

*Vegetable Seed Breeders and World Wide Wholesalers*



*"Exceeding Customer's Expectations"*



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The mission of Emerald Seed Company is to supply our customers with a consistent source of high quality vegetable seeds. We offer seeds of proven open pollinated and hybrid varieties, both proprietary and public selections.

## Cucumber Hybrids



### American Slicers

Variety	Days to Maturity (D.S.)	Flower Habit	Plant Habit	Fruit Shape	Skin Color	Disease Resistance	Features
<b>Lancer 152</b>	50-55	PF	Extremely vigorous	Cylindrical 21-23 cm	Very dark green	Ccu, ZYMV, PSRV,WMV,PM	Excellent plant cover with dark green fruit, multiple disease resistant.
<b>Laser 160</b>	50-55	PF	Extremely vigorous	Straight Cylindrical 23-25 cm	Uniform dark green	Ccu, ZYMV, PSRV,WMV,PM	An early predominately female slicer that yields quality fruit.
<b>EMGS 172</b>	50-55	PF	Very vigorous	Very straight 22-24 cm	Uniform dark green	Ccu, PSRV,WMV,PM	Offers high quality outstanding yield potential.
<b>EMGS 175</b>	50-55	PF	Very vigorous	Straight 21-23 cm	Very dark green	Ccu, PM	Very uniform exceptional fruit and yield, dark green, very smooth.
<b>EMGS 177</b>	50-55	PF	Extremely Vigorous	Cylindrical 20-22 cm	Very dark Green	SQMV, PM	High percentage of super select grade dark green fruit, 8.5 inch length.
<b>Torneo 143</b>	65-70	MO	Very vigorous	Cylindrical 22-24 cm	Uniform dark green	PRSV, WMV, ZYMV,CMV, PM, DM	Vigorous vine. Excellent disease resistance for extended harvest.

### Beit Alpha

<b>EMBA 325</b>	55-60	GY	Vigorous	Cylindrical 18-20 cm	Very dark Green	Ccu, ZYMV, PSRV, WMV, PM	Open field for Spring and Summer prod. Heavy yields of cylindrical straight fruits.
<b>EMBA 300</b>	60-65	MO	Strong Vigorous	Cylindrical 18-20 cm	Very dark Green	Ccu, ZYMV, PSRV, WMV, PM	Open field, continuous fruiting for spring production, multiple disease resistant.
<b>EMBA 327</b>	55-60	GY	Vigorous	Cylindrical	Very dark	Ccu, ZYMV, PSRV,	Early open field production with long harvest season.
<b>EMBA 463</b>	55-60	GY	Vigorous Indeterminate	Cylindrical 12-14 cm	Dark Green	CMV, ZYMV, PSRV	Parthenocarpic, multiple disease resistant, for plastic or greenhouse; spring or summer production.
<b>EMBA 470</b>	55-60	GY	Vigorous Indeterminate	Cylindrical 16-18 cm	Dark Green	ZYMV, PRSV	Parthenocarpic, multiple disease resistant, for plastic or greenhouse prod. For warm season production.

### American Pickling

Variety	Days to Maturity (D.S.)	Flower Habit	Plant Habit	L/D Ratio	Fruit Spine color	Disease Resistance	Features
<b>Emiliano 410</b>	50	PF	Vigorous Determinate	3.0	White	CMV, SQMV, AR, PM,DM	Produces a concentrated set of glossy medium green blocky fruit. For hand or machine harvest.
<b>Action 411</b>	50	PF	Vigorous Determinate	3.0	White	Ccu, ZYMV, PSRV, PM PSRV, WMV,PM	Predominately female pickling type well adapted to various growing conditions.
<b>EM 424</b>	50-55	MO	Vigorous Indeterminate	3.0	White	PRSV, WMV, ZYMV,CMV, PM, DM	Continuous set, high yield, medium maturity, monoecious.
<b>EM 427</b>	50-55	PF	Strong Determinate	3.2	White	PRSV, WMV, ZYMV,CMV, PM, DM	Excellent total yield, early, dark green, cylindrical.

D.S. = Direct Seeded  
PF = Predominantly Female  
GY = Gynoecious  
MO = Monoecious



CMV— Cucumber Mosaic Virus  
ZYMV— Zucchini Yellow Mosaic Virus  
PSRV— Papaya Ring Spot Virus  
WMV—Watermelon Mosaic Virus

## Emerald Onions—Bulb and Bunching



Variety	Maturity	Bulb Shape	Bulb size	Bulb Scale	Resistance	Features
<b>Leucadia (EMW 52221)</b>	Mid Season SD	Full Round	Jumbo	Bright White	Strong PRR	Bright White, Bolt Resistant, Single Center, high yielder, very uniform.
<b>Adelante</b>	Very Early SD	Flattened Globe	Large	White	PRR	Early, Bolt Resistant, firm.
<b>Chachal Blanca (EMW 51139)</b>	Early SD	Round	Large - Jumbo	White	PRR	Bright White Uniform, Strong Top
<b>EMW 51103</b>	Very Early SD	Flattened Globe	Large	White	PRR	Early Bright White, very uniform.
<b>Inkopah</b>	Mid early SD	Full Globe	Large	Dark Red	Med. PRR	Highly Single Center, Firm, Bolt Resistant, Handsome Shape, full round.
<b>Rojo Ardante</b>	Very Early SD	Flattened round	Medium - Large	Red	Med. PRR	Very Early Attractive Red, excellent for cool tropics, bolt resistant.
<b>Pechanga (EMR 57404)</b>	Early SD	Full Globe	Jumbo	Light Red	Strong PRR	Very Firm, Single Center, Heavy Yields
<b>EMY 70043</b>	Early SD	Globe	Large	Yellow	Strong PRR	Mid Season, Firm, Single Center, Workhorse
<b>Keepsake</b>	Mid Early SD	Full Globe	Large	Yellow	Strong PRR	Strong Foliage, Single Centers, Full globe, bolt resistant.
<b>ADMIRAL</b>	Early-main SD	Globe	Large	Yellow	PRR	Classic Early Yellow Globe
<b>EMY 70066</b>	Very Early SD	Globe	Large	Yellow	PRR	Single Centers, Very Firm, Good Flattened Shoulders
<b>Fortaleza (EMY 55210)</b>	Very Early SD	Globe	Large	Golden Yellow	PRR	Full Round, Attractive, Very Firm
<b>EMY 55265</b>	Mid SD	Globe	Large - Jumbo	Yellow	Strong PRR	Highly Single Center, Bolt Resistant, Uniform Large Yellow Grano Globe, Big Yields
<b>EMY 55102</b>	Mid early SD	Granex	Large	Yellow	Strong PRR	Good Bolt Tolerance, Classic Attractive Granex Class
<b>EMY 55375</b>	Mid SD	Granex	Very Large	Yellow	Strong PRR	Deep Granex Class, Very Productive, Late Season, Heavy Yields.
<b>EMY 55455</b>	Mid SD	Granex	Large	Yellow	Strong PRR	Very attractive Granex class, strong foliar disease resistance.
<b>EM Vaquero</b>	Very early SD	Flat	Medium	Bright White	PRR	Cambray class, spring onions
<b>EMY 314</b>	Intermediate	Flattened Globe	Jumbo	Yellow	PRR	Sweet, Single Center Jumbo Yields
<b>Natsuyo Verde</b>	Early	Japanese Bunching	-	White Shanks	-	Allium fistulosum, very erect
<b>Espada Verde (EMB 100)</b>	Early	Bunching w/ Erect Foliage	-	White w/ green Shank	High Heat Tolerance	Attractive Dark Green Shank, Early Heat Tolerant, Strips Easily

PRR= Pink Root Resistant  
SD= Short Day



## Vegetable Seed Breeders and World Wide Wholesalers

### Broccoli Hybrids for Fresh Market & Processing



Variety	Maturity*	Plant Habit	Head Type	Head Size	Color	Features
<b>Royal Max</b> ( EMBR 921 )	ME	Upright Leaves	Semi-dome	Mid-Small	Dark Green	Widely adapted, including for spring planting for warm humid summer harvest. Strong foliage. Best for bunching.
<b>Sonora</b> ( EMBR 918 )	E	Semi-upright Leaves	Dome	Small	Blue Green	Excellent for mid summer plantings; Early maturity with good heat tolerance at early grow stages. Very uniform. For crown and bunching.
<b>EMBR 9212</b>	M	Semi-upright Leaves	Dome	Medium Small	Blue green	Widely adapted, even under increasingly warm conditions and summer harvest. Dark green, attractive dome.
<b>Haiyan</b> ( EMBR 929 )	ML	Semi-upright Leaves	High-dome	Very Small	Blue Green	Very widely adapted and stable dome shape, great for crown production and processing.
<b>EMBR 924</b>	M	Super-upright Strong Leaves	High-Dome	Small	Super Dark Green	Can take narrow spacing between plants, providing good yield even with very high population per acre. Stable dome shape. Can withstand extreme high and low temperatures. Best for fresh harvesting.
<b>EMBR 934</b>	M	Semi-upright Leaves	Dome	Small	Dark Green	Warm season adaptation for warm-humid conditions. Vigorous upright foliage. For summer and fall harvest.
<b>Kinsman</b> ( EMBR 937 )	M	Semi-upright Strong Leaves	High-dome	Very small	Dark Green	Widely adapted to all basic harvesting seasons. Maintains high-dome shape. Tolerant to extreme high or low temperatures. For direct seeding or transplanting. Fresh harvesting such as crown and bunching.
<b>EMBR 953</b>	ML	Upright Strong Leaves	High-dome	Very Small	Super Dark Green	Year around production for California coastal regions. Widely adapted with very stable shape, dark green heads. Crown, bunching, and Processing.
<b>EMBR 958</b>	ML	Upright Compact Leaves	Very high-dome	Very Small	Super Dark Green	Widely adapted for year around production. Very attractive dark green heads for crowns and processing. Mexico, Guatemala.
<b>Roxanne</b> ( EMBR 972 )	ML	Semi-upright Strong Leaves	High-dome	Very Small	Blue Green	Very widely adapted all year including spring planting for summer harvest. Humid or dry heat tolerant. For Crowns, bunching or processing.
<b>Royal Tenderette</b>	M	Branching	Multiple Heads	Medium	Medium Green	Multiple stem hybrid for baby broccoli production. Smaller plant allows denser production. Great Flavor.

\* Maturity  
E = Early  
ME = Mid-Early  
M = Mid  
ML = Mid-Late  
L = Late



P.O BOX 1670

El Centro, CA 92244, USA

[www.emeraldseed.com](http://www.emeraldseed.com)