



New Varieties For 2023



Beans: Heat Set



PV857

- Standard, tried and true – the industry standard for heat resistance
- Carries rust, one of the few with rust resistance – you will see this as Ua
- High yielding
- Long pods 6”, you will like the quality
- Strong heat set ability, will hold flower in July and August



Lunar NEW

- Alternative to Greenback
- 857 style pod
- Shines in the main harvest slot as it combines heat set and rust resistance
- Also works for September harvests

Beans: Cool season



Jaguar

- Early season plantings – used to start the season and can handle early season heat – can be used as an alternative to 857
- 56 days
- Tall and upright plant
- Pod quality similar to 857 and can be considered better



Sanford NEW

- Best slotted for use in cooler slots – used to start the season
- 56 days
- Vigorous plant that is adapted to cooler slots
- High pod placement on plants
- Does not handle main season heat

Beans



LaSalle(5107)

- Very dark pods, tender
- Typical upright plant
- Bush is open – we think this may help provide less opportunity for disease
- Clean harvest
- 54 days
- A lot of disease resistance - BBS, Halo, BCMV
- Moderate heat tolerance



Home Run

- Jade type bean used for hand pick or multiple-pick settings
- Continuous setting
- This is a longer style pod, 6 -7"
- 56 days
- Upright plant to help make hand-harvesting easier
- Slightly darker and longer pods than Jade

Broccoli



Eastern Crown

- Still a favorite and strong performer in this area! Our #1 broccoli.
- We generally like it best when slotted early to main season harvest but is widely adapted
- Earlier than Emerald Crown – holds well for an early variety – will hold onto its dark green color even in heat
- Can be used in the same main season slot as Emerald Crown
- Compact uniform head
- A good choice for overall success
- 60 days

Broccoli – Ends of season slotting



Jet Dome

- Earlier than Lieutenant
- Crown cut
- Shows good color in heat
- Can be used as first early in spring and in the fall slot, can also be extended into summer as it has shown heat tolerance
- Smooth head with fine beads
- Holds well in the field for its early maturity



Fortress NEW

- Slotted for fall harvest: we recommend seeding mid-July for the last harvest of the fall season.
- Large heads, small beads
- Healthy plant for late season with Alternaria resistance
- Long season, 83 days

Broccoli – More on Fortress

- If you have used Avenger, Arcadia or Expo, Fortress fits that cold tolerant slot for harvesting in November. In our trial Fortress was transplanted August 10 and I saw it November 14th. All but one row of the trial was 100% cut so I think it may have been ready Nov. 7. (Broccoli holds really well at this time of year)
- Fortress has Alternaria – pin rot resistance and will not purple (stays a nice deep green).
- The head extends to the top of the plant so will be good for bunching if planted at a high density. As a crown cut, it is fancy enough to work for Asian Crown cut.
- It was 100% uniform and harvestable in his trial.



Cabbage

Botran

- Fresh market main season, a few days later than Bronco
- For those seeking BR – BR higher level than Bronco
- Makes box count easy – for super market boxing. Won't oversize. Grocery store box count is trending toward a higher box count.
- Botran is 12 – 20 count



Cauliflower



Alcala

- Use for late spring and fall plantings
- Key point – fully self – wrapping at 12 count size. Head is hidden. May need to be tied if heads continue to size beyond 12 count. Solid head.
- Slightly later than Freedom, earlier than Flamenco
- Good heat tolerance
- 69 days



Fujiyama

- Will grow over summer heat – makes a medium size head
- Partially self –wrapping: best to tie leaves

Cauliflower – End of Season Slotting



Toledo

- For maturing in cool weather – use to end the season
- Plant is very large and is completely self-wrapping – heads will stay bright white
- 7” heads, 75 days
- You will see a concentrated/uniform maturity

Cauliflower, Specialties



Clementine

- A lovely new intense orange cauliflower
- Offered as a companion to Flamestar
- Works well in fall harvest slot. Spring performance is an unknown.
- Field-holding similar to Flamestar
- 66 days so a few days earlier than Flamestar

Vitaverde

- A green cauliflower for spring
- Companion to Susana as Susana is for fall use only
- These are large & heavy heads with excellent color

Corn sh2 Bicolor

Basic program for Roadside

Early (*plantings 1,2*) – Bolt XR, Kickoff XR, Solstice, Anthem XR, Signature XR

2nd Early (*plantings 2,3*) – Rosie (for quality, 74 days) or Awesome (for ear size, 74 days), Xanadu (75 days)

Main (*plantings 3,4,5*) – Kate (77, eating quality), Coastal (76 days, handles stress), American Dream (77 days)

Full season (*5 to end*) – Obsession, 7143 (more disease resistance, 80 days,

Corn sh2 Bicolor – Early

Bolt XR **NEW**



- New first early at 67 days
- Bolt's key advantage – 3 days earlier than Kickoff without sacrificing quality
- Smaller ear size than Kickoff, 7 – 7.5"
- Strong tip fill and good cover for early corn

Corn sh2 Bicolor - Early



Catalyst XR

- 66 days
- Comes up amazing out of cool soil – but you are sacrificing flavor/texture. Pericarp is tough. Kickoff or Bolt XR are better choice.
- Good plant size (6') for this slot and good ear height
- Larger ear for early slot (7.5-8")
- Gets you harvesting earlier if you had been using Anthem or 2171 for your first early.

Corn sh2 Bicolor – Early

Kickoff XR



- First early at 69 days, a solid choice
- Good for seed quality and good ear size – 8” – for and early
- Good cold soil tolerance - Will work under plastic. Still an sh2! Marginal success if planted March and early April in 40 degree soil!
- Cold soil emergence as strong as ses
- We have seen strong tipfill
- Gets you harvesting earlier if you had been using Anthem or 2171 for your first early.

Corn sh2 Bicolor – Early



Solstice

- 70 days
- Strong emergence
- Sh2i – this means the seed you plant has more starch/food reserves in it and better seed quality/ more vigorous
- Kickoff alternative if for some reason you don't like Kickoff
- Not a major improvement but does as well in the early sh2
- Not XR
- Crookham

Corn sh2 Bicolor – Early and Early Main



Anthem XR

- Strong grower – first 1-2 plantings, will extend into main season
- Widely adapted for an early
- Widely used for both early and early main season.
- Excellent eating quality
- Can be shipped
- 72 days

Corn sh2 Bicolor – Early and Early Main

Signature XR



- **Newer** and worth looking at if you want an Anthem alternative
- Another choice but not a major improvement over Anthem in terms of overall performance – it does have better eating Q
- IFS
- 72 days
- Exceptional eating quality & tenderness – this would be a step up from Anthem XR
- Good field holding ability
- “XR” means rust resistance. HR: Rust(GDJ)

Corn sh2 Bicolor- Early Main

Rosie



- 74 days
- Large ears for early main
- We see use in Canada, New York, New Jersey, PA
- A top quality item for eating quality, high quality
- Used as a 3rd planting variety before heading into main season or use as a rain gap filler for main season
- Used as an Awesome alternative but does not have disease package for long season use
- No disease resistance

Corn sh2 Bicolor – Main



Xanadu

- Another fantastic one for main season – this is crisp with high sugars
- High sugars from special genetics, sh2i gene
- Used for exceptional eating Q in the main slot; eating Q nearly as good as Kate
- This is an improved – remix of Nirvana
- Nirvana eating quality on a better plant.
- 75 days
- 7.5- 8” ear. Does not extend into full – late season due to ear length shortening up
- Disease package is rust and NCLB
- (Nirvana is a dropped item)

Corn sh2 Bicolor - Main



Kate

- Notable for its top notch eating quality
- A roadside variety – not for shipping. Can make flat tips, but so far has not been a major complaint with roadside growers.
- Do not ship-do not crate. Will sell at auction.
- Can still see flattened tips but so far no rejections. Dry weather?
- 77 days

Corn sh2 Bicolor - Full



American Dream

- 77 days
- Replacement for 277A
- Looks and acts like 277A, smaller plant
- Strong tipfill and tight cover, shorter ear length 7.25"
- Like 277A, cover is short but tight
- Similar tender and sweet flavor
- Not quite as yummy as Kate
- Used by growers who are looking for a Kate-alternative that can be boxed. Also easy to pick.

Corn sh2 Bicolor – Cadence – Full for Crate or Freshmarket



Cadence XR

- Listed as a shipper variety but can make the transition to fresh market use if you are looking for a late season variety with a tough plant
- Eating quality is good – but not as good as Kate
- 78 days

Corn sh2 Bicolor - Shipper



Coastal

- Shipper only, high productivity for crating, short shank & higher quality for shipping
- Crate corn, not freshmarket
- Handles stress well
- 76 days

Corn sh2 Bicolor – Not for this area

- Crave - 78 days – has not performed well in NJ-PA; medium quality. Does make a large girthy ear.
- Skyray – 78 days – sometimes works. Can be prone to lodging
- Tempo – NEW, 76 days, unsure for this area – mixed reviews last year

Corn sh2 White

Basic Program

Not all have rust resistance

- Early - **Leadoff MXR**, Endurance MXR, Freedom MXR, Nicole
372A – Gone
- Early main -Freedom for 3rd planting slot
- Main season (July, August harvest)- Eden RMN, Glacial, American Beauty, 378A (378A does not extend well into full season)
- Full season (September harvest) – Devotion, Coronado, Glacial
- Last planting – Devotion, Coronado(does well due to rust resistance)

Corn sh2 White - Early

Leadoff MXR **NEW**



- 68- 69 days – a new record for early maturity in a white sh2
- Sister/ white version of Kickoff
- Performs well in this area and did well last season
- High quality flavor and very tender, strong cover
- Rust plus MDMV
- **Also consider as a 372A replacement. There is no 372A.**

Corn sh2 White – Early



Freedom MXR

- 73 days
- Sister/ white version to Anthem XR
- Adaptability and strong ear package like Anthem
- High quality flavor and very tender, strong cover
- Rust plus MDMV
- Also consider as a 372A replacement. There is no 372A.

Corn sh2 White – Early



Nicole

- 72 days
- 372A class, use as 372 replacement. **Cold germ not as good as 372.**
- Large ears for an early white, approx. 8.25"
- Better eating quality
- Packs well in crates – solid uniformity

Corn sh2 White – Main season



Eden RMN

- Our best eating white supersweet, crisp with high sugar
- Replaces the old version Eden with better plant, better ear size (7.5 – 8.5”) and better disease
- Bred for emergence and seed quality - Strong seed quality and vigor, thanks to the sh2i gene
- 75 days
- Disease = rust, NCLB

Corn sh2 White – Main



American Beauty

- White version of American Dream.
- Used as 377A replacement but has limited disease resistance – no rust so watch late season use
- Same good eating quality as American Dream – very tender and sweet
- Strong tipfill
- Tight husk cover
- 77 days
- IR: NCLB but no rust

Corn sh2 White – Main to Full Season

Glacial



- Bright white kernel
- 78 days
- A good grower - Dark green package with good cover and strong tipfill
- Best eating quality of new white.
- Performs well for July/August/Sept harvest. Can use as a 378A alternative.
- IR: NCLB & Common rust

Corn sh2 White – Full season

Coronado



- 77 days
- Broadly adapted
- Suited to roadside due to long 8.5" ear and dark green package and flags
- Larger ear size – does not box well
- The white to grow if you want something easy to grow
- Holds well in cooler
- Can use/shines in Sept harvests and when extend into last plantings
- HR: Rust

Corn Se Bicolor

Basic program for Se's:

Early – Sweetness(68 days), Temptress (70 days), Evolution, Cuppa Joe

Second early and Early Main – Cuppa Joe, Temptress, Allure(75 days)

Main – Montauk(79 days) – for ear size
 Providence (80 days) – for quality
 Nectar (77 days) – quad sweet

Full/Late –Montauk and Providence

Corn Se Bicolor



Evolution **NEW**

- Early bicolor se – 72 days
- Cuppa Joe class with a high quality tasting ear – makes a smaller ear than Cuppa Joe but is worth looking at for quality

Corn Se Bicolor



Temptress

- Early bicolor se – 70 days
- Good ear height for early variety
- Strong seed vigor
- Good eating quality
- 8" ear
- Fancy genetics --Quad Sweet – 100% SE with 44% of the kernels containing high sugar genetics (as opposed to the 25% of Triplesweets)
- Can use as Sweetness alternative

Corn Se Bicolor



Nectar

- 77 days Quad sweet
- Good eating quality with lots of sweetness
- Used as a Providence alternative
- Take a look if you use Montauk or Providence – good eating quality
- Strong plant for late season
- No rust

Corn Se Bicolor



Big N Tender

- One of the most tender synergistic se's out there
- Girthy, 18 row count ears
- Huge ear but does not compare to Providence for flavor
- 7' plant
- No disease resistance
- 80 days

Cucumber



Traditional – Diamondback, Mamba, Python

Traditional with improved DM – Bristol, Brickyard

Longer fruit – Raceway, for late season + DMR

Cucumber – Pickles



Traditional – Eureka, Avenger
Newer Genetics – Supremo, Super Max

Lettuce and Basil



- Stryker romaine lettuce – Reliable for PA. Used for full size boxing.
- Blue Rock romaine – Full size heads for cartons
- Prospera CG1 – We need DMR for PA
- Prospera CG5 – DMR for pots. Genovese type. Carries DMR + Fusarium
- Devotion – DMR for pots and field
- Obsession – DMR for field



Peppers

40 count target, 54 place pack

Summary for Bells for MidAtlantic

Lots of new bells in catalog – bells with 1-10 bacteria resistance tend not to make size in the North “sketchy small”. Will require optimum conditions.

Focus varieties:

1. Playmaker – For best bacteria resistance + PHY. Use if you must have BLS 1-10.(ie if you know you have race 10 on your farm)
2. Turnpike – BLs 1-5 and 7-9 & PHY. Best combination of Phy and BLS resistance. Larger fruit size.
3. Paladin – Still used in areas of NJ where the strongest PHY resistance is needed.
4. Aristotle, Vanguard still being used
5. Revolution still being used
6. Captain – NEW. For extra large and Jumbo size. Alternative to Revolution.

Peppers



Captain **NEW**

- 73 days
- PHY and BLS 1-10
- Consider trying Captain if you are a Revolution or 1819 grower
- Large fruit, thick wall
- Produces extra large and Jumbo size fruit while showing good blockiness and consistency in shape
- Heavily walled fruit
- Open plant for easier harvest and less breakage, especially in crown set

Peppers



Sailfish

- Smaller pepper, 60 count or place-pack pepper
- We consider fruit to be high quality – thick walls, makes a nice red
- Used primarily for a 60 count red

Peppers

40 count target, 54 place pack

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Other varieties with PHY
resistance – Turnpike and 1819

Playmaker

- 71 days
- First to have PHY and BLS 1-10 – developed specifically for the Northeast
- Best choice for PA if you want 1-10 resistance
- 1819 level PHY
- Large fruit, 40 count on avg
- Playmaker should be managed like Aristotle since the plant and early maturity with concentrated set are similar. Small plant will need to be pushed.

Peppers



Turnpike

- Compares to 1819 with better fruit shape and a broader disease package of BLS resistance 1-5, 7-9
- Offers good Phytophthora resistance, perhaps among the best in the industry after Paladdin
- A keeper but can show half long tendency and a “hammered look”
- Thick and heavy
- 1819 type plant
- 72 days

Peppers



Sweet Mix

- The new Yummy Mix/ Snacking pepper type
- Red/orange/yellow in equal parts
- In stock in untreated for 2023

Pumpkins



Autumn Pearl

- Fast maturing. 90 – 100 days.
- 4-6 lbs, Cannonball class, tall-round shape
- 110 – 120 count in 24" bin or 140 – 150 count in 36" bin
- Clean attributes - dark color, great handle, distinct ribbing

Pumpkins



Olympus **NEW**

- 25 – 35 lbs, Rhea or smaller Cronus type
- Better setting ability than Rhea or Cronus
- Long handle with strong flare



Adonis **NEW**

- Considered an alternative to Tallon with its tall shape
- 25-40 lbs
- Distinctly long 9-10" handle
- Clean shape: smooth shoulder. This is a true tall and not a "barrel" shape
- Lighter setting and can be later to mature

Pumpkins



Justify

- 40 count: 16 – 24 lbs
- Eye catching handle with the ability to hold forever
- Clean, smooth shape and dark orange color



Sunrise **NEW**

- Actually a gourd but in the pumpkin section of the catalog
- Daisy shape, 1 lb fruit
- Has the color pattern of Spark-Blaze- Flame

Pumpkins – full line of specialties



Sand Ghost **NEW**

- Tan
- Nice square shape
- 7- 12 lbs



Spicy Mocha **NEW**

- Tan
- 15 lbs

Pumpkins



Baby Moon

- New white, similar to Blanco in size – 5 to 7 lbs
- True pumpkin look and handle – handle can be soft
- Very bright white and holds color in field
- 100 days and IR: PM



Icicle **NEW**

- 2-3 lbs
- Harvest like Moonshine – does not have the “stay white” gene

Summer Squash –



Renegade **NEW**

- For early yields - medium dark, lightly flecked zucchini
- An earlier version of Green Machine with earlier male flowering, 44 days
- Open plant has been a plus for growers for easier harvest
- Minimal spines
- PM, PRSV, ZYMV, CMV.



Tribute **NEW**

- Similar in type to Respect with an upgraded disease package for fall: PM, PRSV, ZYMV, WMV. Stronger against virus and PM.
- Upgraded disease package has give and take – Tribute yields less than Respect
- Not in catalog – we do have thiram and Farmore treat

Winter Squash - Butternut



Ceres NEW

- Early consistent boxer with Avalon maturity
- Clean variety – almost no culls and waste
- Very uniform



Waltham – Seneca strain

- The cleanest strain of Waltham available
- Farmore treat

Tomato

Tomato Program

Early – Primo Red, Red Deuce

Main – Red Bounty, Red Morning(makes good size, bigger plant, less prone to cracking)

Late – Mt Fresh Plus for fall

Grape –Smarty still strong, Ruby Crush

Romas- Pony Express, Marianna, Da Vinci

Hot Set – Grand Marshall

TSWV Being Seen in mid-Atlantic

Patsy- Red Deuce alternative with TSWV

Roadster – Primo Red alternative with TSWV

Red Snapper – Grand Marshall with TSWV

Will need less fertilizer/less N than Red Deuce – a heavy N program for Red Deuce will blow the crown set off of other varieties

Tomato



STM 2255

- Medium size fruit, largely 8 – 10 oz , up to 12 oz
- Does not give the high percentage of 12 plus oz fruit like Red Deuce
- For a high quality/extremely high flavor eating tomato, vine –ripe flavor
- Very red- crimson gene
- High price point
- 73 days
- TSWV

Tomato



Patsy

- East coast variety – consider as an alternative to Red Deuce with TSWV
- Will size close to Red Deuce but not as large –will not give the high percentage of 12 plus oz fruit like Red Deuce
- Dial back on fertilizer compared to Red Deuce program



Roadster

- Consider as a TSWV alternative to Primo Red
- 8- 12 oz
- 70 days
- Concentrated set
- Consistently shows good internal red color

Tomato



Mountain Gem

- 74 days
- A roadside or commercial variety with extra-large fruit and clean blossom end
- Very red, crimson
- From Randy Gardeners program
- Flavor is excellent
- Vigorous determinate plant
- Used for late blight resistance + TSWV
- Most success is with less fertilizer

Tomato



Ruby Crush

- Supply of Smarty is limited until new crop Feb 2023
- We are offering Ruby Crush as an alternative

Watermelon

Sweet Dawn as season starter.

Crackerjack as Melody alternative.

Fascination and Captivation still king for PA.

Captivation(45 ct) & Fascination alternatives (45/36 ct):
Bottle Rocket (36), Joy Ride (36), Road Trip (45),
new Guardsman (45/36)

Sierra Mare, El Captain – new for 36 count

Watermelon



Sweet Dawn

- A fit for the early slot & carries Fusarium resistance. A favorite.
- Sizes well in the early slot – 36/45 count. Earlier than Melody or Troubadour. Melody alternative with Fus resistance.
- Lighter rind
- Smaller vine, recommend pushing it. Troubadour has vigorous vine.
- Benefit – Conc set, growers like the easy harvest and easy pack
- 74 days

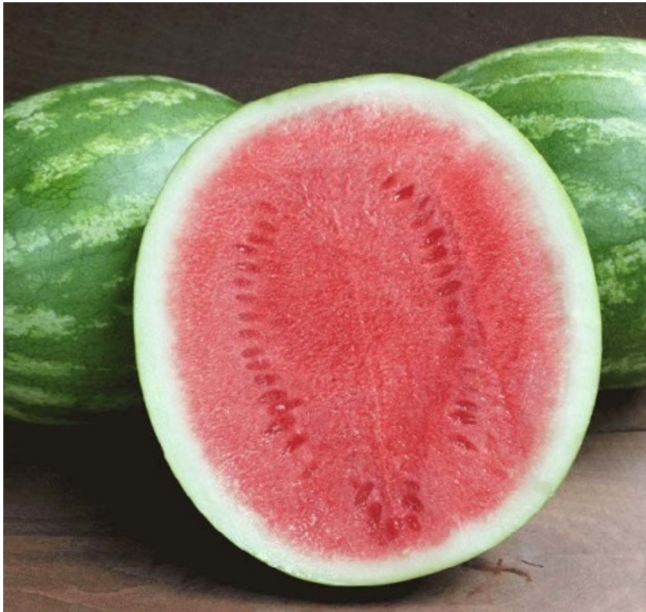
Watermelon



Crackerjack **NEW**

- 13-17 lbs – used for 45 count
- 80-82 days
- Deep red interior
- Very much like Melody in size, rind and interior are much darker than Melody
- Consistent quality over a range of conditions

Watermelon



Road Trip

- Earlier maturing, 82 days. Troubadour maturity.
- 45 count, 16 – 18 lbs.
- Benefits - Shows resistance to hollow heart, strong vine, Fusarium resistance (Troubadour does not have Fusarium)
- Paler, true crimson rind
- For roadside: use for interior quality and Fusarium resistance
- Used as filler along with Captivation and Fascination

Watermelon



Guardsman

- 85 days
- Used as a darker –rind Fascination type 45 count with Fusarium and PM resistance
- Blocky shape
- Benefits – Darker Fascination type rind, Strong Fusarium resistance, PM and strong vines
- 16-24 lbs

Watermelon – 36 count



Bottle Rocket

- 85 days,
- Used for 36 count melons , 18-22 lbs
- Benefit - Dark rind makes and easy market fit; preferred oblong shape
- Fusarium resistance
- Captivation alternatives

Watermelon – 36 count



Joy Ride

Popular with its strong vine and strong setting ability

- Strong later season performance, 86 days
- Used for 36 count/ 18-24 lbs and Fusarium resistance
- Strong grower with consistent setting ability

Watermelon



Blackjack

- Black rind, Icebox type
- Used as a Sweet Gem alternative – will have a slightly oval shape. Can still be binned.
- 15 – 23 lbs
- Comprehensive disease package = Fusarium, PM, Anthracnose

Watermelon



Tropical Sunshine **NEW**

- A new favorite for a yellow!
- True blocky round shape
- Darker rind than your typical yellow – jubilee type
- High sugars – 13%
- Deep yellow color
- 12 – 15 lbs
- 78- 80 days

Watermelon *Pollinators*

Ace Plus: Fusarium resistance, race 1.

Co-Pilot: Early and extended flowering. We love Co-Pilot.

Wild Card Plus: More pollen in each flower, Fusarium resistance, race 1.

Wingman: Early and extended flowering, vine does not compete with the seedless

Plus indicates Fusarium resistance

Using pollinators:

Use mix of both a 2N variety (Estrella, 8585, Sangria) and a short-vine pollinator –

- in ratios of 50% each , or
- 75% 2N and 25% in-row

Supply

- Kentucky Wonder 125 – Crop failure
- Cangreen – Crop failure
- Bolt XR – expecting short crop
- Fantastic – expecting short crop
- Devotion – expecting short crop
- Almagro – in house
- Expression – in house
- Minerva – discontinued by supplier
- Revolution pepper – delayed, ETA mid-December
- Small gourd mixes – Very short. Use Rupp Fancy Warded or Small mix.
- Smarty – supply limited until Feb 2023. Ruby Crush would be the alternative.