

HM • CLAUSE

TRIAL GUIDE

2020 International
Field Days
Davis, California



Welcome to our 2020 Field Day in Davis, California! Thank you for taking the time to join us.

We are very passionate about developing vegetable varieties that satisfy our customers' needs and preferences. This field day is customized to meet your expectation and we're excited to show you our rich lineup of new world-class varieties.

This year, we are facing a unique challenge with the unprecedented COVID-19 situation, which limits the ability of our customers to visit our field days in Davis in-person. Hence, we took it upon ourselves to bring our field days to you in a virtual way. Join us by visiting **www.hmclausefielddays.com**

Our goal is to provide the best, locally adapted products for every corner of the world. We can't do this without you. Please use this opportunity, either in-person or virtually, to connect and exchange ideas with our local teams. Your ideas and insights are important to us as they will help us deliver products that meet your needs and preferences in the future.

Either virtually or in-person, we're happy to spend some quality time with you. As a customer, we truly value our relationship and we thank you for your business!

Thank you and I hope to be able to meet you soon in-person!

Andreas Steiner
HM.CLAUSE Vice President
AMPA Region

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All HMX and other coded varieties are proprietary and for experimental testing only and are NOT FOR SALE. Any information provided is confidential and not for distribution.

Data and Disease Ratings are an average of results from various test locations. It is not a prediction of future performance, but a summary of past results. Your performance will vary depending on the actual environment, pathogen strain and management conditions in your field. HM.CLAUSE, Inc.'s Limitation of Warranty and Liability and Use Restriction is a condition of purchase of all HM.CLAUSE seed. To preview the Limitation of Warranty and Liability and Use Restriction, please visit the HM.CLAUSE, Inc. website found at www.hmclause.com or call for more information.



Melon

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HMC460056

- Mainly size 6's
- Very smooth exterior
- Highly uniform set
- High shipping potential/hard shell
- Performs well for size when Summer Dew gets too big

Disease Resistance Pending



HMC460061

- Very smooth exterior and nice, uniform shape
- Early Brix development
- Strong plant with heavy concentrated set
- Excellent post harvest conditions

Disease Resistance Pending



HMC460066

- Early maturity with excellent Brix
- Very uniform, smooth exterior, and concentrated set
- Early Brix and sweet taste in cool to warm plantings
- Well adapted to the hot, dry growing regions

Disease Resistance Pending



HMC460564

- Uniform fruit shape
- Very firm flesh with early Brix
- Strong plant and concentrated set
- Mainly 4's and 5's in Central America conditions

Disease Resistance Pending



HMX47D2514

- High yielding variety
- Early Brix development

Disease Resistance Pending



HMX47D3034

- Earlier 'Summer Dew' type
- Strong plant
- Early Brix development

Disease Resistance Pending



HMX47D3040

- Nice round shape with very firm flesh and early Brix
- Heavy concentrated set with very strong vine
- Wide adaptability
- Thrives in the heat; does well in Desert Southwest conditions

Disease Resistance

HR: Fom:0,2
IR: Px:1,2



SAMANTHA

- Well suited to desert growing conditions
- Produces attractive, round fruit; mostly 4's and 5's, with a few 6's
- Crisp flesh, medium seed cavity, and small blossom scar
- Good field holding capacity



SONORA DEW

- Early Brix development
- Strong plant and concentrated fruit set
- Uniform, high-yielding melon with smooth round oval shape
- Very sweet taste

Disease Resistance

HR: Fom:0,2
IR: Px:1,2



SUMMER DEW

- Widely adapted with a strong plant and concentrated fruit set
- Very firm flesh with high Brix
- Extended field holding capability
- Uniform fruit shape

Disease Resistance

HR: Fom:0,2
IR: Px:1,2

FEATURED PRODUCT



SWEET SPOT

"Sweet Spot is a new honeydew variety with a very strong vine, is widely adaptable, and has concentrated yields of melons in the 5's and 6's range. It has a very smooth exterior and good shape."
Kyle Ramsey, TSR, USA West

FEATURES

- Very strong vine
- Widely adapted
- Concentrated yields of 5's and 6's
- Smooth exterior with good shape

Relative Maturity	Main
Fruit Shape	Round slight oval
Fruit Size	5's and 6's
Flesh Color	Green

Disease Resistance

HR: Fom:0,2
IR: Px:1,2



JAMAICA

- Flavor, quality, and long shelf life
- Very attractive fruit, uniform large size with distinct suture and small cavity
- Excellent internal color and improved eating quality
- Strong vigorous vine

Disease Resistance

HR: Fom:0,1,2
IR: Gc:1 | Px:1,2,3,5



VENEZIA

- Heavy netting
- Good plant vigor and sturdiness
- Uniform size and shape
- Fruit holding advantage
- Good internals (small cavity, Brix, and firmness)

Disease Resistance

HR: Fom:0,1,2
IR: Gc:1 | Px:1,2,5



HM 4581

- Good internal qualities, high Brix, and firmness
- Strong Plant
- High yield
- Small sizes mainly 12's and 15's

Disease Resistance

HR: Fom 0,1,2

IR: Px 1,2 | VAT



HMC454080

- Good uniformity with concentrated set
- Sizes well in cool to warm plantings
- Early maturity

Disease Resistance Pending



HMC454110

- Very strong plant
- Concentrated set with high yield
- Mainly size 12's

Disease Resistance Pending

FEATURED PRODUCT



HMC454269

"A high quality, uniform, size 12 LSL harper cantaloupe. It features exceptionally round fruits, which the market is shifting towards, giving it a superior appearance over other melons that are typically elongated in shape."

Marc Beoshanz, TSR, Western USA

FEATURES

- Strong plant with concentrated set
- High yield potential
- Outstanding flavor profile
- Very uniform fruit, concentrated set of mainly 12's

Relative Maturity	Main
Fruit Shape	Round
Fruit Size	Mainly 12's
Flesh Color	Orange Flesh

Disease Resistance Pending

FEATURED PRODUCT



HMC454326

"HMC454326 is a new Harper LSL showing excellent internal qualities including early Brix and excellent flavor"
Juan Marroquin, Melon Breeder

FEATURES

- New Harper LSL, with excellent internal quality
- Early Brix and excellent flavor
- High yield and good field holding ability
- Strong plant with an uniform concentrated set

Relative Maturity	Main Season
Fruit Shape	Round slightly oval
Fruit Size	9's 12,s
Flesh Color	Deep orange color

Disease Resistance Pending



HMC454677

- Early maturing LSL
- Very high internal quality
- Very strong plant

Disease Resistance Pending



HMC454568

- LSL cantaloupe with improved internals
- High yielding mainly size 9's
- Concentrated set

Disease Resistance Pending



HMC454591

- High yielding
- Strong plant with concentrated set
- Nice internals and good field holding

Disease Resistance Pending



EARLYPAC

- Early melon for cool to warm/hot plantings, with early maturity and Brix development
- Large size fruit with excellent eating quality and attractive flesh color
- Good choice for a domestic market melon

Disease Resistance

HR: Ag | Fom:0,1,2

IR: Px:1,2



FIJI

- Robust flavor, high brix, firm flesh, and good netting
- Strong plant with a concentrated set and high marketable yield
- Identifiable maturity indicators
- Excellent field holding

Disease Resistance

HR: Fom:0,2

IR: Px:1,2



MEGAPAC

- Very uniform and high yielding with a vigorous vine and competitive resistance package
- Excellent fruit size for the spring and fall slots
- Well-netted with nice internals

Disease Resistance

HR: Fom:0,1,2

IR: Ag | Px:1,2

FEATURED PRODUCT



PRIME PAC

"Prime Pac is a harvest-friendly melon that’s all about the yield; it’s an early maturing LSL Harper cantaloupe that throughout our trials, has produced significantly more packable fruit over the leading competition, delivering more boxes per acre for growers; we’re excited about the results we’re seeing with this cantaloupe." Pat Sakamoto, TSR, USA West

FEATURES

- Early maturing melon offering excellent flavor in the early season
- Sizes well in cool to warm plantings
- Very uniform and heavily concentrated set

Relative Maturity	Early
Fruit Shape	Round slight oval
Fruit Size	9's and Jumbo 9's
Flesh Color	Orange Flesh

Disease Resistance

HR: Fom:0,1,2
IR: Ag | Px:1,2



TACANA

- Uniform and concentrated yield
- Excellent field holding
- Round / oval fruit shape and very good netting
- Excellent adaptability to heavy hormone use

Disease Resistance

IR: Ag | Px:1,2



TONGA

- Exceptional eating quality for an LSL-type cantaloupe
- Good external color development and netting
- Strong vine and disease package
- Excellent fruit uniformity and post-harvest quality

Disease Resistance

HR: Fom:0,1,2
IR: Px:1,2

FEATURED PRODUCT



SUN PAC

"Sun Pac is a new entry into the ESL market, bringing together the best of both worlds between a traditional Western Shipper and an LSL harper type melon."

Kyle Ramsay, TSR USA West

FEATURES

- Main season ESL with excellent field holding ability
- High-colored exterior with attractive internals
- Well-netted and very uniform

Relative Maturity	Main
Fruit Shape	Round
Fruit Size	Mainly 9's
Flesh Color	Deep Orange Flesh

Disease Resistance

HR: Fom:0,1,2

IR: Ag | Px:1,2



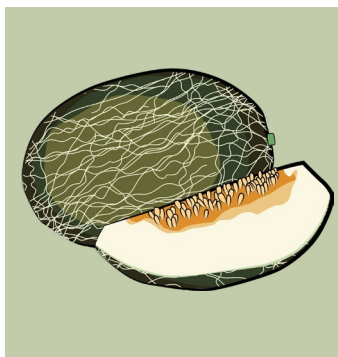
LA JOYA

- Small package packed with flavor
- Strong vine with good fruit set
- Aromatic fruit with external color change upon maturity

Disease Resistance

HR: Fom:0,1,2

IR: Gc:1 | Px:1,2,3,5 | Ag



MEDINA

- Nice shape and color under Brazilian growing conditions
- Uniform fruit and setting
- High Brix and good firmness

Disease Resistance

HR: Fom:0,1,2| MNSV

IR: Gc:1| Px:1,2,3,5 | Ag



E878

- Strong plant with good vigor and canopy
- Intense dark yellow external color
- Good Brix and firmness.
- Excellent post-harvest shelf life
- Main season maturity with size in 4's and 5's

Disease Resistance Pending



HMX45S1744

- Strong plant with high yields; great for open field plantings
- Uniform, strong netting with thin suture
- Nice internals, long shelf life, and good fruit holding

Disease Resistance

HR: Fom:0,1,2
IR: Ag | Px:1,2,3,5



BOSSA

- Good plant vigor
- Produces uniform fruit
- Nice fruit externals (skin color, good netting, and well filled shape/not lumpy)
- Very small cavity

Disease Resistance

HR: Fom:0,1,2 | MNSV
IR: Gc | Px:1,2,5



BRONCO

- Superior eating quality and excellent flavor profile
- Uniform size 9's
- Semi-concentrated maturity
- Fast closed/coarse net development
- Performs well in stressful conditions

Disease Resistance

HR: Fom:0,2
IR: Px:1,2



SANDSTONE

- Large, productive cantaloupe with mid-early maturity
- Vigorous plant
- Concentrated harvest
- Small seed cavity and thick flesh
- Well-netted exterior

FEATURED PRODUCT



CARDENCHE

"An outstanding Western Shipper type cantaloupe that has good yield potential for more profit and an attractive orange colored flesh"

Juan Marroquin, Melon Breeder

FEATURES

- Very early and concentrated cantaloupe with large fruit size
- Uniform slight oval fruit shape with firm, attractively colored flesh
- Well-netted with good yield potential

Relative Maturity	Early
Fruit Shape	Round Slight Oval
Fruit Size	Mainly size 9's
Flesh Color	Deep Orange

Disease Resistance

HR: Fom:0,2

NOTES

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A stylized, abstract illustration of watermelons and slices on a light purple background. The watermelons are depicted with thick green outlines and red interiors. Some slices are shown with black seed outlines. There are also pink, wavy, ribbon-like shapes scattered around the watermelon slices. The word "Watermelon" is written in a white, sans-serif font across the center of the image.

Watermelon

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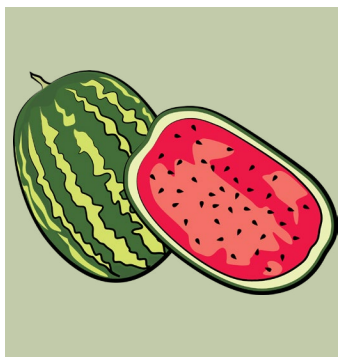
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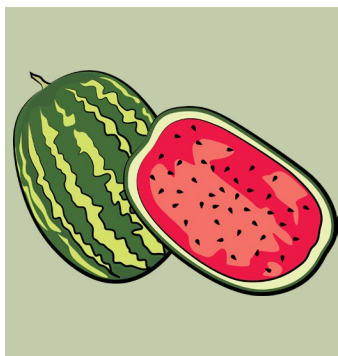
CELINE

- Blocky shape
- Suitable for early and protected production



HMC632072

- Early variety with concentrated yield
- Very large blocky fruit 12 -14 KG
- Very strong plant
- Uniform shape and size



HMC632011

- Strong plant with excellent yield
- Fantastic interior quality
- Very concentrated yield
- Large size with 12-14 kg

FEATURED PRODUCT



CRESCENDO

"After three years of trialling, we can say Crescendo is the best tasting watermelon variety on the market today."

Charalampos Paraskevopoulos, Export Sales Manager, Greece

FEATURES

- Blocky shape
- Suitable for early and protected production
- Good Flavor

Relative Maturity	Mid season
Plant Vigor	Medium to Strong
Fruit Shape	Blocky
Fruit Weight	10-12 KG
Rind Color	Crimson Sweet with dark background

FEATURED PRODUCT



EPICA

"An outstanding watermelon with excellent fruit shape and uniformity and really nice crisp red flesh for high consumer appeal."

Jon Gienapp, Product Manager, Watermelon

FEATURES

- Large, blocky, and very adaptable watermelon
- Strong vigorous plant with a concentrated harvest
- Excellent fruit shape and uniformity
- Nice internal quality with crisp red flesh

Relative Maturity	Mid-early
Plant Vigor	Strong
Fruit Shape	Blocky
Fruit Weight	24-30 lbs (11-14 kg)
Rind Color	Medium green with dark green stripes
Fruit Color	Deep red

Disease Resistance

IR: Co:1 | Fon (0,1)

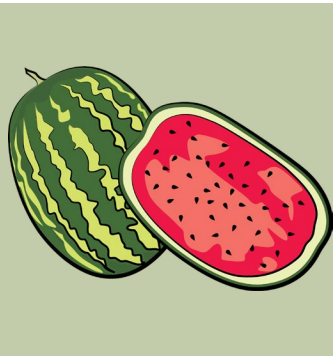


HMX63D6489

- Dark internal flesh color
- Large fruit size 14 Kg
- Medium vigorous plant ideal for grafting
- Small black seeds with tight seed cavities

Disease Resistance

IR: Co:1 | Fon 0:1



HMX63D7473

- Crimson Sweet with deep red flesh and uniform rind
- Slightly elongated shape with a length to width ratio of (1.4)
- Average fruit weight of 9 kgs

FEATURED PRODUCT



WALKER

"An excellent choice as a very large diploid watermelon. Its very dark exterior stripes sets it apart as a very classic looking watermelon."

Jon Gienapp, Product Manager, Watermelon

FEATURES

- Excellent fruit uniformity of shape and size
- High yielding with early maturity
- Strong vigorous plant
- High Brix, firm crisp flesh and excellent flavor

Relative Maturity	Mid-early
Plant Vigor	Strong
Fruit Shape	Elongated
Fruit Weight	26-30lbs (12-14 kg)
Rind Color	Green with dark green stripes
Fruit Color	Deep red

Disease Resistance

IR: Co:1 | Fon (0,1)



HMC633640

- Large uniform primarily 36 count fruit (18-20 pounds)
- Very early maturing fruit
- Excellent interior quality

Disease Resistance

IR: Co:1



HMC633646

- Large uniform primarily 36 count fruit (18-20 pounds)
- Very early maturing fruit
- Excellent interior quality

Disease Resistance

IR: Co:1 | Fon (0,1)



HMX63T7249

- Large fruit size (8-10 kg)
- Excellent internal flesh firmness and texture
- Classic Sugar Baby rind pattern

Disease Resistance

IR: Co:1 | Fon 0:1

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

FEATURED PRODUCT



TROUBADOUR

"A great option for Watermelon Growers looking for a consistent performer during hotter months, and with a unique ability to hold. Excellent interior quality with a dark exterior and flavor. This is the variety you want to bring home to your family."

Leo Camelo, Sales Manager , USA Southeast

FEATURES

- High brix with deep red color and dark stripes
- Crimson Sweet rind pattern with dark stripes
- Mid-early maturity and high yield potential
- Excellent interior appearance and eating quality with a strong vine

Relative Maturity	Mid-early
Plant Vigor	Medium
Fruit Shape	Blocky
Fruit Weight	14-17 lbs
Rind Color	Medium green with dark green stripes
Fruit Color	Deep red

FEATURED PRODUCT



TURNPIKE

"For those in the Market for a large rounder shaped Triploid Turnpike offers excellent internal flesh quality. Very uniform in size and shape with a 16-20 pound fruit that matures early. Each bite of these fruits taste exactly what you expects from a wonderful watermelon."

Leo Camelo, Sales Manager, USA Southeast

FEATURES

- Large, early-maturing fruit from 16-20 pounds
- Very uniform in size and shape
- Very aggressive plant vigor
- Excellent eating quality

Relative Maturity	Early
Plant Vigor	Very aggressive
Fruit Shape	Blocky
Fruit Weight	16-20lbs
Rind Color	Medium green
Fruit Color	Deep, rich red

NOTES

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NOTES

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Pumpkin

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FEATURED PRODUCT



KRATOS

“Competitors struggle to have an answer to the size, yield, and handle that Kratos gives growers.”

Michael Ferlito ,TSR, USA Northeast

FEATURES

- Large, firmly attached handle, perfect for picking
- Strong vine for optimal fruit health
- Potential for high yield

Relative Maturity	100 Days
Height	14 in
Diameter	13 in
Weight	20-30 lbs
Shape	Flat-round
Color	Medium-dark orange

Disease Resistance

IR:	Px
-----	----

FEATURED PRODUCT



HERMES

"A consistent quintessential Halloween Jack-O-Lantern pumpkin offered in a different size class. All systems are a "GO" on these for high yield for the grower and consumer happiness."

Karen Arlin, TSR, USA West

FEATURES

- Highly productive on semi-bush multi-fruited plant
- Uniquely strong Harris Moran handle
- Well-defined ribs and uniform size
- Good size for 50-60 count bins

Relative Maturity	90 Days
Height	10 in
Diameter	10 in
Weight	10-12 lbs
Shape	Medium round
Color	Dark orange

Disease Resistance

IR:	Px
-----	----



GLADIATOR

- High yield potential for more profit
- Vigorous plant for optimal fruit health
- Excellent orange color and shape for consistent results

Disease Resistance

IR: Px



MAGIC WAND

- Upright shape that offers an attractive classy appearance
- High yield potential for more profit
- Uniform shape and size for consistent results

Disease Resistance

IR: Px



ZEUS

- Large, firmly attached handle, perfect for picking
- Good yield on a strong vine for optimal fruit health
- Round, medium sized fruit with ribbing, attractive to buyers
- Consistent size, perfect for shipping

Disease Resistance

IR: Px | ZYMV

FEATURED PRODUCT



ORANGE SUNRISE

"Orange Sunrise has excellent heat-set and produces beautiful, uniform, orange fruit very quickly making it a home run variety for our growers."
Sue Colucci, TSR, USA Southeast

FEATURES

- Early maturing variety
- Good deep orange color where many precocious are neon orange
- Nice round shape

Relative Maturity	Early
Height	10 in
Diameter	12 in
Weight	12-18 lbs
Shape	Round
Color	Deep orange

Disease Resistance

IR:	Px
-----	----



FEATURED PRODUCT

HMC53D6821

"HMC53S6821 is a next generation mini developed for ease of harvest, yields, and quality!"
Ryan Kingma, TSR, USA Northeast

FEATURES

- Early setting Munchkin type fruit with a hard shell
- Precocious yellow trait protects against green speckling
- Aesthetically pleasing fruit, a perfect compliment to any Fall display!

Relative Maturity	Early
Height	2-3 in
Diameter	3 in
Weight	.5 lbs
Shape	Flattened/Scalloped
Color	Bright orange



CRUNCHKIN

- Ornamental scalloped, perfect for decorating
- Hard shell for improved shipping and storage ability
- Bush type plant habit for a more concentrated harvest
- High yield for more profit
- Attractive speckled exterior that darkens as it matures



MUNCHKIN

- Excellent ornamental mini pumpkin
- Early maturity
- Trim stems for easy packing
- Full vine with high yield potential
- Excellent bright orange color

FEATURED PRODUCT



HMX53D2801

"An eye-catching and delightful yellow pumpkin that adds a beautiful pop of color in any mixed bin"

Emily Kwok, Product Manager

FEATURES

- HM.CLAUSE’s Halloween pumpkin with the golden touch!
- High yielding carver with a golden color for autumn decorating.

Relative Maturity	Main
Height	12-14 in
Diameter	12-15 in
Weight	16-20 Lbs
Shape	Round
Color	Yellow

Disease Resistance Pending.



BUTTERFLY

- Excellent hybrid
- Very high yields of uniform fruit
- Excellent flavor and color
- Strong healthy semi-bush plant

Disease Resistance

IR: P_x

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NOTES

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NOTES

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Squash

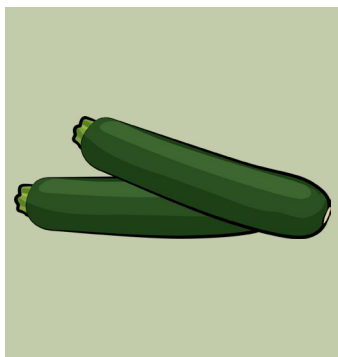
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EL GRECO

- Productive with good fruit quality
- High setting dark green fruit
- Open plant for ease of picking
- Good tolerance to cold conditions



HMC24181

- High yield
- High quality medium green fruit
- Good disease package

Disease Resistance

IR: Px | PRSV | WMV | ZYMV



HMC24939

- Excellent cylindrical shape in the heat
- Well adapted to the mid season/ heat setting windows in South
- Eastern USA
- High yield
- Good medium upright open plant

Disease Resistance

IR: Px | ZYMV

FEATURED PRODUCT



GLORIA

"Gloria is one of our strongest green squashes with it's fine fruit quality for protected cultivation"

Fabien Lauret, Product Manager, Squash

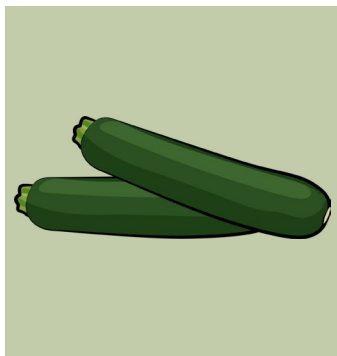
FEATURES

- Amazing, very uniform cylindrical, dark green fruit
- Very good parthenocarpic level for outstanding marketable yield
- Strong, upright and open plant

Relative Maturity	Mid
Plant Habit	Upright and open
Plant Vigor	Strong
Fruit Length	Medium
Fruit Shape	Cylindrical
Exterior Color	Dark green

Disease Resistance

IR: Px | WMV | ZYMV



HMX586539

- Nice long cylindrical green fruit
- Well adapted to processing
- High continuous yield
- Vigorous open plant

Disease Resistance

IR: Px | ZYMV

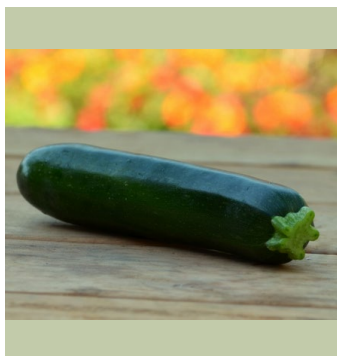


HMX588615

- Nice dark green uniform fruit quality
- Very high Potyvirus resistance on fruit and plant
- High yield, higher than Prestige
- Vigorous, upright semi open plant that is very adaptable

Disease Resistance

IR: Px | PRSV | WMV | ZYMV



ONYX

- High yielding green zucchini
- Strong vigorous plant

FEATURED PRODUCT



PASSION

“One of the best plant structures in our current portfolio, it stays erect and open making the harvest easy and extending the crop cycle.”

Christhian Pulido, Product Development Manager, Mexico

FEATURES

- Excellent uniform dark green fruit quality
- The parthenocarp level allows very high marketable yield even in the heat
- High yields and good plant habit

Relative Maturity	Early
Plant Habit	Upright and Semi Open
Plant Vigor	Strong
Fruit Length	6 in
Fruit Shape	Cylindrical
Exterior Color	Dark green

Disease Resistance

IR: Px



PRESTIGE

- High-yielding excellent quality dark green fruit
- Widely adapted
- Good post-harvest ability
- High yield of marketable fruit

Disease Resistance

IR: Px



RESPECT

- High quality dark green fruit
- Early and productive
- High yield
- Vigorous, open plant for easy picking

Disease Resistance

IR: Px | PRSV | WMV | ZYMV

FEATURED PRODUCT



TEMPTATION

“Temptation features really dark fruits and excellent quality for fall and winter cycles.”

Christian Pulido, PD Manager, Mexico

FEATURES

- High-yielding with appealing fruit quality
- Very nice dark green, glossy straight fruit
- Strong open plant
- Good virus resistance along with powdery mildew

Relative Maturity	Main
Plant Habit	Open, upright
Plant Vigor	Medium
Fruit Length	Medium-long
Fruit Shape	Cylindrical
Exterior Color	Dark green

Disease Resistance

IR: Px | PRSV | WMV | ZYMV

FEATURED PRODUCT



TRIBUTE

“Tribute has the potential for great yield and is an excellent choice for planting when a strong disease package is needed.”

Kristin Barrall, TSR, Northeast USA

FEATURES

- Very high yielding dark green fruit
- Medium upright plant with open vine
- Produces high yields
- Straight and cylindrical

Relative Maturity	Main season
Plant Habit	Open, upright
Plant Vigor	Medium
Fruit Length	Medium
Fruit Shape	Cylindrical
Exterior Color	Dark green

Disease Resistance

IR: Px | PRSV | WMV | ZYMV

FEATURED PRODUCT



CHABELA

"Chabela is an early grey squash with a great virus protection package, it's quickly becoming a great option for growers in Mexico."

Christhian Pulido, Product Development Manager, Mexico

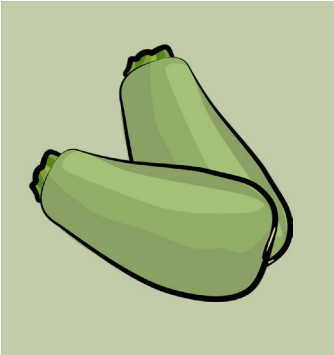
FEATURES

- Very uniform cylindrical fruit
- High yielding
- Strong plant and good virus resistance
- Extended harvest

Relative Maturity	Main
Plant Habit	Open, upright
Plant Vigor	Strong
Fruit Length	6 in
Fruit Shape	Cylindrical
Exterior Color	Grey

Disease Resistance

IR: PRSV | WMV | ZYMV



HMC24461

- Excellent fruit shape and color
- Very high yield
- Strong upright plant
- Stronger virus package

Disease Resistance

IR: PRSV | WMV | ZYMV



MACARIA

- Excellent uniform fruit quality
- Very high yields
- Strong upright plant
- Vigorous plant

Disease Resistance

IR: PRSV | WMV | ZYMV



LEBLON

- High yielding with strong productivity
- Strong semi-open plant
- Produces uniform, straight, cylindrical fruit with a darker color

Disease Resistance

IR: PRSV | WMV | ZYMV

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FIVE STARS

- Nice uniform shape
- Good yielder
- Strong plant with good leaf coverage for summer conditions
- Good virus resistance

Disease Resistance

IR: WMV | ZYMV

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HMX587454

- Reduced spine yellow straightneck
- High yielding
- Nice fruits

Disease Resistance

IR: PRSV | WMV | ZYMV



GOLDEN ROD

- Industry standout
- Good glossy golden color
- Impressive yields



LIONESS

- Big-time yield potential
- Attractive fruit
- Main season
- Great disease package

Disease Resistance

IR: PRSV | WMV | ZYMV

FEATURED PRODUCT



GOLDEN DRAGON

"Golden Dragon is the prefect compliment to HMC’s current portfolio of Golden Rod and Golden Arrow. It offers a medium vigorous plant while still offering high quality yellow fruit ideal for processing markets."

Jon Gienapp, Product Manager, Squash

FEATURES

- Newly adapted
- Excellent fruit presentation
- Open plant habit
- Easy to harvest

Relative Maturity	Mid
Plant Habit	Upright and semi open
Plant Vigor	Medium to strong
Fruit Length	Medium
Fruit Shape	Cylindrical
Exterior Color	Dark Yellow

The background is a vibrant orange with abstract, organic shapes in various shades of orange and red, resembling tomato slices and whole tomatoes. Some shapes have white outlines, giving them a hand-drawn or cut-out appearance. The text "Processing Tomato" is centered in a clean, white, sans-serif font.

Processing Tomato

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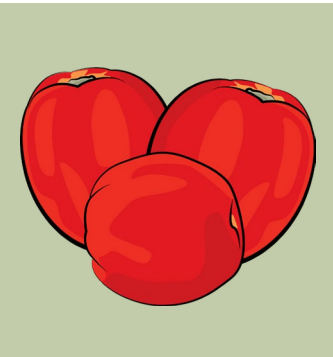


APRIX

- Excellent adaptability
- Uniformity and consolidated fruit set
- Good EFH

Disease Resistance

HR: Pst | Fol:0,1 (US:1,2) | Va:0 (US:1) | Vd:0 (US:1)
IR: Ma | Mi | Mj | TSWV:TO



ENOTRIO

- Super high yield
- Excellent Brix
- Strong EFH

Disease Resistance

HR: Pst | Fol:0,1 (US:1,2) | Va:0 (US:1) | Vd:0 (US:1)
IR: Ma | Mi | Mj

FEATURED PRODUCT



HM 4521

"HM4521 is an intermediate viscosity processing tomato variety with excellent adaptability and strong extended field holding."

Quinton Parker, TSR, Processing Tomato

FEATURES

- High yield
- Firm, uniform fruit
- Excellent adaptability and strong EFH

Relative Maturity	125 Days
A/B Fruit Col	2.14
Target Class	Intermediate
Raw Brix	5.20
EFH	Strong
Viscosity	Intermediate

Disease Resistance

HR: Pst Fol:0,1 (US1,2) Va:0 (US:1) Vd:0 (US:1)
IR: Ma Mi Mj TSWV:T0

FEATURED PRODUCT



HM 5522

"HM 5522 is an intermediate viscosity processing tomato variety that offers growers and processors high brix with excellent yield and superior peelability."

Darryl Haarberg, Sales Manager, Processing Tomato

FEATURES

- High yield and great color
- Very firm, uniform fruit
- Excellent peelability

Relative Maturity	124 days
A/B Fruit Col	2.27
Target Class	Intermediate viscosity
Raw Brix	5.52
EFH	No
Viscosity	Intermediate

Disease Resistance

HR: Va:0 (US:1) Vd:0 (US:1) Fol:0,1 (US1,2) For
IR: Ma Mi Mj TSWV:T0

FEATURED PRODUCT



HM 5235

"HM 5235 is an intermediate viscosity processing tomato variety that features F3 resistance, a large vine, and high yield potential for more profit"

Jeff Schouten, Product Manager, Processing Tomato

FEATURES

- High yield and great color
- Very firm, uniform fruit
- F3 resistance

Relative Maturity	124 Days
A/B Fruit Col	2.27
Target Class	Intermediate-F3
Raw Brix	5.52
EFH	No
Viscosity	Intermediate - F3

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1,2 (US1,2,3) | Pst

IR: Ma | Mi | Mj | TSWV:T0

FEATURED PRODUCT



HM 58801

"HM 58801 is an intermediate viscosity processing tomato variety with both F3 and EFH protection; it's both strong and adaptable, great for growers."

Jeff Schouten, Product Manager, Processing Tomato

FEATURES

- Strong and adaptable
- Very firm, large, and uniform fruit
- F3 resistance with EFH

Relative Maturity	125
A/B Fruit Col	2.33
Target Class	Intermediate F3
Raw Brix	5.17
EFH	Yes
Viscosity	Intermediate

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1,2 (US1,2,3)

IR: Ma | Mi | Mj | TSQW:T0

FEATURED PRODUCT



HM 58841

"A highly adaptable Intermediate viscosity processing tomato with an incredibly strong root system offering tolerance to many soil borne diseases." Jeff Schouten, Product Manager,

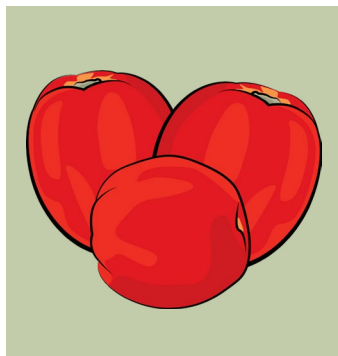
FEATURES

- Very strong vine and roots
- Good adaptability and healthy vine
- Uniform fruit and good EFH

Relative Maturity	125 Days
A/B Fruit Col	2.16
Target Class	Intermediate
Raw Brix	5.59
EFH	Strong EFH
Viscosity	Intermediate

Disease Resistance

HR: Va:0 (US:1) Vd:0 (US:1) Fol:0,1 (US1,2)
IR: Ma Mi Mj TSWV:T0



HM 58871

- Strong root system
- High yield
- Excellent peel recovery
- High Brix

Disease Resistance

HR: Vd:0 (US:1) | Fol:0,1 (US1,2)

IR: Ma | Mi | Mj | TSWV:T0



HMC627849

- Stacked resistances
- Excellent quality and color
- High Brix
- Great peelability

Disease Resistance

HR: Fol:0,1,2 (US1,2,3) | For | Pst | ToMV:0,1,2

IR: TSWV



HMC628237

- Intermediate segment tomato with combination of F3 and Fr
- Great adaptability and high yield

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,12 (US1,2,3) | ToMV:0,1,2 | For

IR: Ma | Mi | Mj | TSWV:T0

FEATURED PRODUCT



HMC627103

"HMC627103 is an intermediate viscosity processing tomato that offers early maturity for processors with high yield and good holding power for the grower."

Daryl Haarberg, Sales Manager, Processing Tomato

FEATURES

- Second early with highest yield and adaptability
- High Brix, thinnest in the trials
- Strong vine and concentrated maturity

Relative Maturity	117 days
A/B Fruit Col	2.17
Target Class	2nd Early - Thin viscosity
Raw Brix	5.76
EFH	Yes
Viscosity	Intermediate

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1 (US1,2)

IR: Ma | Mi | Mj | TSWV:T0



HMC628268

- Adaptability
- High yield for more profit
- Strong disease resistance package
- Excellent quality

Disease Resistance

HR: Vd:0 (US:1) | Fol:0,1,2 (US1,2,3)

IR: Ma | Mi | Mj | TSWV:TO



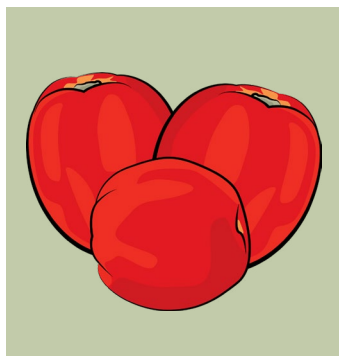
HMX61P6140

- Very thick
- High yield for more profit
- Medium Brix and good color
- Small, firm, uniform fruit
- Great adaptability

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1 (US1,2) | Pst

IR: Ma | Mi | Mj | TSWV:TO



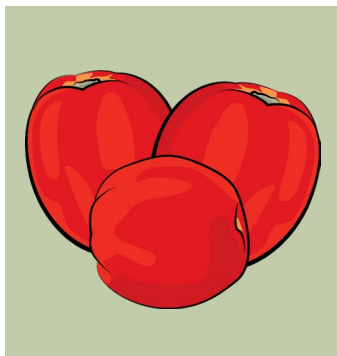
HMX61P6175

- Intermediate viscosity
- F3 resistance and EFH
- Maturity: 122 days

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1,2 (US1,2,3)

IR: Ma | Mi | Mj | TSWV:TO



ORSOROSSO

- Great adaptability
- High yield for more profit
- Strong EFH

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1 (US1,2) | Pst

IR: Ma | Mi | Mj | TSWV:TO



PIETRAROSSA

- Very versatile with great EFH and yields
- Mid brix
- High peel-ability/dice recovery
- Vigorous well balanced plant with intense internal color

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1 (US1,2)

IR: Ma | Mi | Mj



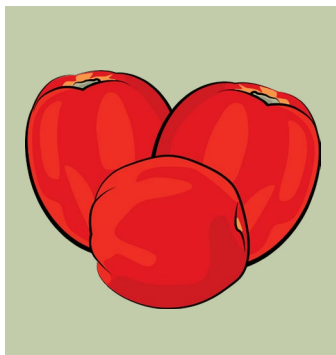
PUMATIS

- Adaptive early cycle variety
- Good color with exceptional quality
- Very high brix for factory recovery
- Uniform, medium sized blocky type

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1 (US1,2) | Pst

IR: Ma | Mi | Mj



SIMPONTUM

- Excellent adaptability
- High yield for more profit
- Excellent quality

Disease Resistance

HR: Fol:0,1 (US 1,2) | Va:0 (US:1) | Vd:0 (US:1)

IR: Ma | Mi | Mj | TSWV:TO



ZAFRA

- Compact plant with good fruit set
- Healthy vine with early maturing firm fruit
- Compact plant

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1 (US1,2) | Pst

IR: Ma | Mi | Mj



ZEPLIN

- Dual-purpose processing with adaptable plant type
- Good quality uniform fruit
- Used for sun dried production in some markets

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1 (US1,2) | Pst

IR: Ma | Mi | Mj

FEATURED PRODUCT



HM 5369

"HM 5369 is one of our pear type processing tomato varieties; it's firmness is very similar to that of one of our other varieties, HM 7885."
 Mauricio Alamo, Product Development, Processing Tomato

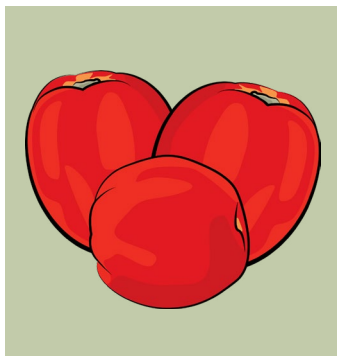
FEATURES

- Pear type with strong EFH
- TSWV resistance and good color
- Uniform size
- Firmness similar to HM 7885

Relative Maturity	125 days
A/B Fruit Col	2.16
Target Class	Processing Pear
Raw Brix	5.28
EFH	Strong EFH
Viscosity	Intermediate Pear

Disease Resistance

HR:	Va:0 (US:1) Vd:0 (US:1) Fol:0,1 (US1,2)
IR:	Ma Mi Mj TSWV:T0



HM 4890

- High yield
- Uniform fruit shape
- Excellent quality

Disease Resistance

HR: Fol:1,2 | Ma | Mi | Mj | Tswv:T0 | Va:0 (US:1) | Vd:0 (US:1)



HM 7885

- High yielding
- Very firm fruit
- Uniform fruit set
- Strong EFH
- Maturity: 122 days

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0 (US1)

IR: Ma | Mi | Mj



HM 8163

- Very high yield
- Large, firm fruit
- High Brix and good color
- Maturity: 122 days

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1 (US1,2)

IR: Ma | Mi | Mj | TSWV:T0



HM 4885

- Excellent combination of Brix and Bostwick
- High yield and strong EFH
- Healthy vine, strong roots
- Maturity: 125 days

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1 (US:1,2) | PST
IR: Ma | Mi | Mj | TSWV:TO



HM 58811

- Consistent high yielder
- Great combination of fruit firmness and strong EFH
- Maturity: 126 days

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1 (US:1,2)
IR: Ma | Mi | Mj | TSWV:TO

FEATURED PRODUCT



HMC625511

"A new, thin segment variety with F3 and Crown and Root Rot resistance. This variety offers tremendous yield potential with superior peelability."

Jeff Schouten, Product Manager, Processing Tomato

FEATURES

- Thin segment tomato with F3 resistance
- Superior performance, similar vine and coverage as DRI 319
- High Brix and lower Ostwald

Relative Maturity	125 days
A/B Fruit Col	4.48
Target Class	Thin - F3
Raw Brix	5.33
EFH	Yes
Viscosity	Thin

Disease Resistance

HR: Va:0 (US:1) | Vd:0 (US:1) | Fol:0,1,2 (US1,2,3) | For |ToMV

IR: Ma | Mi | Mj | TSWV

Notes

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Fresh Market Tomato

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BESTYA

- Strong and vigorous plant with excellent field holding
- Large and uniform fruits with attractive dark red color
- Has shown good results with lower planting density (40-50cm)

Disease Resistance

HR: Fol:0,1,2 (US1,2,3) | Va:1 (US:1) | Vd:1 (US:1) | ToMV:0,1,2

IR: Ss | Ma | Mi | Mj | TSWV:T0 | TYLCV



HMC610059

- Early stage variety in development

FEATURED PRODUCT



ATREVIDO (HMC610019)

“Atrevido F1 has shown very good adaptability in growing conditions with heat and high humidity in Central Mexico. Its strong resistance package, earliness, uniform ripening with attractive dark red color and overall agronomic performance, will place Atrevido at the top of the list”.

Jose Arauz, Tomato Product Manager, LATAM

FEATURES

- Strong plant with medium foliage cover and earliness
- Quality oval fruits with excellent firmness and uniform ripening
- TYLCV and TSWV resistant for a wider planting window

Maturity Slot	Early maturity
Fruit Shape	Elongated saladette
Fruit Size	Large
Fruit Color	Dark red

Disease Resistance

HR: Pst Fol:0,1 (US:1,2) Va:1 (US:1) Vd:1 (US:1) ToMV:0,1,2
IR: Ma Mi Mj TSWV:TO TYLCV

FEATURED PRODUCT



DAVINCI

“Davinci brings to the market the fruit quality the market demands but also the resistances needed for it to be successful across many growing regions. Adapted well for the East Coast USA market, Davinci is a great choice for your saladette program.”

Jason Burnie, Solanum Product Manager, AMPA

FEATURES

- Very high fruit quality demanded by the market
- Higher yield potential due to extended setting on the plant
- Very comprehensive disease package
- Crimson gene for great color and appearance

Maturity Slot	Early
Fruit Shape	Elongated saladette
Fruit Size	Large
Fruit Color	Bright Red

Disease Resistance

HR: Pst Fol:0,1,2 (US1,2,3) Va:1 (US:1) Vd:1 (US:1) ToMV:0,1,2
IR: Ss Ma Mi Mj TYLCV



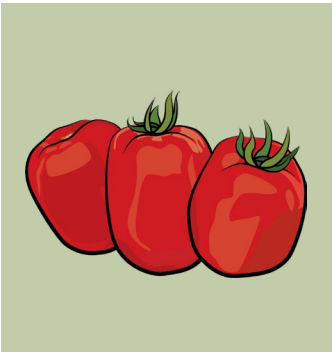
HMC610034

■ Early stage variety in development



HMC610060

■ Early stage variety in development



HMC610061

■ Early stage variety in development

FEATURED PRODUCT



TEMIBLE (HMC617969)

“Growers have found in Temible F1 a truly versatile determinate variety that can be grown staked and non-staked, producing large fruit size with outstanding firmness and shelf life, which is very important for long shipments”

Fidel Gaxiola, Sales Coordinator, Domestic Market, Mexico

FEATURES

- Strong determinate plant type for the Mexico market
- Large fruit size offering great yield potential
- Outstanding fruit firmness, uniformity and shelf life

Fruit Shape	Elongated saladette
Fruit Size	Large
Fruit Color	Red

Disease Resistance

HR: Fol:0,1 (US:1,2) | Va:1 (US:1) | Vd:1 (US:1)

IR: Ma | Mi | Mj | TSWV:T0 | TYLCV



HMC610063

■ Early stage variety in development



HMC618004

■ Early stage variety in development



HMC618774

- Early stage variety in development



EL REY

- Extra large firm fruit with very high yields
- Adaptable vine that can be used in staked or ground culture
- Strong healthy vine

Disease Resistance

HR: Pst | Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1)

IR: Ma | Mi | Mj | TYLCV



NATIVO R

- Excellent yield potential
- Very good disease package
- Strong plant for staked production
- Continuous set
- High-quality large fruit

Disease Resistance

HR: Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1)

IR: Ma | Mi | Mj | TSWV:TO



PERSEO

- Vigorous saladette with good plant health
- Good fruit quality
- Great uniformity in shape and size
- Great disease package

Disease Resistance

HR: Pst | Fol:0,1,2 (US1,2,3) | Va:1 (US:1) | Vd:1 (US:1)

IR: TSWV:T0 | TYLCV



PONY EXPRESS

- A perfect combination of earliness and high yield
- Very early compact plant suitable for ground and staked production
- Very concentrated heavy yield fruit with excellent color and firmness
- High pack out of large to extra-large fruit

Disease Resistance

HR: Pst | Fol:0,1,2 (US1,2,3) | Va:1 (US:1) | Vd:1 (US:1)

IR: Ma | Mi | Mj | ToMV:0,1,2



SERENGHETTI

- Saladette with great firmness and quality
- Medium earliness with extended production
- Strong and healthy plant with large, elongated and very uniform fruit
- Intense internal and external deep red color
- Very good firmness for storing and shipping

Disease Resistance

HR: Pst | Fol:0,1,2 (US1,2,3) | Va:1 (US:1) | Vd:1 (US:1) ToMV:0,1,2

IR: Ma | Mi | Mj | TSWV:T0



SERTAO

- Elongated saladette with excellent size and adaptability
- Strong plant for staked and ground production
- Good tolerance to bacteria

Disease Resistance

HR: Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1)
IR: Ma | Mi | Mj | TSWV:T0 | TYLCV



VERGEL

- Vigorous saladette with good plant health
- Excellent fruit quality
- Great uniformity in size and shape
- Vigorous plant with high yield potential

Disease Resistance

HR: Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1)
IR: TYLCV



HM 1794

- Large, round, smooth fruit with excellent color
- Good cover for ground production
- Determinate plant with high yield
- For main season cycles
- Excellent yield of high quality fruit

Disease Resistance

HR: Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1)

IR: Ma | Mi | Mj | TSWV:T0



TRINITY

- Good size distribution of extra large and large fruit
- Uniform fruit shape with high quality blossom ends
- TSWV resistance

Disease Resistance

HR: Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1)

IR: Ma | Mi | Mj | TSWV:T0



RED DEUCE

- Early maturing vine ripe tomato with exceptional quality
- Medium vigor plant with good foliage cover
- Early, high yielding variety for vine ripe harvest
- Extra large uniform smooth fruit with very good quality

Disease Resistance

HR: Aal | Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1) | ToMV:T0



RED MORNING

- Early to mid-maturing vine ripe tomato with added TSWV resistance
- Smooth, uniform, large fruit
- Medium sized strong plant

Disease Resistance

HR: Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1) | ToMV: T0
IR: TSWV:T0



CRAZY CHERRY

- Exceptional flavor and Brix
- Compact determinate plant
- Uniform high-quality fruit

Disease Resistance

HR: Pst | Fol:0,1 (US1,2) | ToMV:0,1,2



MOUNTAIN HONEY

- Delicious flavor and Brix
- Semi-determinate plant habit
- Excellent disease package and yield
- Uniform fruit shape
- 24-count pint/54-count quart

Disease Resistance

HR: Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1)
IR: Pi | TSWV:T0



AMUL

- Recommended for the Indian market
- Good heat setting potential
- TYLCV resistance

Disease Resistance

HR: Fol:0,1 (US1,2) | ToMV:0,1,2

IR: Ss | Mi | TYLCV



BRAVENCE

- Great early size potential off the first picks
- Continuous setting and extended yield
- Glossy red appearance and nice calyx attachment

Disease Resistance

HR: Fol:0,1,2 (US1,2,3) | Va:1 (US:1) | Vd:1 (US:1)

IR: Ss | Ma | Mi | Mj | TSWV:T0 | TYLCV



HM 0305

- High-quality mid-sized fruit
- Combines firmness and deep color
- Early mid-early season spring and autumn cycles
- Excellent disease resistance package

Disease Resistance

HR: Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1) | Lt

IR: Ss | Ma | Mi | Mj | TSWV:T0



PERSEPOLIS (HMC610029)

- A new introduction for the Middle East market
- Early maturing variety with very high fruit quality
- Deep red color and glossy appearance at maturity

Disease Resistance

HR: Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1)
IR: Ma | Mi | Mj | ToMV:0,1,2



JOLLANAR

- Main season variety
- Firm fruit with deep red color and flattened round shape
- Large to extra large sized fruit
- Good tolerance to cool conditions

Disease Resistance

HR: Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1)
IR: Ss | Ma | Mi | Mj | TYLCV



SALIMAH

- Spring and Summer production - early with extended production
- High yielding strong plant with good plant cover
- Firm and uniform fruit with deep color
- Good for staked and ground production

Disease Resistance

HR: Fol:0,1 (US1,2) | Va:1 (US:1) | Vd:1 (US:1) | Lt

IR: Ss | Ma | Mi | Mj | TYLCV

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A stylized, flat-design illustration of green peppers and pepper seeds. The background is a solid light pink. Several green peppers are depicted in various orientations: some whole, some sliced open to reveal yellow seeds and pinkish-red interiors. The peppers are rendered in shades of green, from light to dark. Scattered throughout the background are numerous small, yellow and white pepper seeds. A large, semi-transparent white circle is centered in the image, with the word "Pepper" written in white, sans-serif font across its middle.

Pepper

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HMX52A2012

- Attractive extra-large red-colored fruit
- High marketable yield
- Ideal for the processing industry
- Thin fruit walls, essential for the dry processing industry

Disease Resistance

IR: TSWV



HMX52A2015

- Good fruit quality, smooth, ideal for the fresh market
- High marketable yield for more profit
- Extra-large fruit size
- Thin fruit walls, essential for the dry processing industry



SEQUOIA

- Early maturing hot set Ancho red pepper
- Fresh market
- Heat setting capabilities
- Highly marketable yield through predominantly extra-large to large fruit sizes

FEATURED PRODUCT



MEZQUITE

"Mezquite is our cold setting Ancho Mulato type pepper, it features extra-large to large fruit sizes and an attractive disease resistance package"

Denisse Taghvai, Research Associate, Hot Pepper

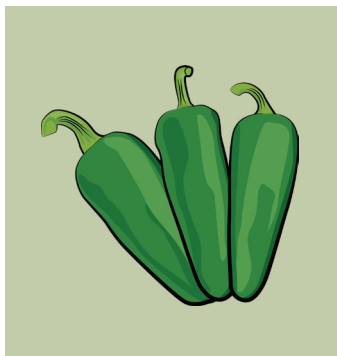
FEATURES

- Well adapted to the cold to warm production slot which present the highest virus pressures
- Highly marketable yield for more profit with extra-large to large fruit sizes

Relative Maturity	95-100 Days
Plant Habit	Strong Vigor and Cover
Fruit Size	X-Large predominantly
Fruit Color	1,800 SHU
Heat	1,800 SHU
Application	Fresh Market

Disease Resistance

IR: PepMov | PepSMV | PVY:0,1,1-2

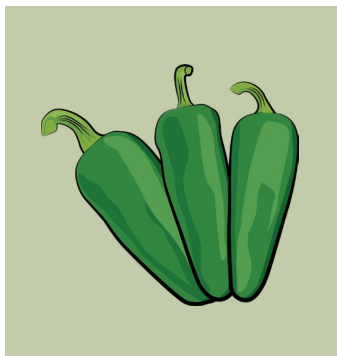


HMC521900

- A Serrano designed for Mexico or USA export market with high adaptability and early maturity
- Predominantly XL-Large to large fruit size
- Traditional Serrano flavor with 6,000 SHU
- BLS1,2,3 resistance

Disease Resistance

HR: Xcv: 1,2,3



HMX52S5221

- High pungency Serrano designed for the domestic market in Mexico
- Provides fruit shape uniformity and attractive size consistently
- Good plant vigor and cover with intermediate maturity



HMX52S3214

- High quality for Mexico domestic market
- High marketable yield
- Good, uniform, large fruit sizes
- Intermediate pungency

Disease Resistance

HR: Tm:0

IR: TSWV:P0



HMX52S6769

- Adapted for areas with limited growing conditions
- Vigors plant with excellent cover
- Predominantly large fruit sizes intermediate pungency

Disease Resistance

HR: Tm:0
IR: CMV



SERRANO REAL

- Designed for the Mexico export or USA
- Predominantly extra-large to large fruit and great flavor and intermediate pungency
- Great marketable yield and uniformity
- A great traditional Serrano pepper flavor

Disease Resistance

HR: Tm:0



HMX52C3796

- Our best traditional Caribe type pepper
- Good fruit color in the marketplace
- Early maturity
- High marketable yield with remarkable uniformity in fruit shape and size

Disease Resistance

HR: Xcv: 1,2,3

[illegible]

FEATURED PRODUCT



HMC521100

"This is an Anaheim pepper designed for the Middle East and North African markets with the ability to fit both fresh and processing industries."

Joseph Jacobs, Pepper Breeder

FEATURES

- Good disease resistance package combination
- Early maturity
- Well adapted to cold growing conditions

Relative Maturity	Early
Fruit Size	Large to X-Large
Fruit Color	Dark green to intense red
Heat	1500 SHU
Application	Fresh and processing market

Disease Resistance

HR:	Tm:0
IR:	CMV TSWV:P0



HMC521101

"An Anaheim pepper designed for the Middle East and North African markets with excellent fruit uniformity, great adaptability, and a robust disease resistance package."

Joseph Jacobs, Pepper Breeder

FEATURES

- Attractive fruit setting through the whole plant
- Good plant, vigor, and cover
- Good plant vigor and cover well adapted to the cold production slot

Relative Maturity	Early
Fruit Size	Large to X-Large
Heat	1500 SHU
Application	Fresh & processing market

Disease Resistance

HR: CMV | ToMV



HMC521102

- Anaheim pepper with a high marketable yield for more profit
- Early maturity with a concentrated fruit set
- High fruit quality with attractive fruit size

Disease Resistance

HR: PepMoV



HMX52H3801

- Smooth and concentrated fruit set,
- A good hybrid alternative to the market
- Concentrated fruit set
- Early maturity
- Attractive fruit size of extra-large to large

Disease Resistance

HR: Tm:0
IR: TSWV

FEATURED PRODUCT



22130368

"A hot banana pepper with an excellent disease resistance package, designated for the North Africa and Middle East markets."

Joseph Jacobs, Pepper Breeder

FEATURES

- Highly marketable yield for more profit
- Early maturity and concentrated fruit setting
- Good plant vigor and cover well adapted to the cold production

Relative Maturity	Early
Fruit Size	Large to X-Large
Fruit Color	Yellow to Red
Heat	1800 SHU
Application	Fresh & processing market

Disease Resistance

HR: Xcv:1,2,3 | Tm:0

FEATURED PRODUCT



22130396

"A hot set option for the hot banana pepper industry, usable for both fresh and processing markets with an excellent disease resistance package."

Joseph Jacobs, Pepper Breeder

FEATURES

- Highly marketable yield under heat set conditions
- Early maturity and concentrated fruit setting with predominantly extra-large to large fruit sizes
- Good plant vigor and cover well adapted to the cold production

Relative Maturity	Early
Fruit Size	Large to X-Large
Fruit Color	Yellow to Red
Heat	1800 SHU
Application	Fresh & processing markets

Disease Resistance

HR: Xcv:1,2,3 | Tm:0



CANARIO REAL

- High marketable fruit yield for more profit and
- Excellent fruit quality
- Early maturity
- Predominantly extra-large to large fruit sizes

Disease Resistance

HR: Xcv: 1,2,3 | Tm:0



HM 0414

- No heat banana
- High fruit quality for both processing and fresh markets
- Very uniform fruit - essential for the processing market
- Thicker fruit walls for heavier fruit

Disease Resistance

HR: Xcv: 1,2,3

IR: TSWV



HMC521300

- A not heat banana well designed for the processing market with intermediate maturity
- Well adapted to the cold production slot
- High yield through a heavy fruit as a result of wall thickness
- BLS 1 to 5 resistances

Disease Resistance

HR: Xcv:1,2,3,4,5



HMC521301

- Designated for the fresh market
- Good fruit uniformity and yield
- High marketable yield for more profit
- Excellent uniformity of size throughout the whole yield

Disease Resistance

HR: Tm:0 | Xcv: 1,2,3,4,5



HMC521303

- A no heat banana well designed for the processing market
- High marketable yield through an consistent fruit uniformity
- Excellent Adaptability

Disease Resistance

HR: Tm:0 | Xcv: 1,2,3,4,5

IR: TSWV



HMC521305

- A no heat banana well designed for the processing market
- High marketable yield through an consistent fruit uniformity
- Excellent adaptability

Disease Resistance

HR: Xcv: 1,2,3,4,5

IR: TSWV

FEATURED PRODUCT



HMX52B0044

"Designed for the Middle East market and provides excellent fruit quality under the cold production slot; usable for both open field and tunnel production."

Joseph Jacobs, Pepper Breeder

FEATURES

- Highly marketable yield with excellent fruit uniformity
- Early maturity and concentrated fruit setting under cold weather conditions
- Compact plant with good cover well adapted to the cold production

Relative Maturity	Early
Fruit Size	Large to X-Large
Fruit Color	Yellow to Red
Heat	1800 SHU
Application	Fresh & processing market

Disease Resistance

HR: TSWV

IR: Tm:0-2



HMC521306

- A no heat banana pepper well designed for the processing market
- High marketable yield through consistent fruit uniformity of large fruit size
- Excellent Adaptability

Disease Resistance

HR: Xcv: 1,2,3,4,5
IR: TSWV



HMX52B0347

- Extra-large hot banana pepper, designed for the North Africa and Middle East markets
- Highly marketable yield
- Predominantly extra-large fruit sizes
- Thinner fruit walls for heavier fruit



DANTE

- Dual-purpose fresh and processing markets
- Early maturity
- Predominantly extra-large to large fruit sizes with high pungency

Disease Resistance

HR: Xcv:1,2,3 | Tm:0

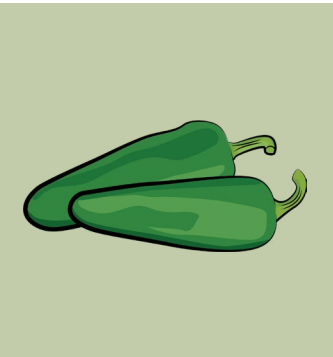


EVERMAN

- Best adapted for the cool to warm production slot (Spring)
- Highly marketable fruit throughout extended harvesting periods
- Thicker fruit walls for heavier fruit, without Anthocyanin

Disease Resistance

HR: Xcv: 1,2,3

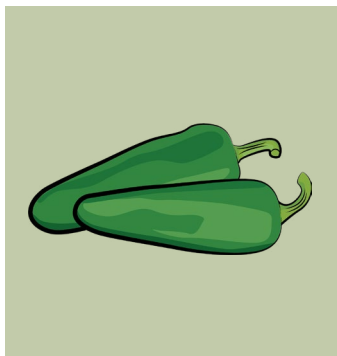


HMC521500

- This hot jalapeño is well designed for the fresh market
- Early to Intermediate maturity with wide agronomic adaptability
- Desirable pungency

Disease Resistance

HR: Xcv: 1,2,3,4,5



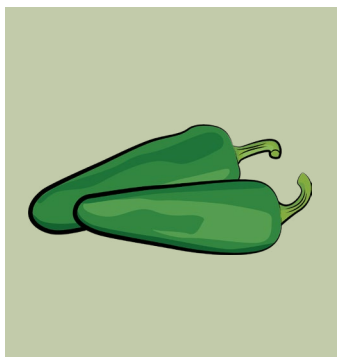
HMC521501

- Hot Jalapeño for the processing industry
- High marketable yields and extend harvest
- Medium to large fruit size predominantly
- Well adapted to the warm to cool production slot with minimal fruit cracking and good pungency

Disease Resistance

HR: Tm:0 | Xcv:1,2,3

IR: TSWV



HMX52J1084

- A low pungency hot slicer
- Easy to manage spice levels during processing
- Concentrated fruit set with an attractive large fruit size
- Excellent fruit uniformity
- Early maturity

Disease Resistance

HR: Tm:0 | Xcv: 1,2,3

IR: CMV



HMX52J1226

- A hot slicer with excellent uniformity
- Extremely high marketable yield for more profits
- Thick fruit wall and elongated uniform fruit shape

Disease Resistance

HR: Tm:0 | Xcv: 1,2,3

IR: CMV



HMX52J3043

- A hot slicer with excellent uniformity
- Early maturity
- Compact plant and concentrated fruit set

Disease Resistance

HR: Xcv:1,2,3



HMX52J2146

- Hot Jalapeño with low pungency
- Good fruit quality and high marketable yield
- Attractive plant vigor and cover, ideal for extreme growing conditions
- Smooth fruit with thick walls, for heavier fruit

Disease Resistance

HR: Xcv: 1,2,3,4,5



HMC521507

- Fresh market variety with low pungency
- Good fruit quality and improved bacterial protection
- Intermediate plant vigor and cover
- Thicker walls for heavier fruits

Disease Resistance

HR: Xcv:1,2,3,4,5



MIXTECO

- Fresh market variety, best adapted for the warm to warm production slot (main season)
- Highly marketable and extra-large to large fruit size throughout extended harvesting periods
- Thicker fruit walls for heavier fruit without Anthocyanin

Disease Resistance

HR: Tm:0 | Xcv: 1,2,3



ORIZABA

- A fresh market variety, best adapted for the warm to cool production slot (Fall)
- Highly marketable extra-large to large fruit size throughout extended harvesting periods
- Thicker fruit walls that make it heavier, without Anthocyanin

Disease Resistance

HR: Xcv: 1,2,3



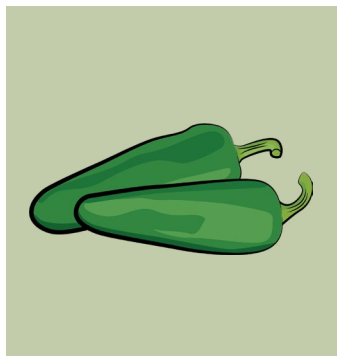
UNIQUE

- A hot slicer pepper with excellent uniformity
- Thick fruit wall and elongated
- Low pungency - easy to manage the spicy level during processing

Disease Resistance

HR: Tm:0

IR: CMV

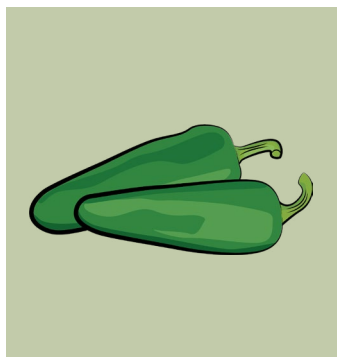


HM 4260

- No heat processing slicer pepper
- Elongated, not pointed uniform fruit shape - ideal for maximizing slice yield during processing
- Easy de-stemming advantage

Disease Resistance

HR: Tm:0



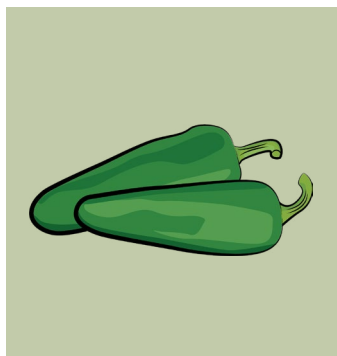
HMC521503

- No heat processing jalapeño
- High fruit quality
- Early maturity
- Highly marketable with thicker fruit walls for heavier fruit with great flavor

Disease Resistance

HR: Xcv: 1,2,3,4,5

IR: TSWV

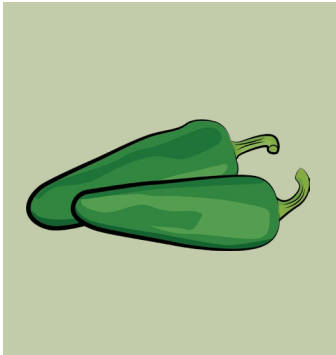


HMC521504

- No heat processing jalapeño with high fruit quality
- Early maturity
- Great flavor
- Highly marketable fruit with thicker walls for heavier fruit

Disease Resistance

HR: Xcv: 1,2,3



HMX 521505

- No heat Jalapeño with high fruit quality and excellent flavor
- Concentrated set with an extreme early maturity
- A thicker walled product, for heavier fruit with high marketable yield
- BLS 1-5 resistance

Disease Resistance

HR: Xcv: 1,2,3,4,5



HMX52N2094

- A no heat slicer with a valuable and robust disease resistance package
- Provides high marketable yield with an attractive large fruit size with uniformity predominantly
- Strong plant vigor with excellent cover

Disease Resistance

HR: Xcv: 1,2,3 | Tm:0
IR: TSWV



P105

- No heat processing jalapeño
- Easy de-stemming
- Highly marketable yield for more profit with a very uniform fruit size
- Intermediate maturity



P115

- No heat processing jalapeño
- Early maturity
- Easy de-stemming advantage
- Concentrated fruit setting and high yield for more profit



CURRIER

- Early and high commercial yield
- Very consistent and uniform blocky shape
- Smooth and glossy with deep green color
- Great turn to red

Disease Resistance

HR: Xcv:1,2,3 | PepMoV | PepYMV | PVY:0,1,1-2 | Tm:0
IR: Pc | CMV



HMC571820

- Large to extra-large fruited variety
- Dark green color at maturity
- Sturdy plant structure for non-staked culture

Disease Resistance Pending



SWEETY

- Attractive red color and uniform fruits
- Vigorous open field plant with a concentrated set
- Firm flesh with high Brix and long shelf life

Disease Resistance

HR: Pvy:0,1 | Tm:0

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

Notes

[illegible]

A vibrant illustration of tomatillos on a light purple background. Several green tomatillos of various sizes are scattered around, some with white outlines. Yellow star-shaped tomatillo husks are also present. A central white banner with a scalloped edge contains the word 'Tomatillo' in white text. Orange oval shapes are scattered around the banner, and a white spiral line winds through the center.

Tomatillo

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Tomatillo Purple	
<hr/>	
PCC-1636	139
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FEATURED PRODUCT



BOTERO

"Botero is an improved version of our traditional husked tomatillo with improved fruit color, low radial, and concentric fruit cracking."

Enrique Severeyn, Product Manager, Tomatillo

FEATURES

- X-Large fruit size predominantly and improved uniformity
- High marketable yield with early maturity
- Excellent plant vigor and cover with extended harvest period

Relative Maturity	Early - 60 Days
Fruit Color	Darker green
Fruit Size	X-Large predominantly
Applications	Sauce - easy hand Harvest

FEATURED PRODUCT



CLEMENTE

Clemente is the most innovative tomatillos on the market today! It features easy de-husking capabilities with unique mechanical harvesting potential"

Enrique Severeyn, Product Manager, Tomatillo

FEATURES

- Easy de-husking capabilities - unique mechanical harvesting potential
- Extreme early maturity
- Concentrated fruit setting and high yield with quality
- Excellent plant vigor and cover

Relative Maturity	Extremely Early - 49 Days
Fruit Color	Green
Fruit Size	X-Large predominantly
Applications	Sauce - mechanical & hand harvest



SIQUEIROS

- Early maturing
- Vigorous vine
- Compact setting adaptable to stake and floor production
- Top yields in just a few picks



DALI

- Nice fruit shape with deep green color
- Good yield capacity
- Good plant vigor and cover
- Uniform in shape and size

Disease Resistance

HR: Px

FEATURED PRODUCT



HMX89T1241

"HMX89T1241 is an improved version of our other Tamatillos for it's powdery mildew protection and high yield potential."
Enrique Severeyn, Product Manager, Tomatillo

FEATURES

- High marketable yield with low radial and concentric fruit cracking
- Predominately large to x-large fruit size
- Dynamic use for high tunnel, greenhouse and open field production
- Extended fruit setting with an excellent plant vigor and cover

Relative Maturity	Early - 60 Days
Fruit Color	Green
Fruit Size	Predominantly x-large
Applications	Hand harvest

Disease Resistance

HR: Px

FEATURED PRODUCT



PCC-1636

"PCC-1636 is our first purple tomatillo! It offers growers the best fruit quality and size for this unique category"
Enrique Severeyn, Product Manager, Tomatillo

FEATURES

- High fruit quality, uniformity and high level of antioxidants
- Concentrated fruit set with attractive medium fruit size
- High marketable with extreme early maturity through a long period of the time in the season
- Concentrated fruit setting with an excellent plant vigor and cover

Relative Maturity	Extremely Early - 49 Days
Fruit Color	Purple
Fruit Size	Predominantly medium
Applications	Sauce - Hand harvest

NOTES

[illegible]



Cucumber

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Cucumber | Open Field Seeded Pickle

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GENERAL LEE

- Highly adaptable to most growing environments
- Sturdy gynoeocious plants that give robust fruit yields

Disease Resistance

HR: Ccu

IR: Px | CMV



RAIDER

- Emerald green fruit
- Dependably uniform

Disease Resistance

IR: Psl | Ccu | CMV



STONEWALL

- Very high fruit quality
- Top yields with more top-quality fruit per acre
- Glossy fruit with an attractive shape and excellent dark green color

Disease Resistance

HR: Ccu

IR: Psl | Co:1 | Px | Pcu | CMV

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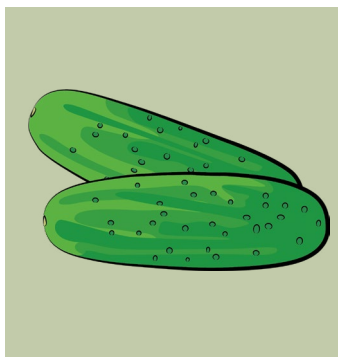
FEISTY

- Excellent fruit length
- Outstanding interior quality with small seed cavity and slow seed development
- Good processing yield
- Attractive dark green color

Disease Resistance

HR: Ccu

IR: Psl | Co:1 | CMV



HM 258

- Early fruiting monoecious pickle
- Highly adaptable and vigorous plants
- Outstanding fruit quality is maintained though out the growing season

Disease Resistance

IR: CMV | PRSV | ZYMV



REGAL

- A popular staple variety that produces elegantly thin tapered fruit
- High yielding compact plants
- Early fruit production

Disease Resistance

IR: Psl; Ccu; Co:1; Px; Pcu; CMV

FEATURED PRODUCT



DIXON

“Dixon has higher yield and fruit quality compared to the competition. The fruit stay dark and smooth throughout the growing cycle, and are an excellent option for the processing slot”

Christian Pulido, TSR, Mexico

FEATURES

- Powerhouse of fruit production!
- Early yielding monoecious pickle with phenomenal quality dark crisp fruit, and a highly adaptable vine

Relative Maturity	40-45 Days
Type	Monoecious
Shape	Cylindrical
Color	Dark green
L/D Ratio	3:1
Plant Habit	Vine
Harvest Type	Hand

Disease Resistance

IR: CMV; PRSV; WMV; ZYMV



Bean

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CAPRICE

- Versatile
- High-quality
- Consistent high yields
- Relative Maturity: 56 Days

Disease Resistance

HR: BCMV | CI | Psp | Xap

IR: Pss



COLTER

- Consistent set of straight dark green pods
- Reliable high yields
- Strong vigorous plant with excellent root system
- Works well in hotter planting slots
- Relative Maturity: 53 Days

Disease Resistance

HR: BCMV | BCTV | Ua



WYATT

- An important variety in the range, especially for the Mexico, Australia, and the western USA
- Upright plant with high pod set for easy harvest
- Broadly adapted for consistent yields of high-quality dark green pods
- Relative Maturity: 54 Days

Disease Resistance

HR: BCMV | BCTV | Psp | Pss | Xap

FEATURED PRODUCT



HMC016335

"This promising new variety appears to be widely adapted. Upright plant, consistent yield indications of quality pods and good disease resistance. Indications are that 6335 will work through main season plantings in the Caprice slotting and it can handle hot and humid climates."

Rodney Robideaux, Product Development, USA Southeast

FEATURES

- Wide performance across the main season with good heat set
- Straight pods of uniform length; for consumer preference
- Performs well in hotter planting slots
- Quality pods attractive to consumers

Relative Maturity	56 Days
Plant Habit	Upright
Pod Position	Mid-High
Pod Length	5.5 in
Pod Color	Medium dark green
Sieve Size	Sieve 3 15% Sieve 4 75% Sieve 5 10%

Disease Resistance

HR: BCMV | BCTV | Ua

FEATURED PRODUCT



HMX0186255

"Results from our global PD team for 6255 look promising so far and it could be slotted alongside our varieties, Sahara and Wyatt. With an excellent upright plant architecture, 6255 appears to work well in hotter planting slots, yielding dark straight pods and it has some earliness. The smoothness and quality of the pods make it attractive to consumers." Mark Butler, Product Manager

FEATURES

- Excellent yield for higher profits
- Quality straight pods attractive to consumers
- Good pod detachment for more efficient harvesting

Relative Maturity	55 Days
Plant Habit	Upright
Pod Position	Mid
Pod Length	5.5in
Pod Color	Medium dark green
Sieve Size	Sieve 3 10% Sieve 4 70% Sieve 5 20%

Disease Resistance

HR: Pss | CI | BCMV | BCTV

FEATURED PRODUCT



LASALLE

"As Spring gives way to summer and day length increases, LaSalle excels. Its upright plant habit produces an abundance of straight, dark, high quality, attractive pods. LaSalle's pods also detach readily from the plant, allowing for efficient harvest, making it ideal for fresh-cut bags or attractive cartons."

Bernie Hamel, TSR, USA West

FEATURES

- High quality, easy to harvest beans with good yields
- Strong, upright plant with easy-pick pods
- Uniform, straight, quality pods

Relative Maturity	56 Days
Plant Habit	Upright
Pod Position	Medium high
Pod Length	13.5 cm
Pod Color	Dark
Sieve Size	Sieve 3 15% Sieve 4 85%

Disease Resistance

HR:	BCMV
IR:	Psp Pss Xap

A stylized, flat-design illustration of sweet corn. Two ears of corn are the central focus: one on the left with pale yellow kernels and one on the right with bright yellow kernels. They are surrounded by green husks and stalks. The background is a solid light blue, decorated with various autumn-themed elements like orange and yellow leaves, some with white outlines, and a field of yellow corn at the bottom. A semi-transparent white banner is draped across the middle, containing the text "Sweet Corn".

Sweet Corn

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Sweet Corn Bicolor			
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NATALIE

- Large ears with good tip fill all the way to the top
- Excellent plant and high yield potential
- Extremely high eating quality

Disease Resistance

HR: Ps (RpG)



NICOLE

- Excellent eating quality with large ear size and good tip fill
- Very good yield potential
- Beautiful all-around package

Disease Resistance

IR: MDMV



PLACER

- Delicious variety with virus resistance
- Early-mid season maturity
- High eating quality
- Amazing reliability for consistent yield

Disease Resistance

IR: MDMV

FEATURED PRODUCT



CORONADO

“Coronado is heat tolerant and bright white with excellent eating quality, ear quality, husk package, and flag leaves. It also does well with mechanical harvest.”

Pat Sakamoto, TSR, USA, West

FEATURES

- Vibrant white variety with a beautiful package and flag leaves
- Excellent yield with exceptional eating quality
- Strong, upright plant with short shank for easy hand picking

Days to Maturity	78 Days
Endosperm	Sh2
Ear Length	7.75 - 8.25 in.
Row Count	16-18

Disease Resistance

HR: Ps (Rp1-GDJ)



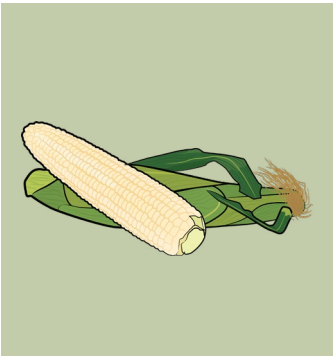
HMC590201

- Consistently nice husk package with great flag leaves
- Straight rows and great tip fill make a nice ear package
- Great eating quality

Disease Resistance

HR: Ps (Rp1-GDJ)*

**Pending Pathology test results*



HMC599200

- Sweet eating variety has a nice ear with excellent tip fill
- Long husk cover offers great ear protection

Disease Resistance

HR: Ps (RpG)
IR: MDMV

FEATURED PRODUCT



FLAGLER

“Flagler has the most complete, flawless package of any HM.CLAUSE sweet corn to date”

John Moylet, Sales Manager, USA, Northeast

FEATURES

- Beautiful ear package from flag leaves to husk protection
- Great eating quality, refined kernel, and vibrant color contrast
- Upright plant with ideal ear placement for easy hand picking

Days to Maturity	76 Days
Endosperm	Sh2
Ear Length	7.75 - 8.25 in.
Row Count	16-18

Disease Resistance

HR: Ps (Rp1-GDJ)



SENTINEL

- Highly adaptable and reliable variety for many markets
- Straight rowing on a long ear
- Good taste for consumer satisfaction

Disease Resistance

IR: Et | Ps(Rp1-D) | MDMV



LISKAM

- Large ear with good taste
- Nice husk package with good flag leaves



HMX59YS825

- Strong, dark green plant
- Deep kernels and high yield
- Nice ear shape and rowing

Disease Resistance

HR: Ps (Rp1-E)

IR: Et | MDMV



TURBINE

- Ideal early season variety with short days to maturity
- Good tip fill on large ears



HMX59YS821

- Early season variety with short days to maturity
- Excellent field holding for wide harvest window

Disease Resistance

IR: Et

Notes

[illegible]

Disease Resistance Glossary

Abbreviation	Common Name	Pathogen/Causal Agent
Bean		
BCMV	Bean common mosaic	Bean common mosaic virus
BCTV	Curly top	Beet curly top virus
Ua	Rust	<i>Uromyces appendiculatus</i>
Psp	Halo blight	<i>Pseudomonas savastanoi</i> pv. <i>phaseolicola</i>
Pss	Bacterial brown spot	<i>Pseudomonas syringae</i> pv. <i>syringae</i>
Xap	Common blight	<i>Xanthomonas axonopodis</i> pv. <i>phaseoli</i>
Cl	Anthracnose	<i>Colletotrichum lindemuthianum</i>

Cucumber

Psl	Angular leaf spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>
Co	Anthracnose	<i>Colletotrichum orbiculare</i>
CMV	Cucumber mosaic	Cucumber mosaic virus
Ccu	Scab	<i>Cladosporium cucumerinum</i>
ZYMV	Zucchini yellows	Zucchini yellow mosaic virus
PRSV	Papaya ringspot	Papaya ringspot virus
Pcu	Downey mildew	<i>Pseudoperonospora cubensis</i>

Pepper and Tomatillo

Xcv	Bacteria leaf spot (BLS)	<i>Xanthomonas</i>
Pc	Phytophthora	<i>Phytophthora root rot</i>
PVY	Potato Y	Potato Y virus
PepMoV	Pepper mottle	Pepper mottle virus
Tm	Tobamovirus	Tobamo virus
CMV	Cucumber mosaic	Cucumber mosaic virus
PepSMV	Pepper Severe Mosaic	Pepper severe mosaic virus
TSWV	Tomato spotted wilt	Tomato spotted wilt virus
ToMV	Tomato Mosaic	Tomato mosaic virus
Fom	Fusarium wilt	<i>Fusarium oxysporum</i> f.s.p. <i>melonis</i>
Px	Powdery mildew	<i>Podosphaeria xanthii</i>
PepMoV	Pepper mottle	Pepper mottle virus
PepYMV	Pepper yellow mosaic	Pepper yellow mosaic virus
TMV	Tobacco mosaic	Tobacco mosaic virus

Melon

Fom	Fusarium wilt	<i>Fusarium oxysporum</i> f.s.p. <i>melonis</i>
Px	Powdery mildew	<i>Podosphaeria xanthii</i>
Ag	Cotton Aphid	<i>Aphis gossypii</i>
Gc	Powdery mildew	Squash leaf curl virus

Pumpkin

Px	Powdery mildew	<i>Podosphaeria xanthii</i>
ZYMV	Zucchini yellow mosaic	Zucchini yellow mosaic virus

Abbreviation	Common Name	Pathogen/Causal Agent
Sweet Corn		
Ps	Common Rust	Puccinia Sorgi
MDMV	Maize Dwarf Mosaic	Maize dwarf mosaic virus
Et	Northern Leaf Blight	Exserohilum turcicum

Squash

Px	Powdery mildew	<i>Podosphaeria xanthii</i> (ex <i>Sphaerotheca fuliginea</i>)
ZYMV	Zucchini yellow mosaic	Zucchini yellow mosaic virus
WMV	Watermelon mosaic	Watermelon mosaic virus
PRSV	Papaya ringspot	Papaya ringspot virus
SLCV	Squash leaf curl	Squash leaf curl virus
CMV		

Tomato

Va:1 (EUR:0)	Verticillium wilt	<i>Verticillium albo-atrum</i> [race 1]
Vd:1 (EUR:0)	Verticillium wilt	<i>Verticillium dahliae</i> [race 1]
Fol	Fusarium wilt	<i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i>
TSWV	Spotted wilt	Tomato spotted wilt virus
Ma*	Root knot	<i>Meloidogyne arenaria</i>
Mi*	Root knot	<i>Meloidogyne incognita</i>
Mj*	Root knot	<i>Meloidogyne javanica</i>
TYLCV	Tomato yellow leaf curl	Tomato yellow leaf curl virus
Pst	Bacterial speck	<i>Pseudomonas syringae</i> pv. <i>tomato</i>
Ss	Gray leaf spot	<i>Stemphylium solani</i>
ToMV	Tomato mosaic	Tomato mosaic virus
Aal	Early blight, Alternaria stem canker	<i>Alternaria alternata</i> f.sp. <i>lycopersici</i>

Watermelon

Fon	Fusarium wilt	<i>Fusarium oxysporum</i> f.s.p. <i>niveum</i>
Co	Anthrachnose	<i>Colletotrichum orbiculare</i>

(*)The intermediate nematode resistance gene is currently the only one available in commercial varieties. This gene is effective against the following nematode species: *Meloidogyne arenaria*, *Meloidogyne incognita*, *Meloidogyne javanica*. The efficiency of this gene is reduced or canceled, by soil temperatures > 86 ° F (28 ° C) or other stress conditions.



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