged.

STEWARDSHIP AGREEMENT

<p>Section A GROWER INFORMATION – Complete This Section - PLEASE PRINT CLEARLY</p> <p>Grower Name (Last, First, MI) _____</p> <p>Farming or “Doing Business As” (d/b/a/ Name): _____</p> <p>Address: _____</p> <p>City: _____ State: _____ Zip Code: _____</p> <p>Business Phone: _____ County: _____</p> <p>E-mail Address: _____</p> <p>Customer ID #: <i>(Assigned by Syngenta)</i> Technology #: <i>(Assigned by Syngenta)</i></p> <p>Dealer Name: <u>Gowan Seed Company</u></p> <p>Dealer Number: _____ (Office Use Only)</p> <p>Dealer Phone: _____</p> <p>Third Party Syngenta-Licensee: _____ (Office Use Only)</p>	<p>YOU, THE UNDERSIGNED GROWER, HEREBY ACKNOWLEDGE AND AGREE THAT: (1) YOU HAVE READ, UNDERSTAND, AND AGREE TO THE TERMS AND CONDITIONS OF THIS STEWARDSHIP AGREEMENT; (2) THIS IS A LEGALLY BINDING CONTRACT; (3) YOU ARE FULLY AUTHORIZED TO ENTER INTO THIS STEWARDSHIP AGREEMENT; AND (4) YOU ARE VOLUNTARILY ENTERING INTO THIS STEWARDSHIP AGREEMENT.</p> <hr/> <p>Grower Signature Date (individual at farm level responsible for planting)</p> <hr/> <p>Grower Name (Please Print Clearly)</p> <p>Thank you for choosing one or more of the Licensed Technology. Return this Stewardship Agreement to the address shown below. If You have any questions regarding the Licensed Technology or this Stewardship Agreement please call: 1 (877) GRO-CORN or 1 (877) 476-2676.</p> <p>Please return the agreement back to your Dealer at: Fax: 800-837-8072 Email: sales@gowanseed.com Mail: Gowan Seed Company, 2425 104th Ave, Zeeland, MI 49464</p>
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This Stewardship Agreement (“Stewardship Agreement”) is entered into between you (“Grower”) and Syngenta Seeds, LLC (“Syngenta”). By signing and returning this Stewardship Agreement without modification (other than Section A above), Syngenta grants Grower a limited license to use the proprietary technology Bt11 (Attribute®) and/or the Bt11 x MIR162 x GA21 stack (Attribute® II) (each, a “Licensed Technology”) embedded in Syngenta’s sweet corn seed product or in any seed product distributed by a third party Syngenta-licensee (collectively, “Seed Product”). Any proposed changes to this Stewardship Agreement other than in Section A are hereby rejected by Syngenta and shall have no effect unless approved in writing by Syngenta.

STEWARDSHIP

Grower acknowledges receipt of the applicable Attribute® Grower Guide (“Stewardship Guide”) which is incorporated herein by this reference and may be updated from time to time and found at http://www.syngenta-us.com/seeds/vegetables/sweet_corn/sweet_corn.aspx under the “Insect Protection” tab. Grower agrees to periodically check the website for the current Stewardship Guide and to read and comply with the then current Stewardship Guide. If Grower uses any Licensed Technology after Syngenta’s release of a new version of the Stewardship Guide or Stewardship Agreement then Growers use shall be deemed an acknowledgement of receipt and agreement to comply with the then current: (i) Stewardship Guide, (ii) Stewardship Agreement, and (iii) the terms and conditions on the Seed Product packaging (collectively, the “Agreement”). The collective Agreement constitutes the entire agreement between Grower and Syngenta regarding the purchase and/or use of Licensed Technology and supersedes any other terms and conditions whether express or implied.

GROWER’S LIMITED USE LICENSE(S). Grower agrees that the Licensed Technology is protected under one or more U.S. patents (the “Patents”). Once this Stewardship Agreement is signed by the Grower then the Grower is granted the limited right, under the applicable Patents, to purchase and plant sweet corn Seed Products containing the Licensed Technology in the United States or Canada (the “Territory”) but strictly according to the terms of the entire Agreement. Grower agrees that any Seed Product acquired in the Territory shall only be planted in the Territory. Further, Grower agrees not to plant Seed Product in the Territory which was acquired outside of the Territory.

GROWER RESPONSIBILITIES. Grower shall: (a) use Seed Products solely for planting a single commercial crop of fresh produce, forage or grain for food, feeding or processing; (b) not supply, transfer, resell, license or sublicense any Seed Products to any other person or entity for planting or any other purpose; (c) not to save any crop produced from Seed Products for planting by Grower or any other person or entity; (d) abide by the terms of the entire Agreement, as it may be updated from time to time as described above; (e) report to Dealer listed above, the number of acres and the location (county and state) where the Seed Product is planted within 45 days of planting; (f) communicate all applicable stewardship requirements and obligations to any of its employees and agents with respect to handling of or work involving Seed Products and/or the crop produced from Seed Products, and monitor such employees’ and agents’ compliance with Grower’s responsibilities under the entire Agreement; and (g) not use or allow others to use Seed Products, the crop produced from Seed Products, the Licensed Technology or any plant material containing the Licensed Technology for: (i) crop breeding, (ii) research (including, without limitation, agronomic testing or generation of cooperative data against sweet corn seed not containing the Licensed Technology), (iii) generation of registration data or production of Seed Product (unless Grower has entered into a valid, written production agreement with a licensed seed company expressly authorizing one of more of these actions).

TERM AND TERMINATION. This Stewardship Agreement, once signed by Grower and accepted by Syngenta, will remain in effect until terminated by Grower or Syngenta. This Stewardship Agreement may be terminated by either party at any time for any reason by sending written notice of termination to the other party at the address for such party specified herein. In the case of termination of this Stewardship Agreement by Grower, such notice of termination must include Grower’s full name and address. Further, Syngenta may terminate this Agreement for failure of Grower to fully comply with the Grower Responsibilities described above. If Grower violates any terms of this Stewardship Agreement, in addition to other remedies available to Syngenta and any owner of the Patents listed above, Grower may forfeit any right to obtain a license to the Licensed Technology in the future. If this Stewardship Agreement is terminated then Grower will no longer have a right to purchase or use Seed Products, but, Grower’s obligations (including but not limited to the above Grower Responsibilities) and Syngenta’s rights that arose under the Agreement prior to termination shall remain in effect.

LIMITATIONS OF WARRANTIES AND REMEDIES. Grower agrees that the Limitations of Warranties and Remedies expressly stated on the Seed Product packaging shall be incorporated in this section as if set forth in full.

GENERAL PROVISIONS.

- This Stewardship Agreement and the parties’ relationship shall be governed by the laws of the state of Minnesota and the United States (other than the choice of laws rules).
- Grower’s rights may not be transferred to any other person or entity without the prior written consent.
- Attribute® is a trademark of a Syngenta Group Company. LibertyLink® is a registered trademark of Bayer.

REMEDY SWEET CORN – SUPPLEMENTAL AGREEMENT

<p>Section A GROWER INFORMATION – Complete This Section - PLEASE PRINT CLEARLY</p> <p>Grower Name (Last, First, MI) _____</p> <p>Farming or “Doing Business As” (d/b/a/ Name): _____</p> <p>Address: _____</p> <p>City: _____ State: _____ Zip Code: _____</p> <p>Business Phone: _____ County: _____</p> <p>E-mail Address: _____</p> <p>Customer ID #: <i>(Assigned by Syngenta)</i> Technology #: <i>(Assigned by Syngenta)</i></p> <p>Dealer Name: Gowan Seed Company</p> <p>Dealer Number: _____ (Office Use Only) _____</p> <p>Dealer Phone: _____</p> <p>Third Party Syngenta-Licensee: _____ (Office Use Only) _____</p>	<p>YOU, THE UNDERSIGNED GROWER, HEREBY ACKNOWLEDGE AND AGREE THAT: (1) YOU HAVE READ, UNDERSTAND, AND AGREE TO THE TERMS AND CONDITIONS OF THIS SUPPLEMENTAL AGREEMENT; (2) THIS IS A LEGALLY BINDING CONTRACT; (3) YOU ARE FULLY AUTHORIZED TO ENTER INTO THIS SUPPLEMENTAL AGREEMENT; AND (4) YOU ARE VOLUNTARILY ENTERING INTO THIS SUPPLEMENTAL AGREEMENT.</p> <hr/> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Grower Signature (individual at farm level responsible for planting)</td> <td style="width: 40%;">Date</td> </tr> </table> <hr/> <p>Grower Name (Please Print Clearly)</p> <p>Thank you for choosing one or more of the Licensed Technology. Return this Supplemental Agreement to the address shown below. If you have any questions regarding the Licensed Technology, your Stewardship Agreement or this Supplemental Agreement please call: 1 (877) GRO-CORN or 1 (877) 476-2676.</p> <p>Please return the agreement back to your Dealer at: Fax: 800-837-8072 Email: sales@gowanseed.com Mail: Gowan Seed Company, 2425 104th Ave, Zeeland, MI 49464</p>	Grower Signature (individual at farm level responsible for planting)	Date
Grower Signature (individual at farm level responsible for planting)	Date		

This Supplemental Agreement (“Supplemental Agreement”) is entered into between you (“Grower”) and Syngenta Seeds, LLC (“Syngenta”) and supplements the terms and conditions of your Stewardship Agreement with Syngenta (by its predecessor-in-interest, Syngenta Seeds, Inc.). By signing and returning this Supplemental Agreement without modification (other than Section A above) and pursuant to the terms of this Supplemental Agreement and the Stewardship Agreement, Syngenta grants Grower a limited license to use the proprietary technology Bt11 x MIR162 x GA21 stack (the “Licensed Technology”) embedded in Syngenta’s “Remedy” sweet corn seed product or in any seed product distributed by a third party Syngenta-licensee (collectively, “Seed Product”). Any proposed changes to this Supplemental Agreement other than in Section A are hereby rejected by Syngenta and shall have no effect unless approved in writing by Syngenta.

TERM AND TERMINATION. This Supplemental Agreement, once signed by Grower and accepted by Syngenta, will remain in effect until either terminated by Grower or Syngenta, or will be terminated automatically upon the termination of your Stewardship Agreement. This Supplemental Agreement may be terminated by either party at any time for any reason by sending written notice of termination to the other party at the address for such party specified herein. In the case of termination of this Supplemental Agreement by Grower, such notice of termination must include Grower’s full name and address. If Grower violates any terms of this Supplemental Agreement and/or Grower’s Stewardship Agreement, in addition to other remedies available to Syngenta and any owner of the Patents (as defined in the Stewardship Agreement), Grower may forfeit any right to obtain a license to the Licensed Technology in the future. If this Supplemental Agreement is terminated then Grower will no longer have a right to purchase or use Seed Product, but, Grower’s obligations (including but not limited to the Grower Responsibilities as set forth in the Stewardship Agreement) and Syngenta’s rights that arose under the Stewardship Agreement and this Supplemental Agreement prior to termination shall remain in effect.

ACKNOWLEDGEMENT; LIMITATION OF WARRANTIES AND REMEDIES. Grower acknowledges and understands that Grower has been informed that under certain stress conditions, Remedy sweet corn may exhibit tassels and or glumes (male parts) growing out of the ear (female part) (the “Notice”). By its signature on this Supplemental Agreement, Grower acknowledges and agrees:

- Grower has been duly informed of the Notice;
- Grower accepts the Seed Product “as is”, “where is” and with all faults and to assume all risks associated with use of the Seed Product and any actual or perceived impact on any crop yield or quality, and Grower will indemnify and hold harmless Syngenta and Syngenta authorized Distributors, and their respective directors, officers, employees and affiliates from any claims related, directly or indirectly, to the performance or non-performance of the Seed Product and its impact on any crop yield or quality; and
- Grower waives any and all claims and releases Syngenta and Syngenta authorized Distributors, and their respective directors, officers, employees and affiliates, from any and all liabilities relating, directly or indirectly, to the Notice and the use of the Seed Product.

GENERAL PROVISIONS.

- This Supplemental Agreement and the parties’ relationship shall be governed by the laws of the State of Minnesota and the United States (other than the choice of laws rules).
- Grower’s rights may not be transferred to any other person or entity without the prior written consent of Syngenta.

Syngenta Seeds, LLC Attn: Attribute Stewardship 11055 Wayzata Blvd., Minnetonka, MN 55305
 Email: syngenta.stewardship@syngenta.com
 Fax: 1-800-858-8664



NOTICE, AGREEMENT AND TERMS AND CONDITIONS OF SALE OR TRANSFER
OF DIPLOID AND TRIPLOID WATERMELON SEED

This agreement is by and between the Seller and Buyer listed below.

Sakata Seed America 18095 Serene Drive Morgan Hill, CA 95037 USA (hereinafter called Seller)	and	_____ _____ _____ _____ (hereinafter called Buyer)
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SAKATA SEED AMERICA, INC. ("Seller") warrants that the seed it distributes has been labeled as required under State and Federal law, and that it conforms to the label description. Seller makes no other warranties, express or implied, oral or written, including any implied warranties of merchantability or fitness for a particular purpose with respect to this sale of seeds. Watermelon seeds are sold **AS IS AND WITH ALL FAULTS**. Buyer assumes all risk as to quality and performance of watermelon seeds, including the risk that such seeds may carry **BACTERIAL FRUIT BLOTCH OF WATERMELON**. Buyer further assumes all risk for any defect or damage that use of the watermelon seeds may cause.

The undersigned, a duly authorized representative of Buyer, hereby waives all claims against Seller based upon **BACTERIAL FRUIT BLOTCH OF WATERMELON**, including claims based on strict liability, negligence, breach of contract or breach of warranty.

BUYER'S SOLE AND EXCLUSIVE REMEDY FOR ANY CLAIM WITH RESPECT TO THE SALE OF SEEDS IS LIMITED IN ALL EVENTS TO A REFUND OF THE PURCHASE PRICE OF THE SEEDS. Buyer shall not be entitled to any incidental or consequential damages, including planting or replanting costs, lost profits, or any other expenses, losses or damages. Notice of any claim must be received by registered mail within thirty (30) days after the defect in the seed becomes apparent.

Buyer warrants and represents that he is a person who deals in watermelon seeds and by occupation has the knowledge and skill specific to the watermelon seeds involved in this transaction. Buyer further warrants and represents that the purchase of seeds in this transaction is made with full knowledge of the risks regarding watermelon seeds, including the risk that such seeds may carry BACTERIAL FRUIT BLOTCH OF WATERMELON. **Buyer hereby assumes all risk regarding such seeds, and expressly waives any damage claim with respect to BACTERIAL FRUIT BLOTCH OF WATERMELON.**

The undersigned jointly and severally agree to defend, indemnify and hold harmless Seller, its employees, agents and dealers from and against any and all claims, demands, suits, actions, liability, damages and expenses, including, but not limited to, attorneys' fees and court costs, which Seller may suffer or to which Seller may be subject, arising in any way from the distribution by any of the undersigned of the subject seed and relating in any way to BACTERIAL FRUIT BLOTCH OF WATERMELON.

(continued)

Initial: _____



NOTICE, AGREEMENT AND TERMS AND CONDITIONS OF SALE OR TRANSFER
OF DIPLOID AND TRIPLOID WATERMELON SEED

ADDITIONAL NOTICE: Triploid hybrid watermelons are sterile hybrids which characteristically produce fruits with few or no true seeds. Because the absence, or relative absence, of hard or true seeds in the flesh of the melon is its chief distinguishing characteristic, the triploid hybrid watermelon is often referred to as a “seedless” watermelon. Despite this popular perception, triploid hybrid watermelons are not true “seedless” watermelons. The first melons to ripen in a field of triploid hybrid watermelons often contain small, undeveloped seeds. In addition, certain genetic, cultural and climatic factors are known to cause the formation of empty seed coats (small, white, undeveloped seeds), also called “pips”, and/or hard seeds in the flesh of the melons. Due to the wide variety of possible causes of hard seed formation, **TRIPLOID HYBRID WATERMELONS ARE NOT GUARANTEED TO PRODUCE SEEDLESS FRUIT.**

Triploid hybrid watermelon production requires a high level of grower sophistication. Triploid hybrid watermelons require a pollen source and bees to serve as pollen vectors. Triploid hybrids also require special care for satisfactory germination. Growers are encouraged to contact University extension personnel for government publications and information concerning recommended cultural practices. Seller can also supply certain of this information on request. We suggest growers develop expertise in growing triploid hybrid watermelons prior to instituting large-scale commercial production.

SPECIAL LIMITATION OF WARRANTY: ALL TRIPLOID HYBRID WATERMELON SEEDS ARE SOLD PURSUANT TO SELLER’S STANDARD TERMS AND CONDITIONS OF SALE. DESCRIPTIONS AND ILLUSTRATIONS OF TRIPLOID HYBRID WATERMELONS APPEARING ON SELLER’S WEBSITE AND PRODUCT LITERATURE REPRESENT TRIPLOID HYBRID WATERMELONS AS GROWN UNDER FAVORABLE GROWING CONDITIONS IN FAVORABLE GROWING AREAS. APPEARANCE AND PERFORMANCE MAY VARY IN OTHER GEOGRAPHICAL LOCATIONS AND UNDER DIFFERENT GROWING CONDITIONS. SELLER EXPRESSLY EXCLUDES ANY WARRANTY OF CONFORMITY TO DESCRIPTION, ILLUSTRATION OR SAMPLE AND EXTENDS NO WARRANTY THAT THE TRIPLOID HYBRID WATERMELON SEED SOLD WILL PRODUCE “SEEDLESS” FRUIT. ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY EXCLUDED.

I’ve read the foregoing terms and conditions of sale or transfer, and agree to be bound by it.

Buyer representative (PRINT)

Buyer representative SIGNATURE

DATE

Please return at your earliest convenience to:
Email: sales@gowanseed.com
Fax: 800-837-8072 Mail: Gowan Seed Company
2425 104th Ave
Zeeland, MI 49464



Commercial Credit Application

Gowan Seed Company
 2425 104th Ave
 Zeeland, MI 49464
 sales@gowanseed.com
 800.318.5942

Business Information as Registered			
Company Name (DBA)			
Contact Name		Title	
Email		Phone	
PO Box	Phone	Fax	
Physical Address			
City		State	ZIP Code
Length of Time at Current Address: Years Months			
Year of Establishment		Tax ID	
Type of Business: Sole Proprietorship Partnership LLC Corporation Other			

Trade References
 Any information provided will be used solely by Gowan Seed Company, LLC and will be held in the strictest confidentiality

1 Company		Contact	
Phone		Title	
Fax		Email	
Address		PO Box	
City	State	ZIP Code	
Credit Limit	Payment Terms	Past Dues	
Comments			

2 Company		Contact	
Phone		Title	
Fax		Email	
Address		PO Box	
City	State	ZIP Code	
Credit Limit	Payment Terms	Past Dues	
Comments			

3 Company		Contact	
Phone		Title	
Fax		Email	
Address		PO Box	
City	State	ZIP Code	
Credit Limit	Payment Terms	Past Dues	
Comments			

Acknowledgement

I, _____ authorized representative of _____, attest that the information provided is true and accurate to the best of my knowledge. By signing below, I authorize Gowan Seed Company, LLC to check public records and contact the trade references provided to determine the above mentioned company's credit worthiness.

Signature	Date
-----------	------



Commercial Credit Application

Gowan Seed Company
 2425 104th Ave
 Zeeland, MI 49464
 sales@gowanseed.com
 800.318.5942

Terms & Conditions

Payment Terms

All accounts are due and payable in full within _____ terms of each invoice date. All past due principal is subject to an annual finance charge of fifteen percent (15%) or one and one-quarter percent (1.25%) per month. Customers who do not pay within the expressed terms and conditions contained herein agree to reimburse Gowan Seed Company for all collection costs incurred by Gowan Seed Company including, but not limited to, attorney's fees, expenses and court costs.

I authorize Gowan Seed to contact the financial and trade references listed on the Credit Application to obtain, verify, and re-verify credit information.

This Agreement shall be governed by the laws of the State of California. The parties agree that all disputes or actions arising under this Agreement shall be commenced, prosecuted and concluded in the Superior Court of the State of California in and for the County of Monterey and not elsewhere. Each party specifically waives any objections to venue in Monterey County.

Applicant agrees that Gowan Seed Company may in its sole discretion, and for any reason, cease providing goods and/or services to the Applicant at any time without notice to the Applicant. Applicant agrees Gowan Seed Company shall not be liable to the Applicant for any damages incurred by Applicant as a result of the cessation of goods or services to Applicant. Upon termination of this Agreement by either party, all principal and interest shall be immediately due and payable and interest on said sum shall accrue at the rate of 15% per annum or 1.25% per month until paid in full.

If the Applicant is a corporation, limited liability company, or partnership, the undersigned represents that he or she has the authority to bind the corporation, limited liability company, or partnership to the terms and conditions set forth herein.

_____ By placing his or her initials in the space provided, the undersigned acknowledges that additional terms and conditions may be contained in the document(s) attached hereto and bearing the signature of the undersigned.

Applicant has read the provisions set forth and fully understands them. The parties to this agreement have freely allocated the risk between them.

Principal or Officer's Signature
Print Name of Principal or Officer

Please return completed credit application to your salesman or to sales@gowanseed.com.

For Internal Use Only	
Customer Number	Category 1
Credit Limit Requesting	Category 2
Credit Limit Approved	Salesman Name
Payment Terms	Sales Coordinator
Credit Remarks	
Manager Approval Signature	
<input type="checkbox"/> Terms & Conditions have been signed and initialed	



Gowan Seed Company
 2425 104th Ave
 Zeeland, MI 49464
 800-318-5942

ORDER FORM

Fax: 800-837-8072 Email: sales@gowanseed.com

Order Date _____ Requested Ship Date _____

Farm Name _____

Contact Name _____

Address _____

City _____

State _____ Zip _____

Email _____

Phone _____ Fax _____

Credit Card # _____ Exp. Date _____ Sec. Code _____

Customer Signature _____ Date _____

*Your credit card will be charged at the time of shipment for only the items we are shipping.
 If billing address is different than above, please advise.*

Ship To Name _____

Address _____

City _____

State _____ Zip _____

METHOD OF PAYMENT (check one)

Check/Money Order # _____

Credit Card Terms on Account

Item #	Crop / Variety	Total Quantity	Unit Price	Extended Price

Waiver forms are required for all watermelon purchases of 2.5M or more prior to shipping.	Total (above)	
Have you been working with any seed consultants on page 1?	Total (back page)	
	Subtotal	
	Add \$20.00 shipping & handling fee if order is less than \$250.00	
	Michigan residents add 6% sales tax (if applicable)	
	Total	

I HAVE READ THE LIMITATION OF WARRANTY AND REMEDY ON PAGE 4 AND ACCEPT THEM

Signature _____ Date _____

PLANTING GUIDELINES

These figures are approximate and may vary due to seed size and growing conditions.

M=1,000 Seeds		Seeding Rate		Planting Distance		Seed Planting	
Crop	Average Seeds per Pound	Direct Seed per Acre M / LB	Transplant per Acre M / Acre	In Row (inches)	Between Rows (inches)	Planting Depth (inches)	Days to Germination
Bean, Bush	1,500-2,000	80 M / 50 LB		2	30-36	1	6-10
Beet	35,000	700 M / 20 LB		2	18-24	0.5-1	6-10
Broccoli	100,000	50 M / 0.5 LB	15-25 M	12-18	30-36	0.25-0.5	5-10
Brussels Sprouts	100,000	25 M / 0.25 LB	7-10 M	24	36	0.5-1	6-10
Cabbage	100,000	20-50 M / 0.25-0.5 LB	12-18 M	12	36	0.25-0.5	6-10
Carrot	300,000	700 M / 2 LB		0.5	15-20	0.5	8-12
Cauliflower	100,000	25 M / 0.25 LB	12 M	18-24	30-36	0.5	6-10
Celery	1,000,000+		25-50 M	8	12-16	0.25-0.5	14-20
Collard	100,000	150 M / 1.5 LB	75 M	18	30-36	0.5	6-10
Corn, Ornamental	1,600	15-25 M / 10-12 LB		8-12	36	1	7-10
Corn, Sweet	3,000	20-25 M / 7-12 LB		8-12	36	1.5-2	7-10
Cucumber, Slicing	15,000	5-12 M / 0.5-1.5 LB	5-12 M	6-18	48-72	0.5-1	7-10
Cucumber, Pickling	15,000	15-25 M / 1-2 LB	10-20 M	6-12	36-60	0.5-1	7-10
Eggplant	100,000	15 M / 0.15-0.25 LB	5-8 M	18-24	48-60	0.5	10-14
Endive / Escarole	300,000	50-90 M / 0.25 LB	45 M	8-12	18-24	0.25-0.5	10-14
Herb, Basil	275,000	0.25-1 LB		2-8	12-18	0.25	5-10
Herb, Dill	250,000	0.5-1 LB		2-4	18-24	0.25-0.5	7-10
Kale	135,000	25-50 M / 0.5-1 LB	10-35 M	12-18	18-36	0.5	7-10
Kohlrabi	100,000	50-100 M / 1-2 LB	35-60 M	12	18	0.5	6-10
Leek	125,000	150-200 M / 2.5-3 LB	125-180 M	4	16-20	0.5-1	10-14
Lettuce, Head	400,000	125 M / 0.75-1 LB	80 M	8-12	12-15	0.25	5-8
Lettuce, Leaf	425,000	120 M / 0.75-1 LB	80 M	8-12	12-15	0.25	5-8
Mustard	220,000	100 M / 0.25-0.50 LB	35-70 M	8	12	0.3	5-8
Okra	8,000	50 M / 5-7 LB	6-10 M	12-24	42-54	0.5-1	7-14
Onion, Bunch	200,000	1500 M / 7-10 LB	260-1100 M	0.5-1.5	12-16	1	10-14
Onion, Bulb	100	250-300 M / 2-3 LB	225 M	1.2	12-15	1	10-14
Parsnip	90,000	250 M / 3 LB		1	34	1-2	15-25
Pea	2,200	160-220 M / 80-100 LB		1-2	36-42	1-2	6-10
Pepper	60,000		10-12 M	12-18	60-72	0.5-1	10-14
Pumpkin	3,000	2-4 M / 0.5-1.2 LB		24-36	48-96	1-1.5	7-10
Radicchio	300,000	20 M	10 M	10	12-15	0.25	7-14
Radish	50,000	500-750 M / 12-15 LB		1	10	0.5	5-8
Rutabaga	160,000	80-150 M / 0.5-1 LB		6-8	24-30	0.5	5-10
Spinach	50,000	150-500 M / 3-10 LB		1-3	12-18	0.5-1	7-10
Squash, Summer	5,000	6-10 M / 1.5-2 LB		18-24	36-60	1-1.5	7-10
Squash, Winter	3,000	6-9 M / 2-3 LB		18-24	72-96	1-1.5	7-10
Swiss Chard, Bunch	25,000	100 M / 2-4 LB		4	18-24	1	7-10
Tomato	155,000		6-7 M	18	48-60	0.25-0.5	7-10
Turnip	175,000	260 M / 1.5 LB		2-3	12-18	0.25-0.5	6-10
Watermelon, Large	8,000	2-3 M / 0.25-0.5 LB	1.5-2.5 M	36	72	1	8-12
Watermelon, Small	12,000	5-6 M / 0.5-0.75 LB	4-5 M	24	72	1	8-12

GOWAN EXCLUSIVES!

PRISM MIX (pg 54)



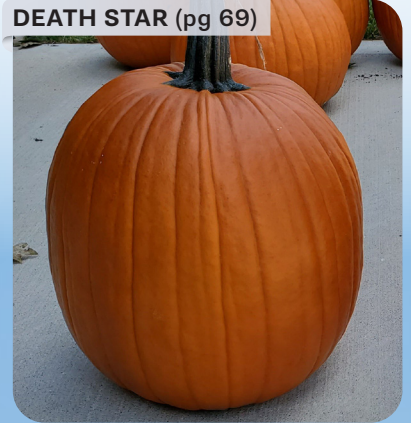
SALUTE XR (pg 26)



CATARINO (pg 61)



DEATH STAR (pg 69)



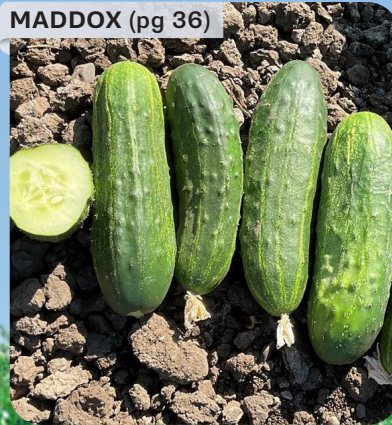
KESTREL (pg 10)



GALAXY (pg 85)



MADDOX (pg 36)



REDEMPTION XR (pg 26)



TONS OF FUN (pg 70)



XTH3774 (pg 28)



TROOPER (pg 82)



CAROLE (pg 97)

