



Home Grown

VEGETABLE SEED CATALOG

SAKATA®

Bringing Quality Varieties to the Home Garden and Local Grower Markets

Sakata Home Grown offers premium customer service, comprehensive support and superior products. Sakata Seed has been innovating for over 100 years, providing the finest vegetable varieties curated from our world-renowned breeding programs. We distribute our seed via wholesale dealers throughout the United States and Canada. From seed packets and controlled agriculture environments to farm stands and home gardens of any size, Sakata Home Grown products are sure to garner rave reviews. Our goal is to be your supplier of choice, and we look forward to serving you in the seasons ahead.



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FEATURED ON COVER



ROADSTER Tomato

This candy apple red beauty will turn heads! Roadster has the perfect combination of flavor, early maturity and extra-large (8-12 ounce) fruit size. Fruits have smooth shoulders, are globe-shaped and glossy. Medium sized, disease resistant, container friendly determinate plants race to maturity in about 65-70 days from transplant. Roadster is quickly gaining a reputation for exceptional taste and rich red color inside and out.

FEATURED ON BACK COVER

GENESIS Squash

Genesis is a processing-type butternut squash that is extra large in size with a thick, long neck with little to no ribbing. This variety is noted for good storability, and vigorous, strong vines with large yield potential. Disease resistance: HR:Px.



See page **68** for our new **RuBee Collection**
Indeterminate Slicer Tomatoes!

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BROCHURES



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Variety Suggestions

Do you want to quickly know what varieties are best for your particular market segment or program?
Use this chart to narrow down potential options.

Variety	Home Garden / Mail Order	Seed Packet Racks	Farm Markets	Bedding Plant Growers	Combo Planters	Baby / Micro Greens
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ARUGULA:

Astro	•	•	•	•	•	•
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BABY BROCCOLI:

Aspabroc	•		•	•	•	
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BEAN:

Jumbo	•	•				
Orient Wonder	•	•				

BEET:

Bull's Blood	•	•				•
Chioggia Guardsmark	•	•	•			•
Detroit Supreme		•				•
Eagle	•		•			
Early Wonder Tall Top	•	•	•			•
Falcon	•					•
Fresh Start	•	•	•	•	•	•
Kestrel	•		•			•
Merlin	•		•			•
Red Ace		•	•			•
Touchstone Gold	•	•	•			
Vulture	•	•	•			•

BROCCOLI:

Avenger			•			
Emerald Crown	•			•		
Endurance			•			
Expo			•			
Godzilla	•		•	•		
Green Gold	•		•	•		
Green Magic	•	•	•	•		
Gypsy	•	•	•	•		
Imperial	•		•	•		
Marathon	•	•	•	•		
Maverick			•			
Patron			•			

CABBAGE:

Blue Vantage		•	•			
Charmont	•					
Emblem			•			
Fast Vantage	•			•		
Grand Vantage	•		•	•		
Greenboy			•			
Headstart	•	•	•	•		
Red Jewel	•	•	•	•		
Royal Vantage			•			
Savoy King	•	•	•	•		
Stonehead	•	•	•	•		
Storage #4	•	•				

Variety	Home Garden / Mail Order	Seed Packet Racks	Farm Markets	Bedding Plant Growers	Combo Planters	Baby / Micro Greens
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CABBAGE (CONT):

SuperStar	•		•	•		
Supreme Vantage			•			
Xtreme Vantage			•			

CARROT:

Chantenay Red Cored		•				
Duquesa	•		•			
Fuerte	•					
Ingot	•	•	•			
Nantes Coreless	•	•	•			
Neptune		•				
Olympus	•		•			
Royal Chantenay	•	•	•			
Samantha	•					
Triton	•		•			

CAULIFLOWER:

Candid Charm	•	•	•	•		
Twister	•		•	•		
White Corona	•		•	•	•	

CHINESE CABBAGE:

China Coast	•		•	•		
China Express	•	•	•			
China Gold	•		•			
China King	•		•			
China Star	•		•			
Yuki	•		•	•		•

COLLARD:

Flash	•		•	•	•	•
Top Bunch 2.0	•		•	•	•	•
Top Chop	•		•	•	•	•
Vates	•	•				

CUCUMBER:

Slice More	•		•			
Tasty Green	•	•	•	•		

EGGPLANT:

Shikou	•		•	•	•	
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HERBS:

Basil Italian Large Leaf	•	•	•	•	•	•
Cilantro Santo	•	•	•	•	•	•
Dill Bouquet	•	•	•	•		•
Dill Dukat	•	•	•	•	•	•
Parsley Dark Green Italian	•	•	•	•	•	•
Parsley Forest Green	•	•	•	•		

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KALE:

Blue Ridge	•		•	•	•	•
Improved Dwarf Siberian	•	•	•	•	•	•
Vates Blue Curles Scotch		•		•	•	•

KOHLRABI:

Quickstar	•		•			
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KOMATSUNA:

Savanna	•	•	•	•	•	•
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LETTUCE:

9017	•	•	•			•
9208	•		•	•	•	•
9409	•		•	•	•	•
9424	•	•	•	•		•
Cervia	•		•			•
Chamisal	•		•			•
Cielo Verde	•		•	•	•	•
Fresh/Heart	•		•	•		•
Green Tiger	•	•	•	•	•	•
Heatmaster	•		•			
Hitchhiker	•	•	•			•
Kingpin	•		•			•
Kremlin	•		•	•	•	•
Luna	•		•			
Meridian	•		•			•
Monterra	•		•			•
Omega 42	•		•			•
Portola (2743)	•		•			•
Raider	•		•			
Red Dragon	•	•	•	•	•	•
Red Tide	•		•	•	•	•
Regency 3.0	•		•			•
RL 2211	•		•	•	•	•
Saratoga	•	•	•	•	•	•
Taboo	•	•	•			•
Vanguard PIC	•		•	•		
Wizard	•		•	•	•	•
Zorro	•		•	•		•

MELON:

Alaniz Gold	•		•			
Atlantis		•				
Avatar	•		•	•		
Bit O' Gold						
Citrino	•		•			
Dulce Nectar			•			
Infinite Gold			•			
Megabrew	•		•			
Super Nectar			•			

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MUSTARD:

Florida Broadleaf		•		•		
Miz America	•	•	•	•	•	•
Southern Giant Curled		•		•		•

OKRA:

Jambalaya	•	•	•	•	•	
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ONION:

Mt Whitney	•		•			
Ovation	•		•			
Spanish Medallion	•	•	•			
White Gem	•	•	•			

PAK CHOI:

Asian Deluxe	•	•	•	•		
Feng Qing Choi	•		•	•		•
Joi Choi	•	•	•	•	•	•
Li Ren Choi	•		•			•
Mei Qing Choi	•		•	•		•
Toy Choi	•	•				

PEA:

Little SnapPea Crunch	•	•		•	•	•
Little SnapPea Petite	•	•				•
Little SnowPea Purple	•	•		•	•	•
Little SnowPea White	•	•		•	•	•

PEPPER: HOT

Arapaho	•		•	•	•	
Campeon	•		•	•		
Cinder	•		•	•		
Crackle	•		•	•	•	
Desperado	•		•	•		
Durango	•	•	•	•		
Early Flame	•			•	•	
El Jefe	•		•	•		
Jalafuego	•		•	•	•	
Pathfinder	•		•	•		
Spicy Slice	•		•	•		
Sureno	•		•	•	•	
Trident	•		•	•		

PEPPER: SWEET

Cherokee	•		•			
Classic	•	•	•	•		
Double Up		•		•		
Early Summer	•		•	•	•	
Gold Fortune	•		•	•		
Grenada	•		•			
Hugarian Stuffing Trio	•		•	•	•	
Lemon Delite	•		•	•	•	

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PEPPER: SWEET (CONT)

Lola	•	•	•	•	•	•
Majestic Red	•		•	•	•	•
Ninja S10	•		•			
Nitro S10	•		•			
Orange Delite	•		•	•	•	
Red Bull	•	•				
Ruby Delite	•		•	•	•	
Samurai S10	•		•			
Shogun S10	•		•			
Takara	•		•	•	•	
Touchdown				•		
Yellow Sparkler	•		•	•	•	

PUMPKIN:

Capitan Jack	•		•			
Diablo			•			
Earlipack			•			
Fall Splendor Plus	•		•			
Hijinks	•	•	•			
Jack Sprat			•			
Kandy Korn Plus	•	•	•	•		
Large Marge	•	•				
Mr. Wrinkles	•		•			
Mrs. Wrinkles	•		•			
Rockafellow	•	•	•			
Toad	•	•	•			
White Flat Boer Ford	•	•	•			

RADISH:

Champion	•	•				
Cheriette	•	•				
Crunchy Crimson	•		•			
Crunchy King			•			
Crunchy Red	•		•			
Crunchy Royale		•				
Easter Egg II	•	•	•			
Fireball	•		•			
French Breakfast	•	•	•			
Shunkyo Semi-Long	•		•			•
Starburst	•	•	•			

RUTABAGA:

Laurentian	•		•			
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SPINACH:

Imperial Beach	•	•	•	•	•	
Imperial Valley	•	•	•	•	•	
Lakeside	•		•	•	•	•
Oceanside	•	•		•	•	•

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SPINACH (CONT):

Plymouth	•	•	•	•		
Riverside	•	•		•	•	•
Seaside			•	•	•	•

SQUASH: SUMMER

Bocce	•		•			
Cometa	•		•			
Endeavor		•		•		
Fiesta	•					
Summer Surprise Mix	•	•	•			
Symphony	•		•	•		

SQUASH: WINTER

Atlas	•					
Genesis	•		•			
Kurihomare	•		•			
Little Dipper	•		•			
Polaris	•		•			
Primavera	•		•			
Quantum	•		•			
Sweet Dumpling OP	•	•	•			
Tivoli	•		•	•		
Vegetable Spaghetti OP		•				
Zodiac	•		•			

SWISS CHARD:

Celebration	•	•	•	•	•	•
Eldorado			•	•	•	•
Fire Fresh			•		•	•
Fordhook Giant		•		•		
Peppermint	•	•	•	•	•	•
Rhubarb	•	•	•	•	•	•
Ruby Fresh			•		•	•
Silverado	•			•	•	•

TOMATILLO:

Super Verde	•		•	•		
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TOMATO, CHERRY & GRAPE:

Bellini	•		•	•		
Braveheart	•		•			
Gold Spark	•		•	•		
Little Birdy Series	•			•	•	
Mingle Mix	•	•	•	•		
Ruby Crush	•		•	•	•	
Sweet Gold	•	•	•			
Sweet Hearts	•		•			
Sweet Million	•	•	•			
Sweet Treats	•		•			

Variety	Home Garden / Mail Order	Seed Packet Racks	Farm Markets	Bedding Plant Growers	Combo Planters	Baby / Micro Greens
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TOMATO, ROMA:

Cedro	•		•	•		
Daytona	•		•	•		
Optimax	•			•		
Shelby	•	•	•	•		
Supremo	•		•	•	•	
Tachi	•		•			

TOMATO, SLICER:

Bella Rosa	•		•	•		
Camaro			•			
Charger	•		•	•	•	
Grand Marshall	•		•			
Red Pride	•	•	•	•	•	
Red Snapper	•		•	•		
Roadster	•		•	•		
RuBee Dawn	•		•	•		
RuBee Goddess	•		•	•		
RuBee Plus	•		•	•		
RuBee Prize	•		•	•		

TURNIP:

Alamo	•	•		•		•
All Top	•	•	•			
Topper			•			
Purple Top White Globe OP		•	•			
Royal Crown	•	•	•			
Southern Green		•	•			
White Lady	•		•			•

WATERMELON:

Ace	•		•			
Belmont	•		•			
Eclipse	•		•			
Fantasy	•		•			
Secretariat			•			
Sweetie Pie	•	•	•			
Verde Grande			•			
Wild Card Plus	•		•			
Yellow Buttercup	•		•			





The Harvest Collection by Sakata Home Grown is a carefully curated collection of Sakata's most garden-friendly and tasty varieties! The Sakata Home Grown team is often asked about their favorite products, so we gathered our tried and true (and top new!) picks together for the Harvest Collection. The Harvest Collection includes two assortments of Sakata varieties selected for either mail order or plant grower supply companies. These varieties are a great start for a garden or plant collection. We've also included new varieties to keep things current. When partnering with us in promoting the Harvest Collection you are agreeing to carry at least 20 collection varieties per year. In return you receive periodic "toolkits" that include files and lifestyle photos, recipes, social media post templates, use of our collection logo, and a link on our supplier page.



**RECIPE
CARDS**



**LIFESTYLE
PHOTOGRAPHY**



**SOCIAL MEDIA
INSPIRATION**



**QUICK START FOR A
VEGGIE PLANT LINE**



ASTRO Arugula

Our selection of *Eruca sativa* boasts less deeply-lobed leaves and a milder flavor than wild arugula. The medium green leaves of Astro are wide at the top, with a slight cut to the outer edge. They have a pleasant, nutty flavor that will grow stronger as the weather warms. Slow to bolt; however, once it flowers, the tiny blooms can also be added to salads for a peppery flavor. Early maturing yet heat tolerant, Astro is ready to harvest from direct sow for baby leaf at 32-35 days and for mature leaves at 52-55 days. *Organic and non-organic seeds available.*

ASPABROC Baby Broccoli

Known as Broccolini® in the produce section of your grocery store and on restaurant menus, Aspabroc resembles a broccoli raab with an asparagus stem, and offers a mild taste that even the broccoli-averse like! Aspabroc is easy to grow and requires less space than traditional broccoli plants, while providing more harvestable produce. The first central shoot must be pinched, then plants will set 3-5 side shoots shortly thereafter and continue for about four weeks in mild weather. First maturity of the side shoots is 50-60 days from transplant. Broccolini® is a registered trademark of Mann Packing Company, Inc.



Nutrition FACTS:

GOOD
SOURCE OF
VITAMIN A
FOLATE
IRON
POTASSIUM

EXCELLENT
SOURCE OF
VITAMIN C
(over 100%
per serving!)

35
CALORIES per
3 oz. serving
(around 5-6
stalks)



JUMBO Fava Bean

Favas are a popular bean in the Mediterranean, where they are used both as a fresh shell bean or left on the plant to dry. Our variety is easy to grow with strong, vigorous plants that are relatively tolerant of cooler conditions. The pods are dark green and shiny and produce a high ratio of three extra-large beans per pod. Pinching the first central shoots can encourage heavier yields. Suitable for outdoor culture in warm seasons and for greenhouse culture. Matures in about 80-90 days from direct sow.



ORIENT WONDER Bean

A pole-type bean, also known as yard-long or asparagus bean. Slender 15 to 18 inch pods can be eaten lightly steamed or added to a stir-fry. Plants are vigorous and vining. Pods are slow to form seeds, remaining tender for extended harvest. Far superior to standard strains, as it is widely adapted and able to withstand cooler, drier conditions as well as warm, humid weather. Pods are ready to harvest in about 75-85 days from direct seeding.



RED ACE Beet

Red Ace's wide adaptability and high yield potential have made it an industry leader. Red Ace is known for its uniform, smooth top-shaped roots, heavy yields and consistent performance. Organic and non-organic seeds available. Widely adapted, uniform and easy to grow. Fresh market and baby leaf with high sugar content.



MERLIN Beet

Merlin is our sweetest beet, noted for its exceptional flavor and high brix (sugar content) of 12-15%. It offers uniform, round-shaped, deep burgundy-red roots with very little interior zoning. Erect, glossy, dark green tops also display high eating quality. Merlin has become a favorite across many segments - from home gardeners to farm market growers to the prepared food market. *Organic and non-organic seeds available.*



TOUCHSTONE GOLD Beet

Touchstone Gold offers a root with a vibrant orange-red exterior and rich gold interior color. Combined with its striking green leaf/gold petiole contrast and unique flavor, this beet is sure to catch your eye on the dinner plate. Very sweet, with a milder taste compared to red beets. See our website for details on its superior sensory evaluation results from 3rd-party testing. *Organic and non-organic seeds available.*



KESTREL Beet

Kestrel's hybrid vigor leads to an early, uniform plant stand. Its ability to develop a round shape at an early stage makes it an excellent candidate for baby beet production. This variety can also be stored for extended periods of time when harvested at full maturity. For fresh market, main season and baby beets. Early, with hybrid vigor, uniformity, and yield. High sugar content.



BULL'S BLOOD

Beet

CHIOGGIA
GUARDSMARK

Beet



DETROIT SUPREME

Beet



FRESH START

Beet Greens

Variety	Days to Maturity from Direct Seed	Root Shape	Root Color	Leaf Tops - Color/Height	Bolt Resistance	Uses & Remarks
HYBRID:						
Eagle F1	25-35 baby leaf, 80-85 mature	Globe	Red	Green / Medium	Very high	A good all-purpose beet with refined crown and tap root attachment.
Falcon F1	80-85 mature	Blocky	Deep red	Green / Tall	Very high	Heat tolerant - perfect for warmer growing conditions.
Fresh Start F1	25-35 baby leaf	-	-	Dark green / -	-	A fast growing baby leaf variety with high resistance to downy mildew (1), Dark green leaves with deep red petioles ideal for spring mixes.
Kestrel F1	25-35 baby leaf, 85-90 mature	Blocky globe	Red	Green / Medium-tall	Very high	Forms large roots for suitability in all segments. Early, with hybrid vigor, uniformity and yield.
Merlin F1	25-35 baby leaf, 85-90 mature	Globe	Red	Green / Medium	Very high	Very high sugar content (12-15% brix); long storage ability. Excellent for fresh and specialty markets. <i>Organic and non-organic seeds available.</i>
Red Ace F1	20-35 baby leaf, 80-85 mature	Top-shaped	Deep red	Green / Medium	Very high	Widely adapted, uniform and easy to grow. An industry standard. <i>Organic and non-organic seeds available.</i>
Vulture F1	85-90 mature	Blocky cylindrical	Deep red	Dark green / Medium	Very high	Half-long cylindrical beet with good flavor and excellent yields. Works well for uniform slicing and pickling.
OPEN POLLINATED:						
Bull's Blood	28-32 baby leaf, 60-65 mature	Top-shaped	Bright red	Dark red / Medium-tall	Moderate	Heirloom variety, dark red foliage is grown for leafy green mixes. <i>Organic and non-organic seeds available.</i>
Chioggia Guardsmark	85-90 mature	Flat Egyptian	Purple & white zoning	Light green / Medium	High	A popular and beautiful heirloom for the home gardener and innovative fresh-market grower. <i>Organic and non-organic seeds available.</i>
Detroit Supreme	25-30 baby leaf, 85-90 mature	Globe	Deep red	Green / Tall	High	Improved strain of Detroit Dark Red that forms large roots, deeper color, smoother skin, more refined tap root and crown attachment.
Early Wonder Tall Top	25-35 baby leaf, 90-95 mature	Top-shaped	Bright red	Green / Tall	Very high	A popular home garden variety for its sweet roots and flavorful tops.
Touchstone Gold	85-90 mature	Globe	Interior: Golden yellow Exterior: Orange red	Light green / Medium	Very high	The top choice for home, fresh and specialty markets. Good choice when a mild-tasting beet is preferred. See our website for its superior sensory evaluation results from 3rd-party test panel. <i>Organic and non-organic seeds available.</i>



GODZILLA Broccoli

Godzilla reigns as the newest king of broccoli! Our latest variety forms very heavy, firm, small-beaded heads that sit in mid-high position on the plant for easy harvest. Leaf attachments are small and lower on the stem, allowing for quick trimming and attractive, dense, superbly edible stems. Godzilla is ideal to plant for harvesting after Gypsy and Imperial are finished. Plants mature about 100 days from transplant.



AVENGER Broccoli

Avenger is an excellent choice for the crown cut and processing markets. It offers dome-shaped, tight, heavy, blue-green heads with short bracts, thick stems and very small beads. This variety has wide adaptability performing well in the U.S., Mexico and Guatemala.



EMERALD CROWN Broccoli

Emerald Crown is an early to mid-maturing, very uniform, heavy-headed, domed variety with small beads on a small framed plant. Suggested planting in spring/fall. Resists purpling.



GREEN MAGIC Broccoli

One of our most widely-adapted, multi-use varieties. A summer into fall type which produces semi-domed, tight heads with medium-small bead size and a manageable plant habit.



MARATHON Broccoli

An industry standard in broccoli, Marathon is widely adaptable. This variety has yielded outstanding results for fresh market and is a heavy yielder in the early and late season. Marathon has a high dome, small bead and heavy head.



GYPSY Broccoli

Gypsy performs well under moderately warm conditions. A favorite of organic growers, Gypsy has a strong root system and intermediate downy mildew resistance.



IMPERIAL Broccoli

One of our most widely-adapted varieties, Imperial is mid-maturing and heat tolerant, ideal for long-day conditions. It is multi-use, performing well for fresh eating and freezing. Keeps well after harvest.

Variety	Days to Maturity Direct Seed*	Plant Height	Head Color	Head Characteristics	Bead Size	Uses & Remarks
Avenger F1	102	Tall	Blue-green	Domed, dense	Extra-small	High percentage of crown cuts, very attractive head and excellent holding ability.
Emerald Crown F1	93	Compact	Blue-green	Semi-domed	Small	Very uniform, excellent quality heads on small-framed plants. Warm to cool growing season.
Endurance F1	102	Medium	Medium green	Domed, dense	Small	High-yielding plants produce tight, domed heads with refined beads.
Expo F1	102	Medium	Medium green	Domed, dense	Small	Excellent variety for crown cut and Asian cuts. Overwinters well.
Godzilla F1	100	Tall	Green	Dense, heavy, high	Extra-small	Heavy head sits high for easy harvest; thick, edible stems are quick to trim of few leaves.
Green Gold F1	100	Medium	Medium green	Domed, dense	Small	Excellent harvest uniformity. Ideal in Southwest locations.
Green Magic F1	90	Medium	Blue-green	Semi-domed	Medium-small	Widely adaptable variety for fall fresh market growing.
Gypsy F1	90	Tall	Medium green	Domed, smooth	Medium-small	Good for organic production due to strong root system and disease resistance. Performs well under moderately warm conditions. Intermediate resistance to downy mildew.
Imperial F1	105	Tall	Dark green	Semi-domed	Small	Performs well in long days. Excellent holding ability after harvest.
Marathon F1	97	Medium tall	Blue-green	Domed, dense	Small	Uniform, and sizes up well in cold, overwinter production. Multi-use.
Maverick F1	95	Tall	Medium green	Domed, dense	Small	Multi-use variety. Vigorous plant.
Patron F1	94	Medium	Dark blue-green	Domed, high	Small	Good for summer to fall harvest. Tolerant to brown bead/hollow core.

*The days to maturity are calculated as an average of fall harvest dates for transplanted broccoli in Salinas, CA. Some sowing dates may result in earlier or later maturity. Overwinter production can add up to 20 days to the numbers listed.



Exclusive Content
for
HARVEST
COLLECTION
MEMBERS

GREEN MAGIC BROCCOLI SALAD

INGREDIENTS:

- 2 heads broccoli, main stem removed and chopped into small, bite sized pieces
- 1 cup shredded carrots
- ¼ cup finely diced red onion
- ½ cup dried cranberries or golden raisins
- ¼ cup sunflower seeds
- ½ real bacon bits (leave these out for a vegetarian version)
- 1 cup mayonnaise
- 3 tablespoons apple cider vinegar
- 2 tablespoons pure maple syrup
- ½ teaspoon salt
- 1 teaspoon black pepper

LET'S GET STARTED

Whisk together mayonnaise, vinegar, maple syrup, salt and pepper in a large bowl. Add broccoli, carrots and red onion and toss. Stir in the cranberries, sunflower seeds and bacon bits until everything is well coated. Check seasoning and adjust to taste. Refrigerate for at least 1 hour before serving.



SUPERSTAR Cabbage

SuperStar cabbage offers excellent quality, flavor, texture, and harvest flexibility. The solid, green, medium to large round heads are protected by a strong-framed plant and multiple wrapper leaves. SuperStar can be used fresh or for processing and has excellent holding ability in the field and after harvest. This great tasting cabbage is Fusarium yellows race 1 resistant and black rot tolerant. It matures in about 80 days.



HEADSTART Cabbage

First introduced in the US in 1967, Headstart is an example of Sakata's 100+ years of venerable vegetable breeding. Headstart is quick to mature at 60-70 days from transplant. The bright green, round/slightly flattened heads are compact and heavy. The small to medium sized Copenhagen-Market type heads are best used fresh for slaw, sauerkraut, or slow cooking.



SAVOY KING Cabbage

An outstanding, well adapted AAS winner that performs well in a wide variety of conditions. Under mild climates, it may be sown in spring, summer and fall. The heads are large and slightly flat with a short core and dark green, crinkled leaves. A heavy yielder and good choice for eating raw or cooked.



STORAGE #4 Cabbage

Storage #4 is an excellent-yielding storage type with a nice dark green color. This versatile variety also works great in the late fall for fresh market, especially in muddy and rainy conditions. Due to its earliness when used for storage, we recommend later season plantings for best storage results.



STONEHEAD Cabbage

Stonehead is an early, medium-headed variety with tip burn tolerance. It has a compact plant with gray-green head color. Stonehead is an AAS Award Winner noted for its wide adaptability and excellent flavor and texture.



CHARMANT
Cabbage



BLUE VANTAGE
Cabbage



RED JEWEL
Cabbage



XTREME VANTAGE
Cabbage

Variety	Relative Maturity / Days to Maturity from Transplant	Head Color	Head Size	Disease Resistance/ Tolerance	Uses & Remarks
Blue Vantage F1	Mid / 80	Blue-green	Medium-large	HR: Foc: 1 T: TpB	Wide adaptability, good for direct sowing.
Charmant F1	Early / 65	Green	Medium	HR: Foc: 1 T: TpB	Wide adaptability, excellent holding ability. Small-core heads do not point in cooler conditions.
Emblem F1	Mid-late / 85	Gray-green	Medium-large	HR: Foc: 1	A fresh market variety with good internal quality; prefers warm weather.
Fast Vantage F1	Very early / 50	Green	Medium	-	Extra-early maturity; good heat tolerance; sweet taste.
Grand Vantage F1	Mid-late / 85	Green	Medium-large	HR: Foc: 1	Solid, dense head, tight wrapper and good holding ability. Wide adaptability.
Greenboy F1	Mid-late / 80-85	Green	Medium	HR: Foc: 1	Wide adaptability. Heat and rain tolerant.
Headstart F1	Early / 65-70	Bright green	Medium-small	-	A home gardener favorite Copenhagen-Market type. Dense, heavy heads are slightly flattened and multi-use.
Red Jewel F1	Mid / 80	Garnet red	Medium-large	-	High yielding with early maturity. Heads have deep red color and short core.
Royal Vantage F1	Mid-late / 90	Blue-green	Medium-large	HR: Foc: 1	Grows well in cool weather or poor soil conditions.
Savoy King F1	Mid / 80	Green	Medium-large	-	A semi-flat head with attractive savoy leaves. A widely adaptable variety for fresh market. AAS Winner.
Stonehead F1	Early / 60	Gray-green	Medium	T: TpB	Early and widely adapted; stores well. Compact plant. Flavor and texture are excellent. AAS Winner.
Storage #4 F1	Late / 110-120	Dark green	Medium-large	HR: Foc: 1	Wide adaptability, Excellent holding ability. Works well in rainy and muddy areas.
SuperStar F1	Mid / 80	Green	Medium-large	HR: Foc:1 T: Xcc	An all-around winner in flavor, texture, and multi-use adaptability. Good wrapper leaves; holds well.
Supreme Vantage F1	Mid-early / 67	Green	Medium-large	HR: Foc: 1	Good holding ability.
Xtreme Vantage F1	Mid / 75	Green	Medium	HR: Foc: 1 T: Xcc	Very good uniformity in the field, good disease package showing strong resistance against Black rot and a strong tolerance to Tip burn.

Disease terminology: HR = High Resistance, T = Tolerance. Disease code: Foc - Fusarium yellows, TpB - Tipburn.

Did you know?

Summer/Round types are thicker and harder; best used for coleslaw, salads, and cooking (like Primo Vantage & Stonehead).

Summer/Savoy are crinkled and light; best used for stir-fries, steamed or in soups (like Savoy King).

Winter/Storage types are thicker and firmer; best used for coleslaw, soups and stews. Storage types can be kept in the refrigerator or root cellar for long periods of time and eaten during the winter months (like Storage #4).



DUQUESA Carrot

Duquesa (Spanish for duchess), is true royalty among carrots. The crisp, blunt-tipped roots are full of flavor and can be used fresh, pickled or juiced. Duquesa, a Nantes type, has bright orange, cylindrical roots that measure 6"-7" long by approximately 1.5" wide at the crown. The high quality root interior stays firm without woodiness and upright tops are bright green and well attached, making harvest a breeze.



INGOT Carrot

Ingot is a long Nantes hybrid with both high color and flavor. It has received highest marks for its "sweet flavor and texture" in trial taste tests. Ingot is an ideal choice for home garden and specialty markets. Its high carotene levels of 120-170 ppm are evident in the deep exterior/interior color.



OLYMPUS Carrot

Olympus is a cello-type that is outstanding for bunching. It has great color combined with a smooth finish. The taste is outstanding with a very crisp texture. Olympus is very uniform. Yield potential is high with this classy carrot.



TRITON Carrot

Triton is known for its superb taste and texture. Strongly attached, erect tops enable easier harvest of the extra-long roots (9-10 inches long and .5-1 inch in diameter.) Roots are medium-orange and cylindrical in shape with a semi-blunt tip.



FUERTE Carrot

This carrot is known for its nice uniform shape with strong tops. Fuerte offers high yields as well as blunt tip with some shoulder. The tops are tall and medium green in color. Roots are cylindrical in shape and medium orange in color. Fuerte is an excellent Nantes variety that compares favorably to other Nantes types.



NEPTUNE Carrot

Neptune Emperor carrot is a snap to grow and a treat to eat. The heavy roots average from 8-10 inches in length with a 1.6 inch shoulder and tapered shape, have bright orange color, and sweet flavor. Neptune matures early to mid-season but holds well until you harvest. Neptune works well in a variety of growing conditions.



NANTES CORELESS
Carrot



**CHANTENAY
RED CORED**
Carrot



SAMANTHA
Carrot



**ROYAL
CHANTENAY**
Carrot

Variety	Type	Days to Maturity from Direct Seed	Length / Diameter	Shape	Uses & Remarks
HYBRIDS:					
Duquesa F1	Nantes	90-100	6-8" / 1-1.5"	Cylindrical, blunt tip	Excellent sweet flavor and texture.
Fuerte F1	Nantes	90-100	6-9" / 1.5-2.5"	Cylindrical, blunt tip	High yields of high quality roots with strong tops; good flavor.
Ingot F1	Nantes (long)	90-100	8-9" / 1"	Cylindrical, blunt tip	Outstanding sweet flavor, crisp texture and deep color. Ideal for specialty and fresh markets.
Neptune F1	Imperator	120	8-10" / 1.5"	Tapered	Extended field holding ability. Very adaptable.
Olympus F1	Imperator	120	7-9" / 1-1.5"	Tapered	Outstanding taste—High yield potential.
Samantha F1	Berlicum	90-100	7-9" / 1"	Cylindrical, tapered, blunt tip	High yields with good field-holding ability.
Triton F1	Imperator	110-120	9-10" / 0.5-1"	Cylindrical, semi-blunt tip	Superb taste and texture. Long and cylindrical, medium-orange roots with strong tops.
OPEN POLLINATED:					
Chantenay Red Cored	Chantenay	90	6-7" / 1.25"	Slight taper, blunt tip	Good flavor, dices well.
Nantes Coreless	Nantes	80-90	6-7" / 1-1.5"	Cylindrical, blunt tip	Widely adapted, durable and drought tolerant. Resists breakage.
Royal Chantenay	Chantenay	100	7-9" / 2.5-3"	Slight taper, blunt tip	Selected for heavy yields and lack of green shoulders.



TWISTER Cauliflower

Twister stands out with quality and beauty! Heads are tight, heavy, and bright white with a fabulous spiraling internal wrap. Twister is mid-maturing with very uniform harvests and flaunts near perfect appearance when grown in slot (spring or fall in most regions). Twister is well adapted to most areas and prefers heavy soil. Matures 75-80 days from transplant.



WHITE CORONA Cauliflower

Add cauliflower to your patio or balcony garden with container friendly White Corona! Ivory, 5" heads form on 12-14" plants. Plant 2-3 plants in a large container for best results. The plants mature very quickly- just 33-38 days from transplant. White Corona was bred for tropical climates and prefers the warmer spring to summer (in North America) growing period.



CANDID CHARM Cauliflower

Candid Charm is a popular hybrid with a large jacket and good inner wrap. It is considerably earlier and more uniform than other commonly used varieties. Candid Charm yields a dense, dome-shaped head, and has proven to be a consistent performer for home gardeners and professional growers.

Variety	Days to Maturity from Transplant*	Plant Type	Head Type/Size	Uses & Remarks
Candid Charm F1	65	Large, semi-upright	Domed, high / Medium-large	Widely adapted, easy to grow. Concentrated maturity; heavy attractive heads. Warm to cool climates.
Twister F1	75-80	Medium / upright	Tight, heavy / Medium large	Spiraling wrapper leaves for extra protection and extra-white heads. Likes heavy soils.
White Corona F1	33-38	Compact	Domed, tight / Medium-small	Container friendly; prefers the warmer spring to summer growing period.

* Days to maturity calculated from fall harvest data (Post transplant).



CHINA COAST
Chinese Cabbage



CHINA EXPRESS
Chinese Cabbage



CHINA GOLD
Chinese Cabbage



CHINA KING
Chinese Cabbage



CHINA STAR
Chinese Cabbage



YUKI
Chinese Cabbage

Variety	Plant Type	Relative Maturity / Days to Maturity from Direct Seed	Exterior / Interior Head Color	Head Size	Bolt Resistance	Disease Resistance/ Tolerance	Uses & Remarks
China Coast F1	Baby Napa	Mid / 70	Dark green/ Yellow	Large	Susceptible	IR:Pb	Attractive, heavy heads; widely adapted.
China Express F1	Napa/ Heading	Early / 62	Green / Pale yellow	Medium	High	T: TpB	Broad, barrel-shaped heads are well wrapped and uniform. Widely adapted and early to mature.
China Gold F1	Napa/ Heading	Mid-early / 65	Green / Yellow	Medium	Very high	IR: Pb T: TpB	Displays excellent color. Plants are compact. Tolerant to tip burn and some club root races. Very slow bolting.
China King F1	Baby Napa	Very early / 55	Dark green / Yellow	Small	High	T: TbP	A miniature type, these compact plants are suitable for close spacing, are bolt tolerant, and resistant to tipburn.
China Star F1	Napa/ Heading	Mid / 70	Dark green / Yellow	Large	Moderate	T: BLS / TpB	Widely adapted. Good disease resistance.
Yuki F1	Napa/ Heading	Mid / 67	Green / Yellow	Large	Moderate	IR: Pb T: BLS / TpB	China Express type. Good uniformity and size. Excellent disease resistance.

Disease terminology: IR = Intermediate Resistance, T = Tolerance. Disease code: BLS - Black leaf speck, Pb-clubroot, TpB - Tipburn.



NEW
VARIETY

TOP CHOP Collard

Bolt resistance and high yields make Top Chop a top choice for fresh market or processing. Top Chop is our slowest bolting hybrid variety, displaying great uniformity, upright habit, and large, wide leaves with a narrow rib for bountiful harvest. Top Chop regrows quickly after cutting increasing yield over time. Works well in the overwinter slot or for spring plantings.



FLASH
Collard



TOP BUNCH 2.0
Collard



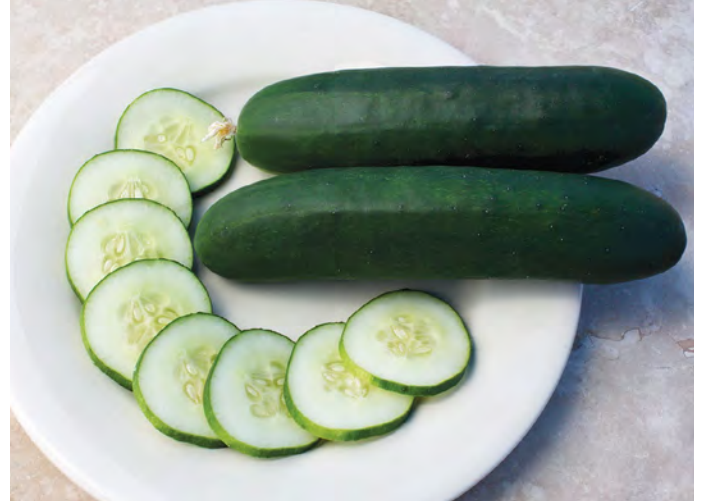
VATES
Collard

Variety	Category	Days to Maturity from Direct Seed	Plant Type	Leaf Color / Type	Bolt Resistance	Uses & Remarks
Flash	Hybrid	75	Upright, open	Dark green / Smooth	Very high	Vates type. Fast regrowth; good uniformity and multi-cut. Best for early spring.
Top Bunch 2.0	Hybrid	71	Tall, semi-erect	Blue-green / Slightly wavy, broad	Very high	Georgia type. Vigorous, rapid regrowth.
Top Chop	Hybrid	74	Large, upright	Dark green	Very high	Very high bolt tolerance and extremely large leaves.
Vates	OP	75-80	Semi-upright	Medium green / Smooth to slightly savoyed	Moderate	Widely adapted; durable; high yield potential.



TASTY GREEN Cucumber

A highly popular Japanese slicing-type cucumber and a home garden industry standard. Exterior is dark green with shallow ridges and small white spines, while interior is crisp and white. Fruit grows to about 9 inches long and 1.5 inches in diameter, and has tender skin and a nice mild flavor. Matures early in about 60 days from seeding. Resistant to powdery mildew and intermediately resistant to downy mildew. *Organic and non-organic seeds available.*



SLICE MORE Cucumber

Slice More is a high quality slicing cucumber, with uniform, 8.5 inch fruits. Dark green, smooth skin protects a crisp flesh with a very small seed cavity. Plants are easy to grow and withstand varied conditions. The heavy yielding vines produce early (about 63 days from seeding) and continue well into the season. Shows high resistance to scab and intermediate resistance to cucumber mosaic virus, anthracnose races 1 & 3, downy mildew and powdery mildew.



SHIKOU Eggplant

Shikou is a hybrid Asian-type eggplant. The dark purple, glossy, elongated fruit measure 6-8 inches long by 1-1.5 inches wide, with a purple calyx (or stem), and tender, thin skin. Medium-sized plants are very attractive and productive, producing loads of lavender blooms followed by semi-spineless fruits that mature about 70-80 days from transplant. Shikou is a Japanese word meaning "Supreme." Fruits boast a bright white interior with few seeds and are easy to prepare - just slice and sauté or stir-fry. No peeling or salting required. Produces continuously all summer long, often until first frost.

Did you know?

A 1993 study published in the New England Journal of Medicine revealed that eggplant contains higher levels of nicotine than any other vegetable. Don't worry, you would have to sit down and eat between 20-40 pounds of it to consume the amount of nicotine in one cigarette.

Instead, enjoy a typical serving and benefit from the fact that Japanese eggplants also contain the healthy compounds nasunin, anthocyanin and chlorogenic acid, which function as antioxidants and anti-inflammatory agents.



SANTO Cilantro (Coriander)

A fast-growing, yet slow-bolting strain of this highly popular herb. A uniform selection with broad, highly-aromatic leaves that are sturdier than other strains. Multiple cuts can be made under long days. Use the leaves as the herb cilantro and harvest the seeds for the spice coriander. An industry standard variety. Monogerm seed available. *Organic and non-organic seeds available.*



DUKAT Dill

Dukat produces much higher yields of foliage than other dill varieties. The dark green, ferny leaves also have a distinct, strong aroma that adds depth to any fish, vegetable or pasta dish. Vigorous plants eventually reach 30 to 40 inches tall and are topped with very large umbels. Suitable for summer culture as well as the typical spring and fall.



DARK GREEN ITALIAN Parsley

Our selection of this heirloom, flat-leaf parsley offers a broader leaf with more flavor than other varieties. The glossy, dark green, moderately cut leaves mature in 65-70 days and are well suited for both home garden and fresh market use. Parsley seed may develop an oily residue when stored over long periods. *Order for your current season when possible.*



ITALIAN
LARGE LEAF
Basil



BOUQUET
Dill



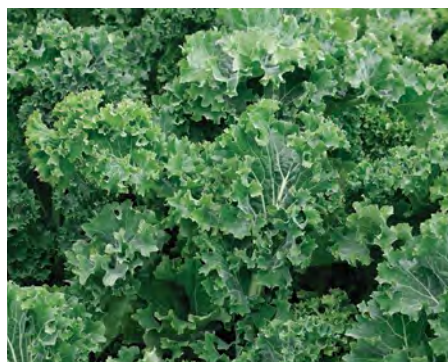
FOREST
GREEN
Parsley

Variety	Days to Maturity from Direct Seed	Leaf Characteristics	Growing Season	Uses & Remarks
Italian Large Leaf Basil	90	Medium large, broad, glossy dark green	Summer	Good fragrance. Moderately slow to bolt. Uniform, broad leaves.
Santo Cilantro (Coriander)	50-60	Broad, celery-like, dark green	Spring & Fall	Fast-growing, slow-bolting strain, suitable for multiple harvests. Use leaves as Cilantro and seeds as Coriander. <i>Monogerm seed available. Organic and non-organic seed available.</i>
Bouquet Dill	50-60	Fine, medium green	Spring & Fall	An early maturing, strong plant with high aroma. Popular home garden and fresh market variety. Improvement of Mammoth strain.
Dukat Dill	60-70	Fine, dark green	Spring, Summer & Fall	More harvestable foliage. Suitable for summer culture. More compact, branching plant.
Dark Green Italian Parsley	65-70	Flat, moderately cut, glossy dark green	Spring, Summer & Fall	High flavor. Broad, dark green leaves on erect plants.
Forest Green Parsley	70-75	Double-curved, finely cut dark green	Spring, Summer & Fall	Plants are erect and vigorous. Holds well in hot weather.



BLUE RIDGE Kale

Blue Ridge features dark, blue-green foliage with an attractive, full curl on all leaves. It offers a semi-tall plant type, mid-season maturity and an extended harvest of heavy yields. It is also slow to bolt or stretch and is widely adapted to all growing areas where cool season crops are planted. A nice addition to mixed containers of salad greens or as an ornamental edible.



IMPROVED DWARF SIBERIAN Kale

Improved Dwarf Siberian is a multipurpose variety that can be harvested for baby or mature leaves. At full size, it has a deep green, rippled leaf with an upright plant habit. Thick petioles allow for easy bunching with less plant damage. Baby leaves will stand upright and be thick, medium green, and smoother with a rounded oval shape. Vigorous plants are winter hardy and yield high at either stage.



VATES BLUE CURLED SCOTCH Kale

Vates Blue Curled Scotch is a finely curled blue-green kale that can be used for baby leaf or mature leaf markets. It has a tall upright plant habit with sturdy stems that result in easy bunching or baby leaf harvesting. Our highly uniform selection is suitable for ornamental use as well.

Variety	Category	Days to Maturity from Direct Seed	Leaf Characteristics	Uses & Remarks
Blue Ridge F1	Hybrid	60 days	Blue-green leaves with full curl	Widely adapted and slow bolting. Offers extended harvests.
Improved Dwarf Siberian	OP	35-40 baby leaf, 50-60 mature	Deep green with coarsely curled and rippled irregular edges	Vigorous and winter hardy. Produces heavy yields.
Vates Blue Curled Scotch	OP	25-30 baby leaf, 50-60 mature	Blue-green and finely curled. Narrow leaflets with central stalk	Highly uniform selection. Ornamental edible; garnish type.



QUICKSTAR Kohlrabi

Quickstar hybrid is an exceptionally early, slow-bolting kohlrabi with dark green, slightly broad leaves. Bulbs are flat-round and very smooth, with a beautiful pale green color. Plants are extremely uniform in size and maturity. Crisp texture and mild taste of the bulbs resembles water chestnuts. Tasty raw or cooked. Matures in about 35-40 days.



SAVANNA Komatsuna

Savanna is a cross between early heat-tolerant tendergreen and cold tolerant, dark green leafed tendergreen. This hybrid has better uniformity, faster growth and recovery than O.P. varieties for multiple cuts. Savanna is also slow to bolt.

VARIETIES SUITABLE FOR BABY LEAF



ASTRO Arugula



BULL'S BLOOD Beet



EARLY WONDER TALL TOP Beet



FRESH PAK Beet



FRESH START Beet



KESTREL Beet



MERLIN Beet



RED ACE Beet



TOUCHSTONE GOLD Beet



VULTURE Beet



RED JEWEL Cabbage



FLASH Collard



TOP BUNCH 2.0 Collard



SHUNKYO SEMI-LONG Daikon Radish



BLUE RIDGE Kale



IMPROVED DWARF SIBERIAN Kale



VATES BLUE CURLED SCOTCH Kale

Leafy Greens for Controlled Environment Agriculture

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SAVANNA
Komatsuna



MIZ AMERICA
Mustard



FENG QING CHOI
Pak Choi



JOI CHOI Pak Choi



LI REN CHOI Pak Choi



MEI QING CHOI
Pak Choi



C2-606 Spinach



COUNTRYSIDE
Spinach



LAKE SIDE Spinach



OCEAN SIDE Spinach



RIVER SIDE Spinach



SEA SIDE Spinach



ELDORADO
Swiss Chard



FIRE FRESH
Swiss Chard



PEPPERMINT
Swiss Chard



RHUBARB Swiss Chard



RUBY FRESH
Swiss Chard



SILVERADO
Swiss Chard



ALAMO Turnip



WHITE LADY Turnip

Leafy Greens for Controlled Environment Agriculture

Variety	Crop	Indoor Baby Leaf DTM	Microgreen DTM	Leaf / Stem color	Leaf Characteristics	Key Retail Attributes	Key Grower Attributes / Disease Resistance
Astro	Arugula	25-28	12-15	Medium green / pale greenish-white	Strap shape; slightly lobed & cut	Nutty, mild peppery flavor	Early and heat tolerant
Bull's Blood	Beet	28-32	16-19	Both dark purple-red	Elongated oval; ruffled edges	Adds color; mild earthy flavor	Upright habit and slow to bolt
Detroit Supreme	Beet	-	13-16	Medium green / deep burgundy	Upright and sturdy	Robust flavor	Strong, thick stems
Early Wonder Tall Top	Beet	25-28	16-19	Bright green / rosy red	Elongated oval; red veins	Milder flavor, holds well	Upright habit; early / mid maturity
Fresh Pak	Beet	23-26	-	Dark green / very dark red	Oval; defined red veins	Bold stem/vein color	HR: Pfb // IR: Cb
Fresh Start	Beet	23-26	-	Dark green / medium dark red	Oval; defined red veins	Bold stem / vein color	HR: Pfb, early
Kestrel	Beet	23-26	-	Deep green / very dark red	Rounded wedge; red veins	Bold stem / vein color	Early and uniform
Merlin	Beet	23-26	-	Dark green / deep burgundy	Oval; slightly ruffled; red veins	Sweet flavor, refined look	Sturdy stems, upright habit
Red Ace	Beet	20-23	13-16	Bright green / rosy red	Oval	Good color, holds well	Sturdy stems, very uniform
Touchstone Gold	Beet	27-30	19-23	Bright green / green to pale yellow	Elongated oval; flat, smooth	Adds golden yellow color to mixes	IR: Cb, easy to grow
Vulture	Beet	23-26	-	Dark green / very deep burgundy	Elongated oval; burgundy veins	Very deep stem / vein color	IR: Cb, uniform and dependable
Red Jewel	Cabbage	-	14-17	Dusty blue-green / deep purple	Elongated oval; flat	Adds bright color, loft	Thick leaf; sturdy stems
Yuki	Cabbage	-	14-17	Medium green / white	Spear shape, cut edges	Mild flavor, crunchy	IR: Pb // T:BLS / TpB, quick, uniform emergence
Flash	Collard	28-31	-	Blue-green / pale greenish-white	Rounded oval; slightly wavy; waxy	Adds weight and mild kale flavor	Withstands wilting
Top Bunch 2.0	Collard	28-31	-	Medium gray-green / greenish-white	Rounded to oval; wavy edges	Adds weight and mild kale flavor	Early with fast regrowth
Shunkyo Semi-Long	Daikon Radish	28-31	13-16	Medium matte green / rose tinged	Baby leaf: spatula; Microgreen: spear	Unique stem color, tangy flavor	Easy to grow

Leafy Greens for Controlled Environment Agriculture

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Variety	Crop	Indoor Baby Leaf DTM	Microgreen DTM	Leaf / Stem color	Leaf Characteristics	Key Retail Attributes	Key Grower Attributes / Disease Resistance
Basil Italian Large Leaf	Herb	-	16-19	Both bright deep green	Shiny; cupped	Avoids bruising from chopping	Strong stems
Cilantro (Coriander) Santo	Herb	-	18-22	Both bright char- treuse green	Intricately cut	Brighter, milder cilantro flavor	Slower to stretch
Dill Dukat	Herb	-	18-22	Both apple green	Delicate; feathery	Delicate, mild dill flavor	Withstands warmer temperatures
Parsley Dark Green Italian	Herb	-	26-29	Both medium dark green	Intricately lobed	High oil concen- tration	Larger leaf surface
Blue Ridge	Kale	25-28	-	Dusty blue-green / bright green	Deeply lobed; folds at stem base	Unique color, adds loft	Slow to stretch, strong regrowth
Improved Dwarf Siberian	Kale	25-28	14-17	Medium green / light green	Round; rippled edges; thick	Unique texture, adds loft	Upright habit, thick leaf
Vates Blue Curled Scotch	Kale	25-28	12-15	Deep bluish-green / pale green- ish-white	Deeply cut; folds at stem base	Unique texture, adds loft	Uniform selection, sturdy stems
Savanna	Komatsuna	29-32	14-17	Bright green / light green	Rounded oval	High loft and bright color	Heat and cold tolerant, fast
Miz America	Mustard	25-28	14-17	Both deep reddish-purple	Intricately lobed; thick	Bold color, milder flavor	Very uniform, thick leaf
Feng Qing Choi	Pak Choi	21-24	-	Medium green / pale green	Rounded oval	Adds loft and weight, holds well	Very uniform, thick leaf
Joi Choi	Pak Choi	25-28	13-16	Dark green / white	Rounded oval; thick	Bright leaf & stem color	Superior uniformity, fast grower
Li Ren Choi	Pak Choi	21-24	-	Matte green / pale greenish-white	Oval with slightly imbedded stem	High flavor, smaller leaves	Stays small, upright habit
Mei Qing Choi	Pak Choi	21-24	-	Medium dark green / greenish-white	Smooth; spoon- shaped	High flavor, tender	Heat and cold tolerant
Little Snap Pea Crunch	Pea	-	11-14	Medium bright green	Rounded whorl	Adds unique visual interest	Very fast grower
Little Snap Pea Petite	Pea	-	10	Dark green	Small, rounded, long internodes	Crisp texture and bright fresh flavor	Very fast grower
Little Snow Pea Purple	Pea	-	10	Medium green	Medium size, rounded, short internodes	Pleasant texture and mild flavor	Upright habit, easy to harvest and stack

Leafy Greens for Controlled Environment Agriculture

Variety	Crop	Indoor Baby Leaf DTM	Micro-green DTM	Leaf / Stem color	Leaf Characteristics	Key Retail Attributes	Key Grower Attributes / Disease Resistance
Little Snow Pea White	Pea	-	10	Medium green	Medium internodes, long tendrils, heart-shaped	Pleasant texture and mild flavor	Attractive with sturdy stems
C2-606	Spinach	20-23	12-13	Dark green / bright green	Spade-shaped; veined	Holds well	HR: Pfs: 1-9, 11-16
Countryside	Spinach	20-25	-	Very dark green / bright green	Round-oval; veined; thick	Smooth, very dark leaf	HR: Pfs: 1-12, 14-16
Lakeside	Spinach	21-26	12-13	Dark green / bright green	Ovate; veined	Good leaf texture	HR: Pfs: 1-11, 15-16 // IR: Pfs: 12, 14
Oceanside	Spinach	21-26	-	Dark green / bright green	Round-oval; veined; thick	Holds well	HR: Pfs: 1-9, 11, 13, 15-16 // IR: Pfs: 12, 14
Riverside	Spinach	21-26	-	Very dark green / bright green	Spade-shaped; veined; thick	Smooth, very dark leaf	HR: Pfs: 1-11, 15-16 // IR: Pfs: 12, 14
Seaside	Spinach	21-26	12-13	Very dark green / rich bright green	Spade-shaped; veined; thick	Smooth, very dark leaf	HR: Pfs: 1-11, 15-16 // IR: Pfs: 12, 14
Celebration	Swiss Chard	-	16-19	Green / white, red, yellow, pink, peach	Highly uniform	Multicolored stems, crunchy, mild	Uniform size & growth rate
Eldorado	Swiss Chard	25-28	16-19	Dark green / bright yellow	Spatula shape; slightly wavy	Glossy, adds yellow color	Uniform, slow to bolt
Fire Fresh	Swiss Chard	23-26	-	Medium dark green / bold red	Ovate; defined red veins	Adds texture and color	HR: Cb // IR: Pfb
Peppermint	Swiss Chard	-	14-17	Bright glossy green / pink & white	Ovate; slightly savoy, glossy	Glossy, adds bright, unique color	Strong upright habit
Rhubarb	Swiss Chard	25-28	16-19	Bright green / candy apple red	Ovate; slightly savoy, red veins	Rich color, mild flavor, adds loft	Strong upright habit
Ruby Fresh	Swiss Chard	21-24	-	Medium dark green / scarlet red	Ovate; red veins	Bold stem/vein color	Moderate growth rate
Silverado	Swiss Chard	25-28	16-19	Matte dark green / creamy white	Ovate; slightly savoy	Glossy, adds weight	Stays small, upright habit
Alamo	Turnip	27-30	-	Medium green / white	Rounded oval; slight serration; veined	Adds loft and crunch	High yielder, strong regrowth
White Lady	Turnip	25-28	15-18	Medium green / greenish-white	Oval; slightly wavy; smooth	Milder flavor, holds well	Uniform size & growth rate

VARIETIES SUITABLE FOR MICROGREENS



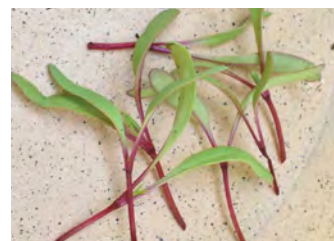
ASTRO Arugula



BULL'S BLOOD Beet



DETROIT SUPREME Beet



EARLY WONDER TALL TOP Beet



RED ACE Beet



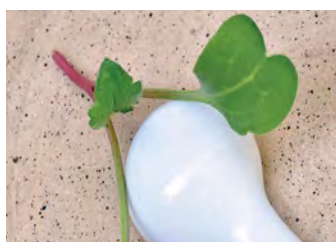
TOUCHSTONE GOLD Beet



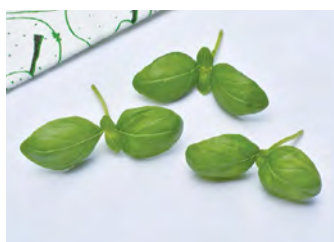
RED JEWEL Cabbage



YUKI Chinese Cabbage



SHUNKYO SEMI-LONG Daikon Radish



BASIL ITALIAN LARGE LEAF Herb



CILANTRO (CORIANDER) SANTO Herb



DILL DUKAT Herb



PARSLEY DARK GREEN ITALIAN Herb



IMPROVED DWARF SIBERIAN Kale



VATES BLUE CURLED SCOTCH Kale



SAVANNA Komatsuna

Leafy Greens for Controlled Environment Agriculture



MIZ AMERICA
Mustard



JOI CHOI Pak Choi



LITTLE SNAPPEA CRUNCH Pea



LITTLE SNAPPEA PETITE Pea



LITTLE SNOWPEA PURPLE Pea



LITTLE SNOWPEA WHITE Pea



C2-606 Spinach



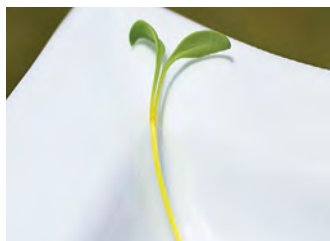
LAKESIDE Spinach



SEASIDE Spinach



CELEBRATION
Swiss Chard



ELDORADO
Swiss Chard



PEPPERMINT
Swiss Chard



RHUBARB Swiss Chard



SILVERADO
Swiss Chard



WHITE LADY Turnip

For more information, be sure to visit our website to download CEA-specific literature materials including our Indoor Baby Leaf Brochure, Indoor Microgreens Brochure, and comprehensive Indoor Greens Master Guide!





CERVIA Butter

Cervia glides into warm summer weather delivering tasty salad greens in about 55 days. The compact plants are soft green with tight, Bibb/Butterhead style heads. The leaves are sweet and mild with a touch of crunch. At the baby/teen stage leaves are very round, have a narrow rib, and smooth surface and edges with a weighty texture.



CIELO VERDE Green Leaf

Cielo Verde is the industry standard for green leaf whole head production! Heads are large, upright, vigorous, and thick textured with good, bright green color. Cielo Verde is widely adapted to many growing conditions. Baby leaves have a frilly edge and a curvy shape and thick texture giving them substantial weight and loft.



HITCHHIKER Green Leaf

Hitchhiker is well-adapted to many growing conditions and suitable for baby leaf or whole head production. Heads are light green and upright with good texture. Baby leaves are flat and rounded with slightly serrated edges. Plants are mid-maturing and show some level of downy mildew tolerance.



MONTERRA Green Leaf

Monterra, our most beautiful leaf lettuce, has a medium-large, dense head with deep green shiny leaves. Plants are upright, sturdy, very full and have a high leaf count. This variety has shown strong tolerance to bolting, as well as Corky Root and LNSV. Baby leaves are deep green, round, and slightly cupped with a frilly edge and attractive rib/leaf contrast. Monterra's slightly tangy flavor is complimented by a pleasant crunch.



ZORRO Green Leaf

Zorro is a beautiful green leaf variety with a unique, glossy sheen and full, frilly leaves. Plants are early maturing and have shown strong field tolerance to bolting. Zorro has shown strong field tolerance to LNSV, Corky Root and Tipburn. Well adapted to spring and fall planting. Baby stage leaves have a frilly edge and taper from a wide leaf to a narrow, flat ribbed base. Baby leaves are very smooth and bright glossy green.



CHAMISAL Iceberg

Chamisal is a grower favorite with excellent heading and uniform size and small core. Medium, bolt tolerant, heads display extremely smooth, flat ribs and boast tight wrapper leaves. Chamisal has shown strong field tolerance to downy mildew and is well suited to multiple growing locations. At baby stage leaves are oval with slightly serrated edges and a small, flat rib. Chamisal does not show any light dormancy.



HEATMASTER Iceberg

Heatmaster helps extend the lettuce season into late spring or fall with its, fast growing, heat and bolt tolerant growing habit. Light lime-green heads are medium to large and early maturing. Heatmaster prefers the warmer weather of spring or fall plantings. The plants are very uniform and show some resistance to Tip Burn.



LUNA Iceberg

Luna forms large heads on a compact, bolt tolerant plants, making the most of the growing space. Luna is well adapted to early spring and fall plantings when the weather is mild. The plants show good tip-burn tolerance and mature quickly, providing harvest before summer heat or winter cold kicks in. Heads are medium green, with very shiny leaves and a short core.



MERIDIAN Iceberg

Meridian is a pioneer! This variety is first to market to show strong field tolerance to Fusarium Race 1 in the iceberg category. Meridian is well-adapted to warmer weather and bolt tolerant. Plant in mid-spring or late summer for best results. Medium to large sized, green heads mature in about 69 days. Baby leaves are round with a slightly serrated edge and uniform bright green.



OMEGA 42 Iceberg

Omega 42 is an iceberg with large head size, dark green color, excellent texture, sweet flavor, and exceptional field holding ability. This variety offers unparalleled weight potential. Omega 42 is later maturing (3-5 days) and has shown good field tolerance to Big Vein. At baby leaf stage leaves are round with a serrated edge and have excellent color and texture.



PORTOLA (2743) Iceberg

Portola provides multi-use flexibility, working well for either baby leaf or full head growing. Baby leaves grow quickly and are deep green with a frilly edge. The baby size holds well, has a narrow rib and adds loft. Full sized heads are dark green, heavy, and hold well before and after harvest. Portola makes size, even in cooler conditions, has great wrapper leaves and a nice open plant habit.



RAIDER Iceberg

Raider is a grower favorite known for showing strong field tolerance to bolting and is well-suited for warm weather production. This beauty shows nice dark green, solid, round heads with smooth ribs and large core diameter. At baby stage, leaves are smooth and deep green with slightly serrated edge.



REGENCY 3.0 Iceberg

Regency 3.0 is the best of the Regency series! This exciting variety has shown the strongest field tolerance to DMR of the Regency series. Regency 3.0 has small to medium, tightly wrapped heads and compact plants. Dark green, smooth leaved heads have good cover & wrap. At baby stage, leaves have a narrow, pale green rib, smooth, slightly serrated leaves.



9017 Loose Leaf

Green tango type for whole head and baby leaf lettuce. The wide, frilly, cut-edge leaves are bright emerald green and grow on a very open plant. Harvest at baby stage or allow to mature to large, voluminous heads. Baby leaves add loft and interest to salad mixes.



9208 Loose Leaf

9208 is a full dark red lolla rosa type with downy mildew tolerance. The heads are full and frilly with deep red color throughout and a narrow base. Baby leaves are clear dark red from frilly edge to base, have a very small, pale rib and a curved shape that adds loft.



GREEN TIGER Loose Leaf

Glossy Green Tiger, an oak leaf type, is medium green and forms large, full, upright plants. Baby leaves are uniformly bright green on front and back, have a narrow stem and smooth undulating lobes with a wide, rounded top. Each leaf has a large surface area, adding weight and improving texture.



RED DRAGON Loose Leaf

Red Dragon oak leaf has burgundy red, deeply lobed leaves that are green at the base. Oak Leaf types are suitable for lettuce mixes or whole head growing. Plants are very upright in habit with a moderate level of downy mildew tolerance and mid-season maturity. Baby leaves are very shiny and have smooth edges.



SARATOGA Loose Leaf

Our most beautiful red lettuce, Saratoga's burgundy red, frilly leaves narrow to a light green base. Lolla Rossa type heads are very full with an upright plant habit and some downy mildew tolerance. At the baby stage, leaves are frilly, wide, and deep red at edge with a light green, elongated stem. Saratoga adds loft and shimmering color to salad mixes.



TABOO Loose Leaf

Eye-catching color and pleasing leaf shape make Taboo red romaine an outstanding option for spring mixes. Taboo has dark burgundy leaves with deep green ribs that are a smooth oval shape at the top coming to a slightly serrated point at the base. The plants and leaves are very uniform.



WIZARD Loose Leaf

Wizard delivers a magical combination of color and loft. The upright plants are bright emerald green, frilly, and have interesting, curved leaves. At the baby stage leaves are deeply cut and add loft and texture. Wizard is a tango type with a very open plant and some downy mildew tolerance.



KREMLIN Red Leaf

Kremlin red leaf is bold with deep green heads edged in bronze frills. Heads are full and upright and heavy for their size, bolt tolerant, and matched in maturity to many green leaf types. Baby leaves are frilly and round, deep green with bronze 'freckles' and edges, adding loft and crunch to salad mixes. The center rib is narrow and flat.



RED TIDE Red Leaf

Red Tide is the industry standard for red leaf whole head production! This distinct variety displays deep bronze leaf margins with green midribs and base. It has a soft, butter texture and good pliability for an elevated eating experience. Red Tide has big open heads that have shown strong field tolerance to Tipburn and are adapted to most seasons with moderate bolt tolerance and quick maturity. Baby leaves are green with bronze edges, round, slightly cupped, and tapered with smooth edges. Eats well!



RL 2211 Red Leaf

Red leaf type RL2211 is vigorous and thick textured with green centers and bronze leaf edges. RL 2211 has shown strong field tolerance to LNSV, Corky Root and Tipburn. Baby leaves are a reddish-bronze color, with green midrib and base, round with serrated edge and narrow rib. Pairs nicely with Monterra or Cielo Verde for salad mixes.



9409 Romaine

9409's very unique 'rose madder' color is soft and bold at the same time. Baby leaves are slightly ruffled with a serrated edge and fade to a pale green base. 9409 holds color from base to tip at whole head stage supplying the maximum amount of beautiful color to salads. The upright plants grow quickly.



9424 Romaine

9424, a bright apple green romaine is a good choice for salad mixes. The baby leaves are bright green with a light green rib. The quick maturing leaves are slightly cupped, and have mostly serrated edges, adding loft to salad mixes.



FRESH/HEART Romaine

If you love Caesar salad you will fall for Fresh/Heart! Fresh/Heart stands out in trials for it's large, crispy, solid hearts. This romaine is large-sized, highly uniform, and bolt tolerant. Heads are medium dark green, upright, and have shown strong performance against corky root. Baby leaves are uniform bright green, oval and flat with a smooth edge.



KINGPIN Romaine

Kingpin is popular for romaine hearts and is best adapted to cool season growing.



VANGAURD PIC Romaine

Vanguard (P.I.C.) Parris Island Cos is an improved strain of a favorite classic. Plants are large, fairly bolt tolerant, upright and adapted to most growing conditions. Vanguard PIC has improved uniformity. The leaves are crisp, bright green with a very white rib, and have good flavor.



BIT O' GOLD Melon

Bit O' Gold has it all: flavor, texture, aroma and sweetness; plus, it holds well after harvest, giving you time to enjoy the bounty. This petite wonder, a mini Harper type, is the perfect size for sharing with a friend—or not! The full-sized vines set many small fruits that are ready for harvest when the netting from the melon climbs to the stem. Fruits mature in about 80 days.



ATLANTIS Melon

Atlantis is a 4-5 pound Eastern muskmelon-type with a very sweet flavor and good texture. The exteriors of the round-oval shaped melons have a full, fine net with light sutures. It has excellent interior qualities including firmness and consistently high sugar content for high consumer appeal. Great in the home garden or as a farm market variety.



AVATAR Melon

This Eastern shipper type boasts a firm, flavorful orange flesh with a small seed cavity. Produces early, heavy yields of extra-large oval fruits with a fine net. Turns from light green to yellow-tan when fully ripe. A popular farm market variety due to its high sugars and good eating quality.



INFINITE GOLD Melon

Infinite Gold has magnificent flavor and fruit quality and is a favorite in our trials for taste, texture and holding ability. Feel free to go on vacation—Infinite Gold will welcome you when you return with abundant fruit still fresh in the garden or from the fridge. Infinite Gold has strong, disease-resistant vines that produce uniform round-oval fruits in about 80 days from direct sowing.



ALANIZ GOLD
Melon



MEGABREW
Melon



CITRINO
Melon



DULCE NECTAR
Melon

Variety	Category	Relative Maturity	Fruit Shape / Size	Rind Characteristics	Interior Characteristics	Disease Resistance	Uses & Remarks
CANTALOUPE:							
Alaniz Gold F1	Western Shipper	Main season	Round oval/4-5 lbs	Full net	Orange, firm, medium-closed cavity	HR: Fom:0-2/Sf:1 \ IR: Sf: 2	Excellent Brix, high yields, strong vine, uniform fruit size.
Atlantis F1	Eastern	Early	Round-oval / 4-5 lb	Full fine net, shallow sutures	Dark orange flesh	HR: Fom: 0-2 / Sf: 1 \ IR: Sf: 2	Excellent field performance; strong, vigorous vines. Consistently high sugars.
Avatar F1	Eastern	Early	Oval / 6-9 lb	Shallow, full net	Orange flesh, medium-open cavity	HR: Fom: 0-2 / Sf: 1 IR: Sf: 2	High sugars and great yields. Extra-large fruits. Farm market type.
Bit O' Gold F1	Long Shelf Life Mini	Early-mid	Round/1-2 pounds	Open net	Dark orange, firm, tight cavity	HR: Fom:0,2 / Px:1,2	Mini Harper type canteloupe with high flavor, aroma, and texture.
Infinite Gold F1	Long Shelf Life	Mid	Round-oval / 3-4 lb	Full net	Orange flesh	HR: Fom: 0-2 / Sf: 1, 2	Infinite Gold beats the competition in flavor and quality according to a recent sensory analysis study.
HONEYDEW:							
Citrino F1	Honeydew	Mid	Round / 4-5 lb	Smooth, creamy white	Orange flesh	HR: PRSV-W IR: Sf: 1, 2	A rich orange-fleshed honeydew with superb, very sweet flavor. High-value choice for farm stands.
Dulce Nectar F1	Honeydew	Mid	Round-oval / 5-6 lb	Smooth, creamy white	Light green flesh, closed cavity	HR: Fom: 2 IR: Sf: 1, 2	Adaptable; grows well in cool conditions transitioning into warmer weather. High yielding.
Megabrew F1	Honeydew	Mid	Round / 5-7 lb	Smooth, creamy white	Nice, even green flesh	HR: Fom: 0, 2 IR: Sf: 1, 2	Good yields of large fruit, very uniform.
Super Nectar F1	Honeydew	Late	Round-oval / 4-6 lb	Smooth, creamy white	Medium semi-closed cavity	HR: Fom: 2 IR: Sf: 1	Excellent shape and size uniformity. Good sugar content and firmness.

Disease terminology: HR = High Resistance, IR = Intermediate resistance. Disease code: Fom - Fusarium wilt, PRSV - Papaya ring spot, Sf - Powdery mildew.

INFINITE GOLD IDEAL



HARVEST STAGES LSL



FRUIT Qualities:

- Fruit are ready for harvest for market
- Marketable brix and high firmness

RIPENESS Indicators:

- Net beginning to climb at the base of the stem
- Majority of stem is still visible

FRUIT Qualities:

- Very good stage for harvest for market and home gardens
- Good flavor, brix and firmness

RIPENESS Indicators:

- Net has climbed up the stem
- Light cracking around the base of the stem

FRUIT Qualities:

- Fruit can still be harvested, particularly in home gardens
- Good flavor and high brix, average firmness

RIPENESS Indicators:

- Obvious cracking around the stem
- Net has climbed and covers most of stem



MIZ AMERICA Mustard

Miz America is a beautiful red mizuna with exceptionally uniform leaf color, shape and size. It was bred to produce high quality baby greens and still maintain its deep, dark red color on both sides of the leaf, even at a mature stage. An upright plant habit and thick leaf decreases damage from inclement weather and makes for easy harvesting. Miz America has a pleasant, mild taste compared to typical mustards – not bitter or spicy. It is a favorite for multiple markets – indoor and outdoor baby leaf growers, farm market growers and home gardeners (where its harvested young or let to grow full-size). Miz America is also loved by ornamental growers, who mix it with flowering plants in both containers and landscapes.



FLORIDA BROADLEAF Mustard



SOUTHERN GIANT CURLED LONG STANDING Mustard

Variety	Type	Relative Maturity / Days to Maturity from Direct Seed	Leaf Characteristics	Uses & Remarks
Florida Broadleaf	India Mustard	40–48 mature	Medium green, serrated, round	Widely adapted, reliable production. Large, erect plants have vigorous growth habit.
Miz America F1	Mizuna Mustard	20–25 baby leaf	Dark purplish-red serrated spearhead	This variety could be used for both baby leaf and bunching.
Southern Giant Curled Long Standing	India Mustard	45–50 mature	Dark green, heavily curled	Home garden, fresh market type. Upright plants are fast growing with high bolting tolerance.



JAMBALAYA Okra

Jambalaya okra is an extra-early maturing variety that boasts a very compact plant with small leaves. It offers high yields of very uniform, shiny, dark green pods. An ideal choice for smaller home gardens and the bedding plant trade. Matures in about 50 days from transplant.

Did you know?

Okra, one of the most heat and drought tolerant vegetables in the world, is most closely related to cocoa, cotton and hibiscus. The immature pods are most commonly consumed, but the leaves are also edible. During a civil war-era coffee shortage in colonial America, okra seeds were roasted and ground to be used as a substitute.



MT. WHITNEY
Onion



OVATION
Onion



SPANISH MEDALLION
Onion



WHITE GEM
Bunching Onion

Variety	Type	Relative Maturity / Days to Maturity from Direct Seed	Bulb Shape	Bulb Size	Skin Color	Disease Resistance	Uses & Remarks
Mt. Whitney F₁	Intermediate	Mid / 105-110	Globe	Large to jumbo	White	IR: Pt	High yielder with strong tops. Very adaptable. Bulbs have beautiful white exterior and good firmness.
Ovation F₁	Intermediate	Mid-late / 110-115	Globe	Jumbo to colossal	Brown	IR: Pt	High yields of large, firm bulbs with excellent skin retention. Very adaptable.
Spanish Medallion F₁	Intermediate	Mid-late / 110-115	Globe	Jumbo to colossal	Brown	IR: Pt	High yields of large, firm bulbs with excellent skin retention. Large percentage with single centers.
White Gem	Bunching	Mid / approx. 62	Pencil	Medium length	-	-	Excellent field standing ability. Better yield than OP types. A summer to fall harvest variety.

Disease terminology: IR = Intermediate Resistance. Disease code: Pt = Pink root.



ASIAN DELIGHT Pak Choi

All-America Selections award-winning Asian Delight pak choi is ready for harvest when you are with unmatched bolt tolerance and unique deep green ruffled leaves. The small to mid-size (5-7 inch) Canton type heads have a tasty, tender white rib and dark green, textured leaves. Asian Delight forms very tightly packed heads that are heavy for their mini size. Expect to begin harvest in about 30 days. Plants will hold for about 2-3 weeks after maturity.



LI REN CHOI Pak Choi

Li Ren Choi is an extremely attractive mini pak choi with light green stems and slightly darker green leaves. It develops a pak choi shape at a very early stage and can even be planted in trays and harvested at transplanting time. It is one of the smaller mini varieties on the market. Li Ren Choi is ideal for producing premium pak choi hearts.



TOY CHOY Pak Choi

An early-maturing, compact baby pak choi that is perfect for home gardeners and specialty growers. This dwarf Canton-type produces glossy, dark green leaves atop broad, milky white petioles. Harvest early, or as soon as buds begin to appear to avoid bolting. Tasty and attractive.



FENG QING CHOI Pak Choi

Feng Qing Choi is a Shanghai type with a tight, vase-like shape, green petiole and a dark leaf color. This variety has excellent holding ability and uniformity and very high bolt resistance.



JOI CHOI Pak Choi

This hybrid revolutionized the production of pak choi in North America by making it a reliable, easy crop to grow. Joi Choi develops heavy, large plants of excellent uniformity that are slow to bolt. Accepted nationwide as the standard industry variety.



MEI QING CHOI Pak Choi

Mei Qing Choi is a Shanghai type with good heat and cold tolerance and bolting resistance. The uniform, medium-small plants maintain a tight vase-like shape and are popular for use as a baby pak choi. The green stems and leaves have an excellent flavor and tender texture.

Variety	Relative Maturity / Days to Maturity from Direct Seed	Habit	Head Characteristics	Bolt Resistance	Uses & Remarks
Asian Delight F1	Extra early / 30	Canton dwarf	Semi-upright, compact	Very high	Unmatched bolt tolerance, tasty, tender ribs, great post-harvest holding.
Feng Qing Choi F1	Very early / 35-40	Upright, compact	Dark green leaves, green petioles	Very high	A slow-bolting Shanghai type with a tight vase-shape and excellent holding ability.
Joi Choi F1	Mid / 55	Semi-upright, large	Bright green leaves, thick white petioles	High	Easy to grow with outstanding uniformity. Full, very large plants are widely adapted. Industry standard.
Li Ren Choi F1	Early / 40	Upright, very compact	Medium green leaves, light green petioles	High	Develops pak choi shape very early. Very small, compact plants. Ideal for dense planting.
Mei Qing Choi F1	Very early / 35-40	Upright, compact	Medium green leaves, light green petioles	High	Multi-slot Shanghai type with good heat and cold tolerance. Can be harvested as "baby" pak choi. Excellent flavor and extra tender.
Toy Choy F1	Extra early / 30-35	Semi-upright, compact	Dark green leaves, thick white petioles	Susceptible	Miniature Canton type. Extremely early to mature. Ideal for specialty markets.



SNOW OR SNAP?

Little SnowPea Purple and **Little SnowPea White** produce small, shiny pods that are flat with very tiny peas inside. The whole pod is edible, providing a mild flavor and crunchy texture when served either raw or cooked.

Little SnapPea Crunch and **Little SnapPea Petite** are sugar snap peas – a cross between snow peas and garden peas. These edible pods are a bit fuller, with a crunchy texture and sweet, juicy flavor bursting from the baby peas forming inside. They are also delicious raw or cooked.



**LITTLE SNAPPEA
CRUNCH**

Pea



**LITTLE SNAPPEA
PETITE**

Pea



**LITTLE SNOWPEA
PURPLE**

Pea



**LITTLE SNOWPEA
WHITE**

Pea

Variety	Days to Maturity from Direct Seed	Pod Type / Characteristics	Plant Habit / Vine Height	Uses & Remarks
Little SnapPea Crunch	58–60	Snap Pea / full, medium green, crunchy, sweet	Compact / 26–32"	Plants hold well as the weather warms.
Little SnapPea Petite	62–65	Snap Pea / baby-size, dusty green, crunchy, sweet	Tall / 70–80"	Sets dainty miniature pods on a full-sized plant.
Little SnowPea Purple	50–54	Snow Pea / flat, medium green, crunchy	Very compact / 20–24"	Space saving plants with ornamental purple flowers.
Little SnowPea White	30–32	Snow Pea / flat, bright green, crunchy	Medium / 36–40"	Powdery mildew resistant plants produce super-early. Pods retain flavor and texture, even if harvested late.



EARLY FLAME Jalapeño

Get ready to make your own Sriracha! Early Flame jalapeño pepper plants are very compact, container friendly and productive, setting heavily in a short time frame. The large (4" X 1.5") heavy fruit have a thick wall and mature from glossy green to deep red. Harvest early for fresh use or at mature red for sauce. Matures in 60-65 days from transplant.



JALAFUEGO Jalapeño

Our hottest jalapeño pepper! Jalafuego is a favorite for home gardens due to its high pungency fruit and strong plant that yields extremely large harvests throughout a long season. Plants perform well in containers or in the garden. The smooth, very dark green fruit has extra length that makes it perfect for growing conditions that may cause fruit to shorten.



SPICY SLICE Jalapeño

Spicy Slice delivers uniform, bite-sized jalapeño rings right from the garden. The extra-large, uniformly cylindrical fruit have a medium pungency and thick wall suited to slicing and fresh eating. The vigorous plants are super productive and have a full coverage of leaves to protect the slow to check, medium green fruit from sun damage. An early maturing and widely adapted variety.



CAMPEÓN Jalapeño

Campeón is widely adapted to various growing conditions throughout the U.S. It yields uniform, dark green, extra-large fruit on large plants. The fruit has a very smooth, classic shape with blunt tips.



EL JEFE Jalapeño

El Jefe provides high quality fruit on a large plant. Large to extra-large fruits are very dark green and glossy, pungent, with minimal cracking and purpling. Easy to grow, but needs fully warm weather to shine.



CINDER Jalapeño

Cinder produces jumbo fruit on large, high yielding plants. Widely adapted throughout the U.S. The mid-season maturing fruit are very smooth, dark green, and have a medium-high pungency.



ARAPAHO Cayenne (formerly named Cheyenne)

Arapaho ripens 10-14 days earlier than the standard varieties on the market. Ideal for showing young fruit on the plant at the point of sale. Compact plants work well for containers or in the ground and produce very heavy yields all season. Long, wrinkled fruits mature to bright, glossy, candy red. Expect a 2,000-4,000 relative Scoville rating and a great cayenne aroma and flavor.

TRIDENT Poblano

Trident is a superior extra-large poblano. Long, two-lobed fruits show excellent ability to size up in the northern US and Canada and produce multiple harvests in longer season areas. Continuously setting, vigorous plants are very widely adapted. Trident matures mid season from glossy deep green to red and is well suited for the fresh or drying markets. A good replacement for customers who formerly used Tiburon.





PATHFINDER Serrano

Pathfinder serrano blazes a trail to pepper bliss. Pepper breeding geniuses behind the scenes combined huge, thick-walled fruit with high yields and compact plants to bring you more fruit in less space. Just when we thought it could not get better they added early-mid maturity (78-80 days), deep green color and disease resistance. Pathfinder is strong plant that is well adapted to both cool and warm conditions. The leaf canopy protects an abundance of 4.5-5" deep green, cylindrical, smooth, shiny fruit throughout the season. Pathfinder is resistant to Xcv 0-3, 7 & 8, with high pungency and an average fruit weight of 30 grams.



CRACKLE Finger Hot

Crackle will light up your garden like a bonfire! The tall, sturdy plant produces many leafy branches and sets continuously throughout the season. Crackle thrives in hot weather with an expansive root system and great leaf cover. Plants set loads of uniform, glossy, dark green conical-pointed 4-5 inch fruit that measure about 1/4 of an inch at the shoulder and are heavy for their type. Crackle has medium walls suited for either fresh use or drying. Pungency will vary depending on soil conditions. Fruits mature in about 80 days.



DURANGO Guajilo

Durango, a Guajillo type hot pepper, can be eaten fresh or dried and ground into powder for making sauces, spreads, or rubs. It has mild to medium heat, approximately 2500-5000 scoville units depending on conditions. The 6.5 to 8 inch long fruits mature to red then dry to burgundy-black with excellent dry weight.



DESPERADO Anaheim

The name Anaheim was coined by farmer Manuel Ortega, who brought these peppers from New Mexico to Anaheim, California in 1894. Manuel would be proud of Desperado with its bold attitude and high yields. The plants are tall with good cover for sun protection. Fruits are smooth and straight, measuring about 7.5" long by 1.5" at the shoulder. They are heavy for their size with medium wall thickness. Very mild heat measures 350-600 scovilles. Fruits can be used fresh or preserved dry or in oil or vinegar.



SUREÑO Serrano

Sureño is a high producing, large, straight fruited serrano pepper with a medium-green color and excellent quality. The plant is more compact and the yield more concentrated than a traditional serrano. Sureño's fruit is very firm, with a solid core that can withstand rough handling.

Variety	Type	Relative Maturity / Days to Maturity from Transplant	Fruit Size/Shape	Fruit Color	Plant Habit	Disease Resistance	Uses & Remarks
JALAPEÑO:							
Campeón F1	Jalapeño	Mid / 70	Extra-large / Very smooth bullet	Dark green to red	Large, vigorous	HR: PVY: 0.1.2 / Xcv: 0-3, 7, 8	Very adaptable. Uniform fruit.
Cinder F1	Jalapeño	Mid / 70	Jumbo / Very smooth bullet	Dark green to red	Large, vigorous	HR: PVY: 0.1.2 / Xcv: 0-3, 7, 8	Jumbo fruit.
Early Flame F1	Jalapeño	Early / 60-65	Large / Very smooth bullet	Dark green to deep red	Compact branching	HR:TEV/PVY:0,1,2	Heavy yielder, compact plant works well in containers, great for sauces.
El Jefe F1	Jalapeño	Mid-early / 65-67	Large to extra-large / Smooth bullet	Dark green to red	Large, vigorous	HR: PVY: 0.1.2 / Xcv: 0-3, 7, 8 IR: TEV	Highly disease resistant. Easy to grow, but needs fully warm weather.
Jalafuego F1	Jalapeño	Mid / 70	Extra-large / Long, tapered end	Dark green to red	Medium, vigorous	HR: PVY: 0.1.2 / Xcv: 0-3, 7, 8	Our hottest pepper; excellent fruit length.
Spicy Slice F1	Jalapeño	Early / 65	Extra-large / Elongated, cylindrical to blunt	Green to red	Medium-Large	HR: Xcv: 0-3, 7, 8 \\ IR: TEV	Elongated cylindrical fruit for slicing.
SPECIALTY:							
Arapaho F1	Cayenne	Early / 60-65	Large / Long, wrinkled	Green to bright red	Medium compact	-	Very early, heavy yields of very large fruits. Highly ornamental.
Crackle F1	Finger Hot	Mid-early / 60-70	Large to XL / Long, tapered at end	Dark green to red	Medium, good cover	-	Sturdy plants produce high yields of heavy fruit for fresh market or drying.
Desperado F1	Anaheim	Mid-early / 60-70	Large to XL / Long, semi flat conical	Light green to red	Medium, good cover	-	Well suited as a dual purpose Anaheim.
Durango F1	Guajilo	Mid / 70-80	Large to XL / Long, tapered	Dark green to red	Erect, medium large	HR: TMV: 0 IR: Pc	For fresh and drying. Plants show good field performance.
Pathfinder	Serrano	Mid / 78-80	Extra-large / Long cylindrical	Dark green	Medium tall, good cover	HR:Xcv 0-3, 7-8	Adapted to warm or cool weather, very high yields.
Sureño F1	Serrano	Mid-early / 65-70	Large / Blunt cylindrical	Medium green	Compact	HR: PVY: 0.1.2	Compact plants produce high yields of firm fruit.
Trident F1	Poblano (Ancho)	Mid / 80-85	Extra-large / Semi flat, flattened	Medium dark green to red	Tall	HR: TMV: 0	High yield potential with multiple harvests. Maintains very good fruit size in varied conditions.

Disease terminology: HR = High Resistance.

Disease abbreviation code: Pc - Phytophthora root rot, PVY - Potato Y, TEV - Tobacco etch, TMV - Tobacco mosaic, Xcv - Bacterial spot.

NEW
VARIETY**CHEROKEE** Bell Pepper

Cherokee (SPP7024) is a widely adapted, green-to-red bell pepper well suited for the desert south west U.S. and in particular, Mexico growing regions. Suited for open field and low-tech protected culture. The maturity is mid-early, with high yields of extra-large fruit with excellent quality. The fruit are firm, dark green and mature to red color. The plants are strong and vigorous with the ability for longer production cycling. Cherokee has high resistance to Pepper mild mottle, TMV: 0 / Xcv: 0-3, 7, 8 and intermediate resistance to TSWV.

GOLD FORTUNE Bell Pepper

Gold Fortune delivers color and amazing fruit size to the vegetable garden. Lamuyo shaped fruits are glossy golden yellow at maturity, large to extra-large, smooth, firm and thick walled. The plants are vigorous, high yielding and well adapted to stake culture. Gold Fortune has high resistance to PVY: 0.1.2 and intermediate resistance to Lt and TSWV.

NEW
VARIETY**MAJESTIC RED** Bell Pepper

Majestic Red sets a new standard for home garden bell peppers. The huge, smooth fruit mature to a bright red, have a thick wall, and crunchy texture. Fruit are blocky, firm, and heavy for their size and set quickly to ensure a good yield. The early maturing plants are medium to large, have good cover, and are widely adapted to most regions of the US. The plants have good disease resistance.



NITRO S10®
Bell Pepper



SHOGUN S10®
Bell Pepper



NINJA S10®
Bell Pepper



SAMURAI S10®
Bell Pepper



These beauties are ready to take on the latest growing challenges, most notably: Bacterial leaf spot (Xcv). They show intermediate resistance to all 10 races of this serious pepper disease (especially important in the Eastern US). Each is widely adapted and produces very high yields of firm, large to extra-large, glossy, dark green to red fruits on vigorous plants. Samurai S10® fruits mature early at about 70 days from transplant, while Ninja, Nitro and Shogun S10® fruits ripen about 5 days later. All have added resistance to TMV:0 as well!



CLASSIC Bell Pepper

Classic is a green-to-red, high-yielding bell that has outstanding fruit quality, with thick walls and a uniform blocky shape. Classic is widely adapted and offers good heat-set ability. It approaches greenhouse quality in the open field. Classic has high resistance to TMV: 0 and Xcv: 0-3, 7, 8.



DOUBLE UP Bell Pepper

Double Up is a popular green-to-red bell pepper known for dependable performance in most Western U.S. growing regions, as well as Mexico and Central America. It offers early-mid maturity with high yields of quality fruit. Double Up has high resistance to TMV: 0 and Xcv: 0-3, 5, 7, 8.



EARLY SUMMER Bell Pepper

Early Summer is an early to mid-early maturing, extra-large, dark green-to-yellow bell pepper with strong plants providing good fruit cover and a very impressive yield potential. The fruit are firm, smooth, glossy and high quality, with thick walls and a uniformly blocky shape. Early Summer has an excellent disease resistance package. HR: TMV: 0 / Xcv: 0-5, 7-9 IR: TSWV.



RED BULL Bell Pepper

Red Bull offers plants with excellent canopies. This variety produces strong heavy sets of four-lobed, large fruit that are blocky, smooth and very thick walled. Red Bull has high resistance to TMV: 0 and Xcv: 0-3, 7, 8.



TOUCHDOWN Bell Pepper

Touchdown offers a strong prolific plant with continuous setting ability and excellent cover. This variety has high yield potential of large to extra-large blocky fruit that mature from green to red. The fruit are smooth with thick walls and have a uniformly blocky shape. Touchdown has high resistance to TMV: 0 and Xcv: 0-5, 7-9.

Variety	Type	Relative Maturity / Days to Maturity from Transplant	Fruit Size/Shape	Fruit Color	Plant Habit	Disease Resistance	Uses & Remarks
SWEET BELL:							
Cherokee F1	Bell, Indoor/Outdoor	Mid / 72-78	Large to XL / blocky	Dark green to red	Large, good cover	HR: PMMoV: 1,2,3/TMV:0/Xcv:0-3,7,8 \ IR: TSWV	Excellent, quality, mostly 4-lobed fruit. Strong, tall plant, good for CEA.
Classic F1	Bell	Mid / 70-80	Large to XL, blocky	Green to red	Medium plant with good cover	HR: TMV: 0 / Xcv: 0-3, 7, 8	Quality, thick walled fruit. Approaches greenhouse quality fruits even in open field growing.
Double Up F1	Bell	Mid-early / 70-75	Large to XL, blocky	Green to red	Medium-large with great cover	HR: TMV: 0 / Xcv: 0-3, 5, 7, 8	Dependable, top performer for multiple seasons with an excellent disease resistance package.
Early Summer F1	Bell	Early to mid-early / 68-73	XL, blocky	Green to yellow	Medium with good cover	HR: TMV: 0 / Xcv: 0-5, 7-9 \ IR: TSWV	Impressive quality and yield with high disease resistance.
Gold Fortune F1	Lamuyo	Late / 80-90	Large to XL / long blocky	Green to golden yellow	Large, tall, vigorous	HR: PVY: 0.1.2 \ IR: Lt / TSWV	Great color and fruit size.
Majestic Red F1	Bell	Mid-early / 70-75	XL, blocky	Green to red	Medium with good cover	HR: TMV: 0 / Xcv: 0-3, 5, 7, 8 \ IR: Pc	Extra large, heavy fruit have thick walls.
Ninja S10 F1	Bell	Mid-early / 72-77	XL to Jumbo / blocky	Green to deep red	Large, vigorous	HR: TMV:0 \ IR: Xcv:0-10	Shows intermediate resistance to all 10 races of bacterial leaf spot; widely adapted, very high yielder.
Nitro S10 F1	Bell	Mid / 75	Large to XL / blocky	Dark green to red	Medium, good cover	HR: TMV:0 \ IR: Pc/TSWV/Xcv:0-10	Strong disease package for entire east coast of US.
Red Bull F1	Bell	Mid / 70-80	XL, blocky	Dark green to red	Strong plant, excellent cover	HR: TMV: 0 / Xcv: 0-3, 7, 8	Produces strong, heavy sets of very thick-walled, rich red fruits.
Samurai S10 F1	Bell	Early to mid-early / 70-75	Large to XL / blocky	Green to red	Medium-large, vigorous	HR: TMV:0 \ IR: Xcv:0-10	Shows intermediate resistance to all 10 races of bacterial leaf spot; widely adapted, very high yielder.
Shogun S10 F1	Bell	Mid / 75-77	Large to XL / slightly elongated blocky	Dark green to red	Medium-large, tall	HR: TMV:0 \ IR: TSWV/Xcv 0-10	Shows intermediate resistance to all 10 races of bacterial leaf spot; widely adapted, very high yielder.
Touchdown F1	Bell	Mid / 70-80	XL, blocky	Green to red	Medium-large with good cover	HR: TMV: 0 / Xcv: 0-5, 7-9	Excellent yield potential over long cycle production.

SNACKING


Delite[®] PEPPERS
 SERIES

Delite snacking peppers are a favorite for the whole family! These healthy snacks satisfy crunchy cravings while providing beta-carotene and vitamin C. Kids love the colors and gardeners of all types will love the easy-care plants. Delites can be grown in ground or in containers (plant one per 18-inch pot) and will benefit from a stake or tomato cage for support as the peppers mature.


NEW
 VARIETY

LEMON DELITE
 Bell Pepper


NEW
 VARIETY

ORANGE DELITE
 Bell Pepper


NEW
 VARIETY

RUBY DELITE
 Bell Pepper



TAKARA Shishito

The shishito is a sweet pepper, but an average of 1 in 10 fruits will surprise with mild heat. Our hybrid provides higher yields of more uniform 3 to 4 inch fruit and consistent seed quality compared to OP strains. The sturdy plant has a well branched, mounding habit with short internodes to hold the weight of the high production potential. Prepare with a quick coat of oil and toss in a pan or on the grill.



LOLA Banana

Bright shiny color, super yields and mild flavor make Lola sweet banana pepper a star. Fruits mature early on plants that are widely adapted and disease resistant. Extra-large fruits are smooth and straight, measuring about 8 inches long by about 1.5 inches wide at the shoulder. Lola matures from light yellow to orange to bright red and is sweet and crunchy with firm, thick walls when picked at any stage.

HUNGARIAN CHEESE TRIO

This fun series is very early-maturing yet sets continuous high yields. Round, flattened fruits are thick-walled and fluted at the stem end. Plants are suited for containers or the garden and fruits are ideal stuffed or pickled. All mature to full color early, between 60 and 68 days from transplant.



ORANGE YOU SWEET
Bell Pepper



RIGHT ON RED
Bell Pepper



YES TO YELLOW
Bell Pepper

Variety	Type	Relative Maturity / Days to Maturity from Transplant	Fruit Size/Shape	Fruit Color	Plant Habit	Disease Resistance	Uses & Remarks
SPECIALTY:							
Lemon Delite	Snacking	Very early / 60-65	Medium/conical, flat	Green to lemon yellow	Medium tall, vigorous	HR: TMV: 0 / Xcv:0-3,7,8	Small, crunchy & flavorful; early maturing, good heat setting ability.
Lola F1	Banana	Early / 65-70	Large to XL, elongated tapered	Light yellow to bright red	Medium-large with good cover	HR: Xcv: 0-3, 7-8 \\ IR: TSWV	Lola is a widely adapted, and high yield potential. Excellent flavor and texture.
Orange Delite	Snacking	Very early / 58-65	Medium small/conical, flat	Green to deep orange	Upright, vigorous	HR: TMV: 0 / Xcv:0-3,7,8	Crunchy & flavorful; very early maturing and high yielding.
Orange You Sweet F1	Hungarian Cheese	Early / 65-68	Small / Flat round	Dark green to deep orange	Medium compact	-	Compact, branching plants produce highly ornamental fruits.
Right On Red F1	Hungarian Cheese	Early / 65-68	Small / Flat round	Dark green to deep red	Medium compact	-	Compact, branching plants produce highly ornamental fruits.
Ruby Delite	Snacking	Very early / 60-65	Small/conical, flat	Green to ruby red	Medium tall, strong, vigorous	HR: TMV: 0 / Xcv:0-3,7,8	Small, crunchy & flavorful; early maturing and high yielding.
Takara F1	Shishito	Very Early / 60	Small / Elongated	Bright green to bright red	Compact, well branched	-	Hybrid with 'classic' Shishito shape, size, and quality.
Yellow Sparkler F1	Snacking	Early / 65-68	Mini, elongated tapered	Green to yellow	Compact, mounding	HR: TMV: 0	Early maturing and high yielding. These peppers have few seeds.
Yes To Yellow F1	Hungarian Cheese	Early / 65-68	Small / Flat round	Dark green to yellow	Medium compact	-	Compact, branching plants produce highly ornamental fruits.

Disease terminology: HR = High Resistance. Disease abbreviation code: Pc - Phytophthora root rot, PVY - Potato Y, TMV - Tobacco mosaic, TSWV-Tomato spotted wilt, Xcv - Bacterial spot.



LARGE MARGE Pumpkin

Large Marge tips the scales at a whopping 30-40 pounds! This extremely large variety has a deep orange, glossy exterior with a dark green, large, embedded handle to match the fruit size. Large Marge plants are full-vined and can set multiple fruits per plant and maintain size. The traditional blocky-round shape is perfect for carving or decorating. Plants mature in about 105 days.



TOAD Pumpkin

Perfect for holiday decorating! This small, semi-hard shell variety is early maturing, yields a high number of tear-drop-shaped fruit on bush-type plants and has nice, embedded handles. Toad's bright orange color and multiple bumps and warts truly give it unique character. Expect maturity in 85 days.



KANDY KORN PLUS Pumpkin

Dark green handles set on deep orange miniature fruit give Kandy Korn Plus great eye appeal. Kandy Korn Plus sets a tremendous amount of fruit per plant on a bush vine which saves space and maximizes the yield per acre.



MRS. WRINKLES Pumpkin

The deep, vertical "wrinkled" ribs and burnt orange color make Mrs. Wrinkles a spooky attention grabber. Semi-determinate vines produce nice yields of blocky-round 14-18 pound pumpkins with thick flesh and durable rind. The hefty, strong handles are embedded well into the top of the fruit to prolong display.



JACK SPRAT Pumpkin

Jack Sprat is a kid-sized pumpkin with a semi-determinate, powdery mildew resistant vining plant. Fruits weigh in at 3 pounds and have a nice dark orange, lightly ribbed exterior, dark green embedded handles and small seeds. It sets a very high number of fruit per compact plant. Pumpkins measure 5" high by 6" wide.



WHITE FLAT BOER FORD Pumpkin

A beautiful, unique offering for the home garden and specialty markets. Our selection offers quality oval, flattened fruits with a creamy white rind and thick orange flesh. The flavor is sweet and eating quality is excellent. Fruits store well for long periods and their tough rinds make them able to be handled without blemishing.



MR.
WRINKLES
Pumpkin



FALL SPLENDOR
PLUS
Pumpkin



EARLIPACK
Pumpkin



CAPTAIN JACK
Pumpkin



HIJINKS
Pumpkin



ROCKAFELLOW
Pumpkin



DIABLO
Pumpkin

Variety	Days to Maturity from Direct Seed	Fruit Size / Shape / Weight	Skin Color / Ribbing	Vine Type	Disease Resistance	Uses & Remarks
SMALL:						
Jack Sprat F1	100	5 x 6" / Round block / 2-3 lb	Dark orange / shallow ribs	Semi-determinate	HR: Sf	Strong embedded handle, very uniform, high fruit per plant and yield potential. High resistance to powdery mildew.
Kandy Korn Plus F1	85	4.25 x 3.5" / Oblate / 1 lb	Orange / Smooth	Bush	IR: Sf	Compact, bush plants produce very high yields of tiny pumpkins.
Rockafellow F1	95	5.5 x 6.5" / Oval tear drop / 2-3 lb	Dark orange / Smooth	Bush	-	Hard shell and smooth skin make it ideal for painting. Unique tall oval shape.
Toad F1	85	5.5 x 4.5" / Tear drop / 1.5-2.5 lb	Bright to dark orange / Warty	Bush	-	Nice embedded handles on unique, ornamental, warty fruits. Perfect for holiday decorating.
MEDIUM:						
Fall Splendor Plus F1	105	6.5 x 8" / Round blocky / 4-6 lb	Dark orange / Medium ribs	Semi-determinate	IR: Sf	A small Jack O'Lantern with rich color and long, strong carrying handle.
Hijinks F1	100	7.5 x 8" / Round blocky / 7-9 lb	Dark orange / Shallow ribs	Indeterminate	-	AAS Award Winner. Our highest yielding variety.
LARGE:						
Captain Jack F1	105	15 x 13" / Tall barrel / 30 lb plus	Medium dark orange / Medium ribs	Semi-determinate	-	Produces several extra-large fruits per plant. Does require lower plant population to obtain larger size. Thick handle and flattened bottom.
Diablo F1	100	9 x 11" / Round blocky / 18-22 lb	Dark orange / Medium ribs	Semi-determinate	IR: Sf	A very uniform large Jack O'Lantern-type with a strong embedded carrying handle.
Earlipack F1	95	11.5 x 13" / Round blocky / 18-22 lb	Dark orange / Medium ribs	Semi-determinate	IR: Sf	Uniform blocky round, Jack O'Lantern-type fruit with dark green handles. Good yields on compact plants.
Large Marge F1	105	13.5" x 13" / Round blocky / 30-40 lb	Dark glossy orange / Deep ribs	Indeterminate	-	Extremely large fruit with rich color and interesting texture.
Mr. Wrinkles F1	100	13 x 10.5" / Barrel / 20-30 lb	Dark orange / Deep wrinkled ribs	Indeterminate	-	Deeply wrinkled ribbing. Strong embedded handle; very strong vine.
Mrs. Wrinkles F1	100	9 x 10" / Round blocky / 14-18 lb	Burnt orange / Deep wrinkled ribs	Semi-determinate	-	Deep wrinkled ribs, burnt-orange color and a strong embedded handle.
SPECIALTY:						
White Flat Boer Ford	110-120	Flattened / 10-15 lb	Creamy white / Widely spaced, medium deep ribs	Indeterminate	HR: Sf	Unique color and shape for specialty markets; stores well.

Disease terminology: IR = Intermediate Resistance. Disease code: Sf - Powdery mildew.



FRENCH BREAKFAST Radish

French Breakfast features a cylindrical root, two to three inches in length. The root is 2/3 scarlet with a white tip. The mild flavor and early/mid maturity make this a favorite in its class. Delicate flavor and excellent for your home garden.



STARBURST Radish

Starburst is our newest watermelon type radish. It displays a beautiful, rich color contrast with a rosy pink interior and pale green and white exterior. The mild radish flavor with crisp, juicy texture makes a delicious addition to salads, slaws or for pickling. Upright bright green tops have a strong attachment. Plant in summer for harvest in fall.



EASTER EGG II Radish

Delightful roots develop in shades of white, pink, red and purple and have a mild, delicate flavor. Easter Egg II is certain to add beauty and distinction to salads or the appetizer tray. The large, round radishes mature in about 28 days below medium-tall, strap leaves and are late to develop any pithiness.



CHERRIETTE Radish

Cherriette is a warm season radish used in the fall and spring in most areas. It has a bright red color and short tops. This variety is uniform and slow to develop pith. Cherriette performs well under warmer conditions and yields better than O.P.s in its class.



CHAMPION
Radish



**CRUNCHY
CRIMSON**
Radish



**SHUNKYO
SEMI-LONG**
Radish



FIREBALL
Radish



CRUNCHY ROYALE
Radish



CRUNCHY RED
Radish



CRUNCHY KING
Radish

Variety	Category	Days to Maturity from Direct Seed	Root Characteristics	Uses & Remarks
HYBRID:				
Cherriette F1	Round Red	23	Globe, bright cherry red, fine tailed root	Performs well under warmer conditions and yields better than OPs in its class.
Crunchy Crimson F1	Round Red	27	Round, medium-large, dark red	Vigorous tops under cool conditions. High yields with good uniformity.
Crunchy King F1	Round Red	24	Round, scarlet red	Crunchy King holds its round shape and does well all season, but it is strongest in fall and spring slots.
Crunchy Red F1	Round Red	25	Round, medium-large, scarlet red	Roots size up very well in cool conditions. Excellent pith tolerance.
Crunchy Royale F1	Round Red	25	Round, dark red	High quality roots show excellent uniformity and good exterior color. Grows well under cool conditions.
Fireball F1	Round Red	25	Round, dark red	Performs well in warm weather. Hybrid uniformity.
OPEN POLLINATED:				
Champion	Round Red	28	Globe, bright red	Uniform, large roots with a bright cherry red exterior color. Vigorous, strong tops with strong attachment. Roots are late to become pithy.
Easter Egg II	Specialty	28	Round, shades of white, pink, red and purple	Multi-colored variety for the home garden and novelty trades.
French Breakfast	Specialty	22	Oblong, scarlet with white tip	Elongated scarlet and white roots with delicate flavor.
ASIAN:				
Shunkyo Semi-Long	Chinese	32	Elongated tapered, bright rosy pink exterior, bright white interior. Elongated roots are 4-5 inches long.	This attractive Asian type boasts a hot/sweet flavored 4-5 inch long root. The slow bolting, pink stemmed tops are also edible and can be grown for baby greens mixes. Can be sown throughout the year.
Starburst	Watermelon	55-60	Oval-round and large, pale green and white exterior, rosy pink interior	Vibrant colored, mild flavored roots. Plant as the temperatures cool, in late summer or fall. Popular for both home garden and fresh market.

* Days to harvest are based on summer conditions.



LAURENTIAN Rutabaga

Laurentian has large, globe-shaped roots that are creamy-white with deep purple crowns. It has upright, dark green, edible leaves that regrow quickly after cutting. Laurentian has a mild flavor and refined texture and stores well after harvest. Plants mature in about 90-100 days and have good bolt tolerance. It is an excellent choice for fresh market and home gardeners.



NEW
VARIETY

PLYMOUTH Spinach

Plymouth is a fast-growing full leaf type with uniform, medium-dark green leaves. The upright plant habit helps keep leaves clean and easy to harvest. Plymouth has smooth, medium-dark green leaves that are uniform in shape and size. The thick leaves are slightly savoyed and spade shaped. The plants are resistant to many strains of downy mildew.



NEW
VARIETY

IMPERIAL VALLEY Spinach

Imperial Valley is a dark green smooth, Asian type spinach variety that adds color and interest to the garden or farmer's market. The uniform, deep green, Asian lobbed leaves have flexible and strong petioles- making them easy to harvest and great for bunching. Imperial Valley grows very quickly and has resistance to many strains of downy mildew. The fast growth and an upright plant habit make it a grower friendly choice.



NEW
VARIETY

IMPERIAL BEACH Spinach

Imperial Beach Asian type spinach is deep green and smooth with an upright plant habit making it easy to harvest and bunch. The grower friendly plants are quick growing and very uniform for leaf shape and size and color. Imperial Beach has downy mildew resistance and flexible but strong petioles resulting in less stem breakage during harvest and transportation.

The “side” series of Sakata baby spinach varieties offers many options for baby spinach growers. All the “sides” have deep green leaves, upright growth habit and easy to clean leaves. Sakata strives to continuously improve mildew resistance and increase choices in growth rate and leaf appearance for growers. If you are a baby leaf grower we have a spinach for you!



OCEANSIDE
Spinach



RIVERSIDE
Spinach



SEASIDE
Spinach



LAKE SIDE
Spinach

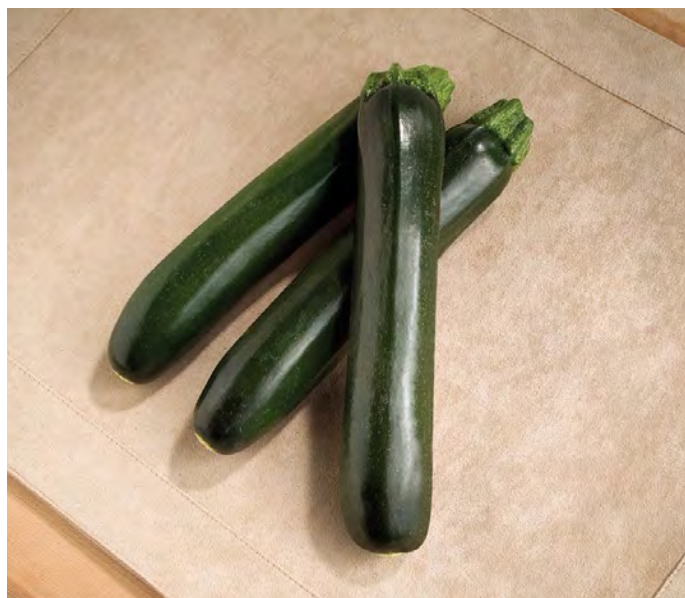
Variety	Type	Days to Maturity from Direct Seed	Plant Type / Leaf Shape	Leaf Color	Bolting Resistance	Disease Resistance	Uses & Remarks
Imperial Beach F1	Asian	35-40	Upright / smooth, heavily lobed, arrow	Dark green	Low-moderate	HR: Pfs: 1-11,13,15,16	Fast growing, flexible but strong petioles, deep color.
Imperial Valley F1	Asian	30-40	Upright / smooth, slightly lobed, arrow	Dark green	Low-moderate	HR: Pfs: 1-11,13,15,16	Fast growing, flexible but strong petioles, strong regrowth.
Lakeside F1	Baby Leaf	25-30	Erect / smooth, round, oval	Dark green	High to moderate	HR: Pfs: 1-11, 15, 16, IR: Pfs: 12, 14	A versatile baby leaf type used for loose clipping or for bunches. Good bolt tolerance.
Oceanside F1	Baby Leaf	25-30	Erect / smooth, round, oval	Dark green	Low	HR: Pfs:1-9,11,13,15-16 \\ IR: Pfs: 12,14	A versatile baby leaf, bunch, clip variety.
Plymouth F1	Mature	40-45	Semi-Savoy / spade	Dark green	Moderate	HR: Pfs: 1-11, 13, 15, 16	Upright semi-savoy, uniform with thick leaves.
Riverside F1	Baby Leaf / Mature	25-30 / 35-40	Upright / smooth, spade	Very dark green	Moderate	HR: Pfs:1-11,15-16 \\ IR: Pfs: 12,14	Extremely dark color; multi-use.
Seaside F1	Baby Leaf / Mature	25-30 baby leaf / 35-40 mature	Smooth, upright / spade	Dark green	Moderate	HR: Pfs: 1-11, 15-16, IR: 12, 14	Thick leaves grow uniformly and upright. Ideal for baby leaf.

Disease terminology: HR = High Resistance, IR = Intermediate Resistance. Disease abbreviation code: Ao - White rust. Pfs - Downy mildew.



ENDEAVOR Zucchini

Endeavor produces early and steady yields of uniformly cylindrical, medium green, glossy fruit. Plants are vigorous, with a nice open habit and small spines for easy harvest. Suitable for many growing areas, Endeavor is our most disease resistant variety.



FIESTA Zucchini

Fiesta offers spineless petioles, which produce outstanding yields with minimal harvest damage. The open plant habit allows for ease of harvest for the uniformly shaped and sized fruit. Fiesta's skin color is rich dark green with minimal to no flecking.



BOCCE Zucchini

Bocce Hybrid has an open, prostrate restricted vine that produces very high yields of 4 inch ball-shaped fruit. Pick at the baby stage or fully mature. The smooth, dark green fruit have good holding-ability and uniformity. Ideal for slicing and grilling or stuffing.



COMETA Lebanese

This Lebanese-type squash offers great productivity on vigorous plants. The bulbous-shaped fruits are gray-green with dark green specks. The flavor is rich and nutty and is widely used in Middle Eastern dishes for stuffing. Cometa also lasts well after harvest.

Variety	Type	Days to Maturity from Direct Seed	Fruit Shape	Size: Length x Diameter	Skin Characteristics	Plant Habit	Uses & Remarks
Bocce F1	Zucchini	55	Round	3-4"	Smooth	Compact trailing	Widely adapted and easy to grow.
Cometa F1	Lebanese	48	Bulbous	5 x 1-2"	Light gray-green, medium flecking	Medium-large	Nutty flavor. Excellent post harvest shelf life.
Endeavor F1	Zucchini	45	Cylindrical	7 x 2"	Medium-dark glossy green, medium-fine flecking	Medium-large, open	IR: ZYMV / WMV / PRSV / Sf. Widely adapted, plants, uniform, glossy, cylindrical fruits.
Fiesta F1	Zucchini	45	Cylindrical	7 x 2"	Very dark green, very low, fine flecking	Medium-large, open	Spineless, for easy harvest and little fruit damage. High yield potential.
Summer Surprise Mix F1	Mix	45-48	Cylindrical	5-8 x 1-2"	Various colors and textures	Large, open	Grey, Green, and round zucchini types together.
Symphony F1	Zucchini	45	Cylindrical	7 x 2"	Medium-dark green, fine flecking	Large, open	IR: ZYMV / WMV. Widely adapted plants. Early and steady yields.

Disease terminology: IR = Intermediate Resistance.

Disease code: PRSV - Papaya Ringspot spot, Sf - Powdery mildew, WMV - Watermelon mosaic, ZYMV - Zucchini yellow mosaic.



KURIHOMARE Kabocha

Kurihomare's bright yellow flesh has sweet, 'nutty' flavor and melt-in-your mouth texture. Fruits are great just brushed with oil and baked, but also work well for Tempura and soups. The large (4.5-5.5 lb.) Kabocha-type winter squash have a glossy green exterior and set well on vigorous vines, even in cold conditions. Kurihomare produces high yields in about 100 days from direct seed.



SWEET DUMPLING Dumpling

Sweet Dumpling is a very popular squash because it can be used for ornamental as well as culinary purposes. The fruit shape is round with high shoulders. The size is small (8-10 ounces). The skin color is creamy with dark green stripes and a light yellow interior flesh color. It has a smooth flesh texture with a delicate flavor.



GENESIS Butternut

Genesis is a processing-type butternut squash that is extra large in size with a thick, long neck with little to no ribbing. This variety is noted for good storability, and vigorous, strong vines with large yield potential. Disease resistance: HR:Px.



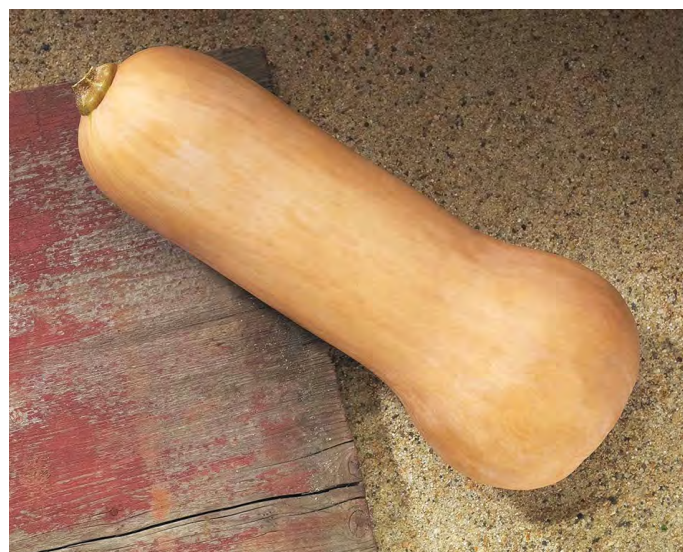
PRIMAVERA Spaghetti

Primavera is a high-yielding, hybrid vegetable spaghetti squash. It has similar size (2.5-3 pounds) to the standard OP variety with nice, canary yellow skin color at maturity. The fruit have excellent uniformity in size and shape, growing on a restricted vine that does not get as long as the standard OP. Matures in about 90 days from direct seed.



TIVOLI Spaghetti

This AAS Winner is the first bush-plant spaghetti squash. Tivoli has a small bush habit that offers high yield potential per plant. Fruits are large and oval, weighing about 4-5 pounds. Creamy flesh is very easy to shred with a fork after roasting. Like other bush-habit winter squash, it may produce short vines after the initial fruit set.



ATLAS Butternut

This commercial F1 hybrid butternut offers high yields of uniformly-sized and shaped fruit. Atlas is a mid-maturing variety at 110 days with strong plant vigor and short vine. The fruit color is cream with dark orange flesh. This winter squash has a cylindrical shape with a slight bulb, making it ideal for processing.



QUANTUM
Butternut



POLARIS
Butternut



LITTLE DIPPER
Butternut

Variety	Days to Maturity from Direct Seed	Fruit Shape	Weight	Rind / Flesh Characteristics	Plant Habit	Uses & Remarks
BUTTERNUT:						
Atlas F1	100-110	Cylindrical	5-7 lbs	Cream / Dark orange flesh	Somewhat vigorous vine	Large, cylindrical fruits with small bulb end.
Genesis F1	110	Long cylindrical	5 lbs	Tan, smooth, very shallow to no ribbing /orange flesh	Vigorous vine	Large, thick neck and small, low seed cavity. Powdery mildew resistance.
Little Dipper F1	100-110	Cylindrical	2 lbs	Cream, shallow-ribbed / Orange flesh	Vigorous vine	A small/personal-sized butternut – 2 lb per fruit average. High number of fruits per vine.
Polaris F1	100-110	Cylindrical	3-5 lbs	Cream / Bright orange flesh	Vigorous vine	Medium-sized fruit that compare well against the industry standard "Waltham OP". Very uniform in both shape and size with high yield potential.
Quantum F1	100-110	Cylindrical	2.5-4.5 lbs	Buff-tan / Bright orange flesh	Full, very vigorous vine	Fruits have a thick neck, small seed cavity and great taste. High number of fruits per plant.
Zodiac F1	100-110	Elongated	4-6 lbs	Buff-tan / bright orange flesh	Vigorous vine	Unique elongated shape makes it easier to peel and chop.
SPAGHETTI:						
Primavera F1	90	Oval	2.5-3 lb	Canary yellow / Creamy yellow flesh	Restricted vine	High-yielding hybrid. Excellent uniformity in size and shape.
Tivoli F1	98	Oval	4-5 lbs	Light creamy yellow / Pale creamy flesh	Vigorous bush, may have a few short vines	Unique, space saving bush plant habit; AAS Winner.
Vegetable Spaghetti OP	90-100	Long oval	2.5-3 lbs	Canary yellow / Creamy yellow flesh	Vigorous vine	The original open-pollinated spaghetti squash introduced to America by Sakata. High quality strain.
SPECIALTY:						
Kurihomare F1	100	Oblate	4.5-5.5 lbs	Dark green / Yellow flesh	Vigorous vine	Kabocha type. Kurihomare produces high yields of fruit with superior flesh texture and flavor.
Sweet Dumpling OP	82	Round blocky with high shoulders	8-10 oz	Dark green stripes on cream background / Light yellow flesh	Vigorous, multi-branched vine	Dumpling type with delicate flavor; highly ornamental. Convenient fruit size. High quality strain.



RUBY FRESH Swiss Chard

Ruby Fresh brings color and crunch to your spring mix! It has bright red petioles with well-defined venation on the deep green, round/oval, slightly wavy leaves. Plants are uniform, bolt-tolerant, upright and grow at a moderate rate, maturing to baby size in about 25-35 days. Ruby Fresh thrives outdoors or in greenhouse conditions.



PEPPERMINT Swiss Chard

Peppermint is in a class by itself. Its white petioles with pink stripes that form from bottom to top create a visual pop that will catch any eye. Plants have glossy, dark green, savoy leaves and show very high bolt tolerance. Peppermint is a perfect vegetable variety for fresh markets, home gardens and specialty markets and for adding to ornamental seed offerings in seed packet and plant programs. Pair with rose snapdragons and white pansies for a highly ornamental combination. U.S. PVP No. 201100151.



FIRE FRESH Swiss Chard

Bred especially for baby leaf, Fire Fresh has bright red stems (petioles) that add bold color to greens mixes. The vivid green, crunchy leaves are round to oval and smooth, developing a slight texture as they age. Fast-growing plants have an upright habit that keeps the leaves clean for harvest. Fire Fresh is flexible, harvest at baby size or let grow and harvest at a more mature stage. Fire Fresh has high resistance to cercospora leaf spot and intermediate resistance to downy mildew race 1.



RHUBARB Swiss Chard

Rhubarb is a standard in red Swiss chard varieties. Our consistent, high quality strain produces rich, dark red petioles and dark green, savoy leaves. It has an upright plant habit for ease of harvesting and a moderate bolt tolerance. It is well suited for baby leaf, fresh market, and home gardens. Plants are large and robust.



CELEBRATION Swiss Chard

Celebration is a multi-colored chard. It is not a mix of different varieties, thus it exhibits highly uniform plants with dark green, glossy leaves and vibrant, multi-colored petioles. Celebration produces a high percentage of red, pink, yellow and orange stalks, with a small percentage of whites. Celebration is a great variety for fresh market growers, home gardeners and specialty markets.



FORDHOOK GIANT

Swiss Chard

Fordhook Giant is a faster growing Swiss chard variety. It has white petioles with large, semi-savoy, green leaves. It is a bolt tolerant variety and has an upright plant habit. Fordhook Giant is the perfect choice for fresh market growers or home gardeners.



ELDORADO Swiss Chard

Eldorado is a bold, beautiful variety. It has unique, yellow-golden petioles paired with smooth, green leaves making it attractive for baby leaf, fresh market growers and home gardeners. Eldorado has an upright plant habit and a high bolt tolerance.



SILVERADO Swiss Chard

Silverado is a slower growing Swiss chard variety. It has nice, white petioles paired with dark green, glossy leaves. It is a perfect choice for any baby leaf or fresh market grower. Silverado is bolt tolerant and has an upright plant habit that is more compact than Fordhook Giant. *Organic and non-organic seeds available.*

Variety	Days to Maturity from Direct Seed	Petiole Color	Leaf Type	Uses & Remarks
Celebration	58-63 mature	Multi: Red, yellow, pink, orange & white	Dark green, glossy, semi-savoy	Uniform plants with high percentage of bright colors and few whites. Ideal for specialty markets or as an ornamental. Very high bolt resistance.
Eldorado	20-27 baby leaf 55-60 mature	Bright yellow gold	Medium-dark green, smooth to semi-savoy	Attractive glossy sheen to leaves, with strong stem and vein contrast. Excellent bolt resistance.
Fire Fresh F1	25-35 baby leaf	Bright red	Medium-dark green, smooth and slightly wavy, oval	Bred specifically for baby leaf. High resistance to cercospora leaf spot and intermediate resistance to downy mildew race 1.
Fordhook Giant	20-27 baby leaf 55-60 mature	White	Dark green, semi-savoy	Classic home garden favorite. Leaves are deep green, stems are white. Well suited for warmer weather. Great flavor. Very high bolt resistance.
Peppermint	58-63 mature	White, Striped Pink	Dark green, glossy, savoy	Beautiful petioles are white with pink stripes. An ideal vegetable or ornamental addition for home gardeners and specialty markets.
Rhubarb	20-27 baby leaf 55-60 mature	Dark red	Very dark green, savoy	Fine quality strain for home garden and farm markets. Moderate bolt resistance. <i>Organic and non-organic seed available.</i>
Ruby Fresh F1	25-35 baby leaf	Bright red	Dark green, slightly wavy, round oval	Refined, uniform, strong growing baby leaf choice for salad mixes.
Silverado	25-30 baby leaf 60+ mature	White	Dark green, glossy, savoy	Compact, slow bolting plants with a good flavor. Ideal for containers and small spaces. Very high bolt resistance. <i>Organic and non-organic seed available.</i>



SUPER VERDE Tomatillo

Super Verde (Hybrid) tomatillo has an improved plant for the home and market grower, in addition to offering improved fruit uniformity, higher yields, and an extended harvest window. Plants are vigorous with good cover and will mature mid-season in about 75 days from transplant. Fruit are extra-large, firm, have strong healthy husks and an attractive green color and store well after harvest. Pick while fruit are still bright green for the best flavor.

- Extra-large fruits
- Improved plant habit and yields
- Stores well after harvest



LITTLE BIRDY SERIES

RED ROBIN **Bright Red** • ROSY FINCH **Deep Rosy-Pink**
YELLOW CANARY **Golden Yellow**

A must have, OP, ornamental edible tomato series for every home garden and container plant program. Very compact, well-branching plants provide good cover to exceptionally high yields of 1 inch round fruits. The excellent tasting cherry tomatoes mature super early (about 55 days from transplant).

Suitable for sales in 4-6 inch pots or in hanging baskets and mixed patio pots. For a colorful variety offering, include three plants per pot or basket, one each of the series: **Red Robin**, **Rosy Finch**, and **Yellow Canary**. Or mix all three colors in a seed packet for the ideal small space garden planting.





BRAVEHEART Cherry

Braveheart Hybrid is our favorite garden tomato! The rich red, approximately 1 ounce (28–30 grams), cherry tomatoes grow prolifically on well-behaved, indeterminate short-internode plants. Fruits are sweet and juicy but with a bold, rich tomato flavor reminiscent of big slicers. Although the skin is thin, the fruits resist cracking well. They also ripen quickly and uniformly, then continue for harvests throughout the season. Expect your first harvest about 60 days from transplant.



SWEET MILLION Cherry

Sweet Million is a well-established favorite in the home garden and roadside markets. It boasts a balanced, superb, classic cherry tomato flavor, and an early maturity (60 to 62 days from transplant). Fruits are very uniform, with an average weight of .5 ounce (10 to 15 grams). Indeterminate plants are easy to grow, have strong vigor and produce high yields of firm fruit that show good crack resistance.



SWEET GOLD Cherry

Sweet Gold is an excellent companion to the red-fruited Sweet Million. It is also a popular home garden favorite for its flavor and performance. Vigorous, indeterminate plants are very high yielding, producing single and double clusters of early-maturing fruits in about 62 to 65 days from transplant. The attractive, bright yellow fruits weigh around .5 ounces (10 to 15 grams) and boast a full, delicious flavor.



SWEET TREATS Cherry

Sweet Treats is a unique, large-fruited cherry tomato with multiple market options. Fruits are globe-shaped, have a beautiful deep pink tone, smooth texture and an excellent rich flavor. Fruits weigh around .75 to 1 ounce (20 to 30 grams) and show good crack resistance. Vigorous plants have very good disease resistance and produce high yields of fruits that mature in about 65 to 67 days from transplant.

Tomato: Cocktail / Grape



GOLD SPARK Grape

Gold Spark grape tomato will grab your attention with eye-catching color, sweet flavor, steady yields, and crack resistance. This great tasting yellow grape has high yield potential and consistent sweetness (brix) throughout the season. Fruits weigh about .5 ounces (12-14g) and have excellent shelf life. The widely adapted indeterminate plants have strong vigor with medium height. Matures about 65-70 days from transplant.



MINGLE MIX Grape

Get ready to Mingle! You asked for more home garden grape tomato options and we aim to please. Mingle is a mix of our favorite indeterminate grape tomatoes in candy hued colors for the home garden. The mix includes gold, red, yellow and chocolate fruit, all in about 65-70 days. The plants are high yielding and set continuously throughout your season. The fruit are sweet but crack resistant and all weigh about .5 ounce. We suggest gardeners grow 6 plants or more for the best color range.



RUBY CRUSH Grape

Ruby Crush is our newest determinate grape variety. Plant in either patio containers or the field, where it shines with clusters of candy red, sugary-acid balanced fruits that resist cracking. Compact Ruby Crush plants are strong and have good leaf cover to prevent sun damage and can be grown with minimal support (2 foot high fence trellising or standard tomato cage). Oval fruits weigh about 1 ounce (15 grams).



BELLINI Cocktail

Bellini is an early maturing, uniquely large-fruited, light orange cocktail tomato with great flavor. Indeterminate plants produce clusters of 8-12 smooth, deep oblate shaped, 1.5 ounce (40-50 gram) fruit with a rich, low acid flavor and good sweetness. Plants have potential for high yields of firm, crack resistant fruit with a satisfying interior texture. Bellini is ideal for home garden, roadside, and specialized retail applications.



SWEET HEARTS Grape

Sweet Hearts is a leading grape tomato that is brilliant red, has excellent flavor, shelf life and resistance to cracking. It is an indeterminate plant that has good vigor and produces early, impressive yields with continuous sets and full clusters of very firm fruit of excellent quality. Sweet Hearts is well suited for single fruit harvest, and adapted for both indoor and outdoor production.

Variety	Plant Type	Relative Maturity / Days to Maturity from Transplant	Fruit Characteristics	Disease Resistance	Uses & Remarks
CHERRY:					
Braveheart F1	Indeterminate	Early / 60-65	Round, uniform, bright red	HR: Pf: A-E / Fol: 1 / For / ToMV: 0, 1 \ IR: Ss	Short internodes, great yield potential, excellent flavor.
<i>Little Birdy Series:</i> Red Robin	Compact determinate	Very early / 55	Medium round, red, .5-.75 oz (15-20g)	-	Very compact plant suitable for small patio pots and hanging baskets. High yields of excellent-tasting fruits.
<i>Little Birdy Series:</i> Rosy Finch	Compact Dedeterminate	Very early / 55	Cherry round, medium, deep pink	-	For a colorful variety offering, include 3 plants per pot or basket.
<i>Little Birdy Series:</i> Yellow Canary	Compact Dedeterminate	Very early / 55	Cherry round, medium, canary yellow	-	Well-branching plants provide good cover to exceptionally high yields.
Sweet Gold F1	Indeterminate	Early / 62-65	Small round, yellow, .5 oz (10-15g)	HR: Fol: 1 / ToMV: 0, 1	Full flavored, small yellow fruits. Good companion to Sweet Million.
Sweet Million F1	Indeterminate	Early / 60-62	Small round, red, .5 oz (10-15g)	HR: Fol: 1 / ToMV: 0, 1	Well-established home garden variety. Full-flavored, classic cherry tomato. Good crack resistance.
Sweet Treats F1	Indeterminate	Mid-early / 65-67	Globe, dark pink .75-1 oz (20-30g)	HR: Pf: A-E / Fol: 1, 2 / ToMV: 0, 1 IR: For / Ss	Unique, large, pink fruits with excellent flavor. A quality specialty choice for all markets.
COCKTAIL:					
Bellini F1	Indeterminate	Mid-early / 65	Large oblate, orange, 1.5 oz (40-50g)	HR: Pf: A-E / Fol: 1, 2 / ToMV: 0-2 / Vd: 1 IR: Mi ^a / Ss	Like a super-sized cherry, great for appetizers! Widely adapted and easy to grow. Unique orange color and size, with great flavor.
GRAPE:					
Gold Spark F1	Indeterminate	Mid-early / 65-70	Oval barrel-shape, golden yellow	HR: ToMV: 0-2 / Pf: A-E	consistently high Brix and fruit set; excellent shelf life; low-tech CEA or field.
Mingle Mix F1	Indeterminate	Mid-early / 65-70	Elongated round-oval	-	Red, Yellow, Gold and chocolate - Sweet, crack resistant fruit is a color mix with yellow, red, chocolate and golden orange.
Ruby Crush F1	Determinate	Mid-early / 65-70	Blocky, round, oval, red	HR: Fol: 1, 2 / For / ToMV: 0-2 \ IR: Ss	Deep red fruit that are very smooth, uniform & firm with a good flavor profile for a determinate grape.
Sweet Hearts F1	Indeterminate	Early, 60 days	Elongated oval, brilliant dark red	HR: Pf: A-E / Fol: 1 / ToMV: 0-2 IR: Ss	Excellent flavor, crack resistance and after-harvest shelf life. Great disease package.

Disease terminology: HR = High Resistance, IR = Intermediate Resistance.

Disease code: Ff - Leaf mold, Fol - Fusarium wilt, For: Fusarium crown & root rot, Mi - Root knot, Ss - Gray leaf spot, ToMV - Tomato mosaic, Vd - Verticillium wilt
^a - Soil temperatures above 80.6 °F (27°C) and other stress conditions may cause Mi resistance to break.

Mastering Umami Flavor

The term 'umami' was first coined in Japan in 1908 and has since become a coveted flavor profile. Described as 'brothy' or 'meaty,' it embodies a unique blend of savory tastes. Examples of food with umami flavor are cured meats, cheeses, soy sauce, mushrooms and tomatoes.

With most tomatoes sacrificing flavor to meet convenience demand, consumers crave that 'real' tomato taste. Former Sakata Japan President, Mr. Takahashi, spearheaded the effort toward achieving the sought-after flavor profile in Sakata tomatoes. For a burst of umami flavor, try our Bellini, Braveheart or Sweet Treats!

Tomato: Roma (Saladette)



SHELBY Roma

Bring on the summer swelter! Shelby's extensive disease package helps to ensure a great harvest under all kinds of pressure. The extra-large fruit are firm and bright red, while the determinate plants are hardy, compact, early, and yield well even in the toughest summer conditions. Shelby fruits are San Marzano - reminiscent of an elongated barrel-shape and store well before and after harvest. Expect the plants to mature about 75 days from transplant. HR: Aal / Fol: 1, 2 / For / Pst: 0 / Va: 1 / Vd: 1 \\ IR: TSWV / TYLCV: Is



CEDRO Roma

Cedro saladette wowed our trial visitors with yield and color! Sliced or diced, Cedro's bright red color and pleasant texture will make it a star in the kitchen as well. The large to extra-large (4-6 ounce), oval, uniform, fruits grow in clusters on compact indeterminate plants. Cedro is well-adapted, performing under varying summer conditions. Matures early, 75-80 days from transplant.



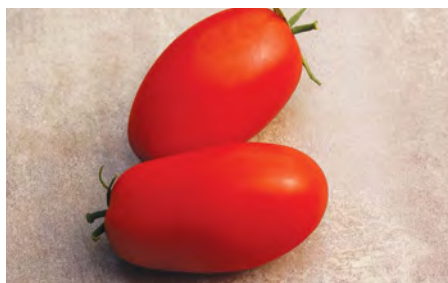
INVINCIBLE Roma

Invincible saladette stands up to pesky summer heat, rain and late blight! Invincible matures early and continues to set uniform fruit throughout the season on vigorous, mid-size, determinate plants. The leafy habit protects the deep red, oval shaped, mediumsized, smooth fruit. Plants are easy to manage and grow, maturing in about 65-70 days from transplant.



DAYTONA Roma

Compact determinate plants set high yields in just about 72-75 days from transplant. Daytona is a widely adapted variety with excellent quality extra-large, smooth fruit that hold well on the plant and after harvest. Fruit are firm and flavorful for slicing and dicing. Particularly suited to areas experiencing disease pressure from tomato yellow leaf curl.



SUPREMO Roma

Supremo matures quickly even in hot summer weather. The large, tasty, blocky fruit are wonderful fresh, and easy to peel for cooking. This productive hybrid sets concentrated yields of 5-6 ounce fruit on compact, determinate, disease-resistant plants.



OPTIMAX Roma

Optimax is a large to extra-large fruited indeterminate red roma with meaty yet juicy fruit that have thin skin and a small core. Optimax peels easily and has ideal color and texture for salsa, soup and sauce. Plants are very productive, have wide adaptability and mid-season maturity with good disease resistance. Optimax performs well when growing from warm to cool conditions and for longer growing seasons.



TACHI Roma

Tachi is a productive variety that produces extra-large fruit with excellent quality. The plants are strong, medium in size and set well in the heat. The fruits are firm and have good shelf life at maturity.



ROADSTER Slicer

This candy apple red beauty will turn heads! Roadster has the perfect combination of flavor, early maturity and extra-large (8-12 ounce) fruit size. Fruits have smooth shoulders, are globe-shaped and glossy. Medium sized, disease resistant, container friendly determinate plants race to maturity in about 65-70 days from transplant. Roadster is quickly gaining a reputation for exceptional taste and rich red color inside and out.



GRAND MARSHALL Slicer

Grand Marshall parades through hot weather with good flavor and texture. The deep red fruit have smooth shoulders that grow in clusters of 3-5 fruit, perfect for vine-ripe harvesting. The vigorous determinate plants set high yields of extra-large, firm, deep oblate shaped fruit. Grand Marshall has medium sized, disease resistant plants that perform well under stressful conditions and when bacterial pressure is present.



RED SNAPPER Slicer

Red Snapper is easy to grow, thriving in most summer conditions and under many types of disease pressure. The plants are widely adapted and set well in the heat. Fruit are an attractive red color, smooth, glossy, firm and have a good flavor and shelf-life. Plants mature about 70 days from transplant, are medium tall, and benefit from pruning.



CAMARO Slicer

Camaro races through the hottest summer while other plants slow down. The compact determinate plants set high yields of deep red, 8 to 10 ounce, glossy, globe-shaped fruit throughout the summer. Camaro is a good fit for large containers or raised beds and can be transplanted later in the summer to extend your harvest into fall; no pruning is required. Plants have good cover and disease resistance.



RED PRIDE Slicer

This short-stake tomato variety is a consistent performer, and our best tasting determinate red slicer. It produces excellent, rich flavored, large, deep oblate fruit with a good blossom end and strong red color. Red Pride has a relatively late maturity (compared to similar Sakata varieties) on strong, vigorous plants with good foliar disease resistance.



CHARGER Slicer

Charger fruits are extra-large, richly colored, deep red with good flavor. A high yielder, it produces deep oblate-shaped fruits with smooth shoulders on medium-tall plants. Shows wide adaptability, and good disease resistance, and shows good results in high tunnel production. Our largest fruited variety.



BELLA ROSA Slicer

This tasty, high quality, determinate slicer features a combination of very good heat setting ability and intermediate resistance to TSWV. The large, smooth-shouldered fruit have deep red color and good flavor. Medium-tall plants produce high yields in a concentrated set at about 74 days with little to no need for pruning. Especially well suited for the Eastern United States.

Tomato: Indeterminate Slicer

NEW
VARIETY



NEW
VARIETY



RUBEE DAWN Slicer

RuBee Dawn will get your garden year off to a very early start- maturing just 57 days from transplant. The flavor is a taste of summer- just what you dreamed of all winter, a wonderful balance of sweet with a touch of tartness and a hint floral overtone. The large (8-12 ounce) fruit have a deep oblate shape with slightly curvy shoulders and a smooth, deep red exterior. RuBee Dawn does not disappoint in the kitchen- slices are firm and flavorful. Three-to-four-foot plants are productive and disease resistant.

RUBEE GODDESS Slicer

RuBee Goddess combines beauty and strength with gorgeous color, juicy/mild/balanced flavor, and perfect texture. The large (8-10 oz.), smooth fruits have green shoulders, good firmness and thick walls for perfect slices, uniform flattened globe shape and deep red internal color. The compact to mid-sized indeterminate plants are high yielding and uniform. RuBee Goddess was the top performer when all traits were considered in our trials. The excellent disease package includes resistance to late blight.

NEW
VARIETY



NEW
VARIETY



RUBEE PLUS Slicer

RuBee Plus is full of juicy flavor, eye-popping color, and perfect texture. Globe shaped fruits are deep red inside and out, smooth shouldered and uniform maturing. RuBee Plus was built for slicing- the meaty walls and free-form pockets of tasty gel help keep the slices together during transport to your burger. The indeterminate, disease tolerant plants mature to about 4-5 feet and set 8-10-ounce fruit in cluster of 2-3.

RUBEE PRIZE Slicer

RuBee Prize is your best bet at the next county fair! Expect loads of very large (9-10 ounce) fruit with vibrant color and show stopping flavor in just 65 days! The compact indeterminate plants are leafy with good fruit cover, short internodes, are disease resistant and super productive. The deep red, juicy, almost seedless, slightly flattened globe shape fruit have curvy shoulders and consistently won the flavor category in our trials. The 4' plants set lots of uniform fruit in clusters of 2-4.

Variety	Vine Type	Relative Maturity / Days to Maturity from Transplant	Fruit Characteristics	Disease Resistance	Uses & Remarks
ROMA / SALADETTE:					
Cedro F1	Compact Indeterminate	Mid / 75-80	Oval, bright red	HR: Aal/Fol:1-3/ToMV:0-2/Va:1/Vd:1	Early, widely adapted; great heat set; excellent color.
Daytona F1	Determinate	Mid-early / 72-75	Elongated blocky, uniform, firm, red	HR: Aal / Fol: 1, 2 / Mi [^] / Vd: 1 IR: TYLCV: Is*	Widely adapted. Particularly well suited for TYLCV: Is* pressure slots, great fruit quality.
Invincible F1	Determinate	Early / 65-70	Rounded oval, deep red	HR: Fol:1,2/ToMV:0-2/Va:1/Vd:1 \ IR: Pi/Rs/Ss/Sbl/SI/TYLCV:Is*	Sets in extreme conditions; withstands late blight.
Optimax F1	Indeterminate	Mid-late / 80-85	Elongated oval, large, uniform, bright red	HR: Aal / Fol: 1, 2 / Vd: 1	Ideal for warm or cool season. Indeterminate plant for long production cycles.
Shelby F1	Determinate	Mid / 75	Elongated barrel, extra-large, bright red	HR: Aal/Fol:1,2/For/Pst:0/Va:1/Vd:1 \ IR: TSWV/TYLCV:Is	Old-fashioned elongated barrel shape; performs well in heat; extensive disease package.
Supremo F1	Determinate	Early / 68-70	Elongated blocky, large to extra-large, red	HR: Fol: 1-3 / Mi [^] / Pst: 0 / Vd: 1 IR: TSWV	Early, large production of quality fruits on compact plants. Excellent disease package.
Tachi F1	Determinate	Mid / 74-76	Elongated blocky, extra-large, dark red	HR: Aal / Fol: 1, 2 / Mi [^] / Vd: 1 IR: TSWV	High yields on compact plants. Sets well in heat.
SLICER - DETERMINATE:					
Bella Rosa F1	Determinate	Mid-early / 74	Oblate, large to extra-large, uniform, red	HR: Aal / Fol: 1, 2 / Vd: 1 IR: Ss / TSWV	Very good heat setting ability. Well suited for areas with TSWV disease pressure. Large, good flavored fruits.
Camaro F1	Determinate	Early to mid-early / 72-75	Globe, extra-large, uniform, red	HR: Aal / Fol: 1-3 / Vd: 1 IR: Ss / TYLCV: Is	Very good performance in hot set slots with extra-large fruit. Controlled plant habit works well in large containers.
Charger F1	Determinate	Early / 72	Oblate, extra-large, firm, red	HR: Aal / Fol: 1-3 / Vd: 1 IR: Ss / TYLCV: Is*	Early maturity of extra-large fruits with good flavor. Widely adaptable.
Grand Marshall F1	Determinate	120-125	Deep oblate, large to XL, red	HR: Aal/Fol:1,2/Va:1/Vd:1 \ IR: Ss/Sbl/SI/TYLCV:Is	Main season heat set, strong performance under bacteria pressure.
Red Pride F1	Determinate	Mid-late / 78	Deep oblate, large to extra-large, red	HR: Aal / Fol: 1, 2 / Vd: 1 IR: Ss	Strong plants with late maturity and good general foliar disease resistance. Great home garden flavor.
Red Snapper F1	Determinate	Early to mid-early / 70-75	Deep oblate globe, large to XL, deep scarlet red	HR: Aal/Fol:1,2/Va:1/Vd:1 \ IR: Ss/Sbl/SI/TSWV/TYLCV:Is*	Widely adapted across multiple regions and seasonal slots.
Roadster F1	Determinate	Very early / 65-70	Smooth globe, extra-large, glossy, rich red	HR: Aal/Fol:1-3/For/Va:1/Vd:1 \ IR: Ss/Sbl/SI/TSWV	Perfect combination of flavor, color, early maturity and extra-large fruit size.
SLICER - INDETERMINATE:					
RuBee Dawn	Indeterminate	Very early / 57-60	Deep oblate, large to XL, deep rich red	HR: Aal / Fol: 1, 2 / For / Pf: A-E / ToMV: 0, 1 / Va: 1 / Vd: 1 \ IR: Mi [^] / Sbl / SI / Ss	Compact indeterminate with every early fruiting; sweet, tart, richly colored fruits.
RuBee Goddess	Indeterminate	60-65	Deep globe, large, dark red	HR: Aal / Fol: 1, 2 / For / Pf: A-E / ToMV: 0, 1 / Va: 1 / Vd: 1 \ IR: Mi [^] / Pi / Sbl / SI / Ss	Excellent overall performance, yields, flavor and adaptability.
RuBee Plus	Indeterminate	Early / 65-70	Round globe, large, scarlet red	HR: Aal / Fol: 1, 2 / For / Pf: A-E / ToMV: 0, 1 / Va: 1 / Vd: 1 \ IR: Mi [^] / Sbl / SI / Ss	Large fruits with exceptional flavor, texture, and composition.
RuBee Prize	Indeterminate	Early / 65	Flattened globe, extra large, smooth, deep scarlet red	HR: Aal / Fol: 1, 2 / For / Pf: A-E / ToMV: 0, 1 / Va: 1 / Vd: 1 \ IR: Mi [^] / Sbl / SI / Ss	Compact plants, large yields of extra large fruits, high flavor.

Disease terminology: HR = High Resistance, IR = Intermediate Resistance.

Disease code:

Aal - Alternaria stem canker

Pf - Leaf mold

Fol - Fusarium wilt

For - Fusarium crown and root rot

Mi - Root knot

Pst - Bacterial speck

Sbl - Gray leaf spot (*S. botryosum* f. sp. *lycopersici*)

SI - Gray leaf spot (*S. lycopersici*)

Ss - Gray leaf spot (*S. solani*)

ToMV - Tomato mosaic

TSWV - Tomato spotted wilt

TYLCV - Tomato yellow leaf curl

Va - Verticillium wilt (*V. albo-atrum*)

Vd - Verticillium wilt (*V. dahliae*)

* - TYLCV: Is = Tomato yellow leaf curl virus: Israel strain.

* - This hybrid was developed in cooperation with the University of Florida's Food and Agricultural Sciences tomato breeding program.

[^] - Soil temperatures above 80.6 °F (27°C) and other stress conditions may cause Mi resistance to break.



SOUTHERN GREEN
Turnip



ALAMO
Turnip



ALL TOP
Turnip



WHITE LADY
Turnip



ROYAL CROWN
Turnip



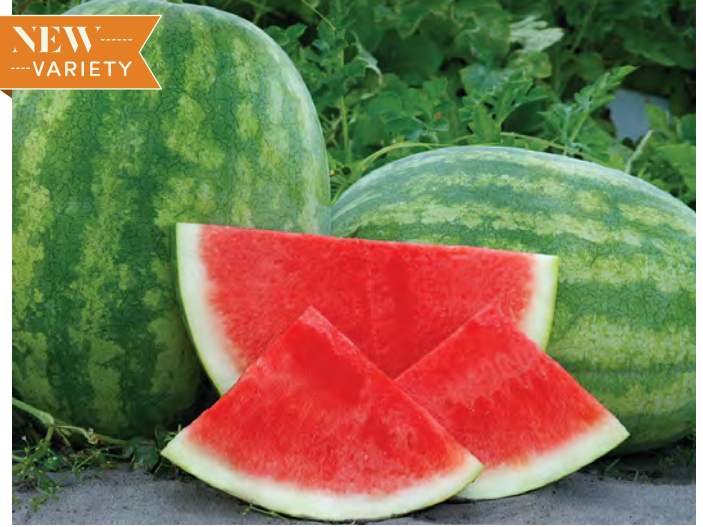
TOPPER
Turnip

Variety	Days to Maturity from Direct Seed	Root Characteristics	Leaf Characteristics	Uses & Remarks
GREENS:				
Alamo F1	33	Tapered; No usable root for harvest	Broad, smooth	Excellent yields and vigorous regrowth ability. Moderate bolt resistance.
All Top F1	35	Tapered	Broad, erect, long petioles	High yielding with vigorous regrowth. Moderate bolt resistance. Develops strong root system, making it good for organic growing.
Topper F1	36	Medium-small, pale green, top shaped	Deep green, large, broad, serrated leaves	Vigorous regrowth ability for up to three additional harvests after initial cutting. Good bolt tolerance.
ROOT:				
Purple Top White Globe	55	Bright purple crown, white below; 4-6" globe	Dark green, smooth, cut leaves	Attractive, sweet tasting roots and prolific greens; a home garden standard variety.
Royal Crown F1	50	Large, slightly flat round, purple top with white bottom	Small, smooth, deeply lobed, short petioles	As compared to O.P. varieties: Excellent bolt resistance. Roots grow fast but maintain high interior quality despite large size.
Southern Green	33	Small, short	Smooth, large	Has high bolt resistance and excellent regrowth for larger yields.
White Lady F1	28-35	Medium, flat round, white, 4-5"	Erect, serrated leaves	Asian type with excellent flavored roots and greens. Tolerant to pith even at larger root sizes.



BELMONT Watermelon

Belmont is our first variety in a new generation of small-sized seedless watermelons. It is a perfect fit for the fridge at only 6-8 pounds. The deep red flesh is very sweet and juicy and has a pleasantly firm texture. Belmont features an extremely strong and vigorous vine with excellent yield potential for multiple fruits in just 90 days. For best results, use a Sakata early pollinizer when growing this variety.



SECRETARIAT Watermelon

This beautiful watermelon represents our next generation of breeding! Secretariat is an early-maturing variety that is very high yielding. It offers a smooth, medium-green exterior with green stripes and has a nice round-oval shape. Interior characteristics include tiny pips and firm, crisp, deep red flesh.



ECLIPSE Watermelon

Eclipse may just be the perfect seedless watermelon! This 10-12-pound Icebox/Sugar Baby type has-it-all flavor, texture, color, juiciness and yield. Once you have eaten Eclipse, you will never go back! Fruits are round, heavy for their size and have dark exteriors with very faint stripes. Eclipse is early maturing at about 80 days. Be sure to plant with an early pollinizer – we recommend Wild Card Plus.



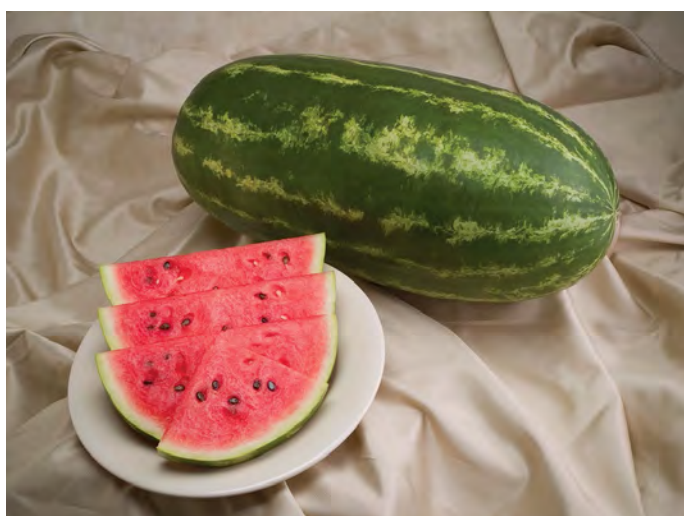
YELLOW BUTTERCUP Watermelon

Known for its great eating quality, Yellow Buttercup is a bright-yellow flesh seedless watermelon with crisp texture and sweet flavor. The 14-16 pound fruit are round-oval in shape and have dark green stripes on a light green background. Plant with a pollinizer. Choosing a pollinizer that we have developed, like 'Ace', has shown to provide better yield and quality results.



SWEETIE PIE Watermelon

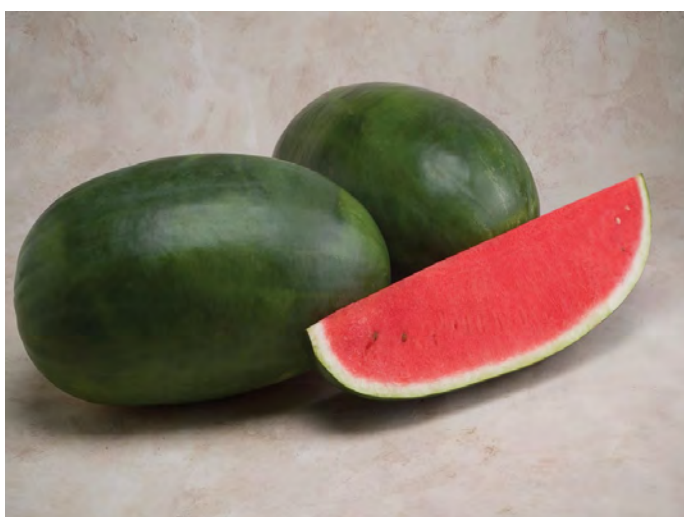
Sweetie Pie is a large 13 pound-average sugar baby- type, with knock-out sweet flavor, slightly crunchy texture and very juicy flesh! Fruit have a dark green, thin, shiny rind. Interior color is dark red and very sweet. Harvest when tendrils are dry near the stem, the bottom spot is yellow, and the fruit has a hollow sound. The convenient 'not-too-big' size and the unparalleled flavor and texture makes Sweetie Pie our personal favorite!



FANTASY Watermelon



WILD CARD PLUS POLLENIZER



VERDE GRANDE Watermelon



ACE POLLENIZER


Variety	Type	Days to Maturity from Transplant	Size / Shape	Flesh	Rind	Disease Resistance	Uses & Remarks
SEEDLESS (TRIPLOID):							
Belmont F1	Mini	90	6-8 lb / Round oval	Deep red	Very dark green with medium green stripes	IR:Co:1/Fon:1	Very sweet; extremely strong vines with excellent yields.
Eclipse F1	Sugar Baby	80	10-12 lb / Round	Deep red	Black green, smooth	-	Small icebox size and exceptionally sweet and juicy with a great crunch.
Secretariat F1	Crimson Sweet	80	16-20 lb / Round oval	Bright red	Medium green with wide green stripes	-	Early maturing seedless with good setting ability in cooler weather.
Yellow Buttercup F1	Jubilee	90	14-16 lb / Round oval	Bright yellow	Dark green background with green stripes	-	Bright yellow flesh with excellent eating quality.
SEEDED (DIPLOID):							
Fantasy F1	Allsweet	87	24-26 lb / Long blocky	Bright red	Dark green background with light green stripes	IR: Co: 1 / Fon: 1	Large, uniform fruit with very sweet flesh.
Sweetie Pie F1	Sugar Baby	75	11-15 lb / Round	Dark red	Black green background, smooth	-	Knock-out sweet flavor, slightly crunchy texture and very juicy flesh!
Verde Grande F1	Picnic	85	20-25 lb / Long blocky	Deep red	Uniform dark green	HR: Fon: 1	Crisp, sweet flavor. Strong, vigorous vines provide excellent sun protection. Consistent yields.
POLLENIZER:							
Ace	Non-harvestable Pollinator		Round oval	Red	Light green with medium green stripes	-	Non-harvestable pollinator. Plant along with Seedless types.
Wild Card Plus F1	Non-harvestable Pollinator		Round oval	Yellow	Light green with medium green stripes	IR:Co:1/Fon:1	Non-harvestable pollinator. Plant along with Seedless types. Early flowering.


Sakata highly recommends using our Ace or Wild Card Plus as pollenizers because their early and prolonged flowering matches the early full flowering of our triploids.

Disease terminology: HR = High Resistance, IR = Intermediate Resistance. Disease code: Co - Anthracnose, Fon - Fusarium wilt.

Did you know?


\$578.8
 MILLION
 in US watermelon sales in 2016.


 2013 2014
51% TO 85%
SEEDLESS
 watermelons
 market share of is
 on the RISE.


76%
 of watermelons
CONSUMED
 domestically come
 from U.S. growers.

DEFINITIONS OF TERMS USED TO DESCRIBE REACTIONS TO PATHOGENS, PESTS AND STRESSES

The terms used in this catalog to describe the reactions of varieties to various diseases, pests or stresses are consistent with those developed and used in the sciences of plant pathology and plant breeding.

Immunity:

Not subject to attack or infection by a specified pest or pathogen.

Resistance:

Resistance is the ability of a plant variety to restrict the growth and development of a specified pest or pathogen and/or the damage they cause when compared to susceptible plant varieties under similar environmental conditions and pest or pathogen pressure. Resistant varieties may exhibit some disease symptoms or damage under heavy pest or pathogen pressure.

Two Levels Of Resistance Are Defined:

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

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

Tolerance (T):

The ability of a plant variety to endure abiotic stress without serious consequences for growth, appearance and yield.

Susceptibility:

The inability of a plant variety to restrict the growth and development of a specified pest or pathogen.

Resistance claimed in a plant variety is limited to the specified biotype, pathotype, race or strain of the pest or

pathogen. Statements on the reaction of varieties to a specific pathogen, pest or stress are based on evaluations made under defined conditions and are believed to be reliable. However, it is important to understand that these reactions can be affected in nature by environmental, biological (e.g., new pathogen races or pest biotypes which overcome resistance), or other uncontrollable factors that may alter expected performance, and thus are not covered by the original resistance claim.

Note:

Maturity date, unless specified for a particular location, provides a range of earliness. These maturity dates may be different under your specific climate and/or growing conditions.

Disclaimer:

Any representations and other information are based on our observations and/or information from other sources. Crop performance depends on the interaction between the genetic potential of the seed, its physiological characteristics, the environment, including management, and other uncontrollable factors that may alter expected performance. Triploid hybrid watermelon varieties will, on occasion, produce white and hard, dark vestigial seed coats and, therefore, are not warranted to be completely “seedless”. Statements concerning the reaction of varieties to a specific pathogen, pest or stress are based on evaluation under defined conditions. These reactions can be affected by changes in environmental and biological factors, especially new pathogen races, pest biotypes or vectors of disease agents. SAKATA GIVES NO WARRANTY, EXPRESS OR IMPLIED, FOR CROP PERFORMANCE RELATIVE TO THE INFORMATION GIVEN; NOR DOES SAKATA ACCEPT ANY LIABILITY FOR ANY LOSS, DIRECT, INDIRECT, OR CONSEQUENTIAL, THAT MAY ARISE FROM ANY CAUSE. Please read all seed package labeling carefully to understand the terms and conditions of sale.

Product Warranty:

Sakata Seed America, Inc. (“Sakata” warrants that the seeds in the container are as described on the container or container label, subject to tolerances established by law. THE FOREGOING EXPRESS WARRANTY EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ORAL OR WRITTEN, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR WARRANTY AGAINST INFRINGEMENT. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION on the container or container label. Due to events outside the reasonable control of Sakata, including (but not limited to) adventitious pollen contamination due to pollen drift caused by wind and/or insects, SAKATA DOES NOT WARRANT THAT THE SEED PRODUCED BY SAKATA IS COMPLETELY FREE OF GENETICALLY MODIFIED ORGANISMS. ANY PERSON WHO BUYS, RECEIVES, PLANTS OR USES THE SEED (COLLECTIVELY THE “RECIPIENT”) ACKNOWLEDGES THAT SAKATA EXCLUDES ANY WARRANTY AS TO COMPLETE FREEDOM FROM THE PRESENCE OF ANY GENETICALLY MODIFIED ORGANISMS. By accepting the seed, opening the seed container, retaining, planting and/or using the seed, Recipient agrees that Sakata’s liability and Recipient’s exclusive remedy for any breach of warranty claim or any claim based on any other or different legal theory, SHALL BE LIMITED, IN ALL EVENTS, TO A RETURN OF THE PURCHASE PRICE OF THE SEED, AND IN NO EVENT SHALL SAKATA BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. All claims must be presented within a reasonable time after discovery and in no event more than thirty (30) days after the defect in the seed becomes apparent. Any illustration on the container label represents only the kind of crop. Variety may differ from the illustration in color, shape, and size. Unless accepted on the foregoing terms, Recipient shall return the seed in the original unopened container within 15 days of purchase for a refund of the purchase price.

A Arugula	8	O Okra	39
B Basil	22	Onion	39
Bean	9	P Pak Choi	40
Beet	10	Parsley	41
Baby Broccoli	9	Pea	41
Broccoli	12	Pepper	42
Bunching Onion	39	Pumpkin	52
C Cabbage	12	R Radish	54
Cantaloupe	36	Rutabaga	56
Carrot	16	S Spinach	56
Cauliflower	18	Summer Squash	58
Chard, Swiss	62	Sweet Pepper	46
Chinese Cabbage	19	Swiss Chard	62
Cilantro (Coriander)	22	T Terms	76
Collard	20	Tomatillo	64
Cucumber	21	Tomato	64
D Dill	22	Tomato, Cherry	64
E Eggplant	21	Tomato, Cocktail	66
H Herbs	22	Tomato, Grape	66
Honeydew	36	Tomato, Roma (Paste)	68
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Lettuce	31	Winter Squash	59
M Melon	36	Z Zucchini	58
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Mustard	38		



Two butternut squashes are shown lying horizontally on a dark, weathered wooden surface. The squashes are a light orange color with a smooth texture. The background is a dark wooden plank with visible grain and knots. The top squash is slightly above the bottom one, and both have their green stems attached at the right end.

SAKATA[®] Home Grown

VEGETABLE SEED CATALOG

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