New Vegetable Variety List 23

Compiled by the Garden Seed Research Committee
American Seed Trade Association

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Twenty-two prior lists of new vegetable varieties introduced since 1936 have been published by the American Society for Horticultural Science. This 23rd listing includes 376 varieties of vegetable crops released by public and private vegetable breeding programs.

The following abbreviations are used: exp. desig. — experimental designation; orig. — originated at or by; intr. — introduced by; par. — parentage or parents used; char. — outstanding characteristics; res.—resistant to; tol.—tolerant to; sim.—similar to or resembles; sel.—selection or selected; adapt.—adapted to or adaptation.

ASPARAGUS

Brock Imperial 84 -1984—Orig. and Intr. by Arco Seed Co.

BASIL

Green Bouquet -1983—Orig. and Intr. by W. Atlee Burpee Co. Open Poll. Char. Dwarf bush plants with small dark-green leaves. Attractive as border. Sim. Picollo. Adapt. Wide.

BEANS, GARDEN

Atlantic (Exp. desig. XPB 148)—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Very long pods; colored seed coat. Res. BCMV. Sim. Gatorgreen. Adapt. Eastern U. S.; other bean areas. PVP application pending.

Blazer (Exp. desig. GP 826414)-1986—Orig. and intr. by Rogers Bros. Seed Co. Open poll. Char. Erect bush and medium sieve size, green pods 5 1/2" to 6" long. Res. Common Mosaic and NY 15 strain, tol. to some Rust strains. Sim. BBL 47. Adapt. Wide. PVP application No. 8500094.

Bronco (Exp. desig. XPB 172) -1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Fresh-market bean with straight, slender, dark, shiny pods. Res. BCMV. Sim. Strike. Adapt. All bean areas. PVP application pending.

Citation (Exp. desig. XPB 169) -1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Slender podded processing bean. Res. BCMV. Sim. Eagle. Adapt. All bean areas. PVP application pending.

Cutlass (Exp. desig. MOX8036)-1985—Orig. and intr. by Harris Moran Seed Co. Open poll. Char. Bush Kentucky Wonder type. Pod similar to Greencrop, but less fibrous and persistent green color. Res. BCMV, NY 15 strains BMV. Sim. Greencrop. Adapt. So. California, Arizona, Bush Kent. Wonder areas. PVP application pending.

Eureka (Exp. desig. XPB 167)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Small-sieve wax garden bean. Res. BCMV. Sim. Goldrush. Adapt. All wax bean areas. PVP application pending.

Gipsy (Exp. desig. XPB 4017)-1987—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Borlotto bush type with improved red color. Sim. Taylor's Horticultural. Adapt. Italy. PVP application pending.

Hystyle (Exp. desig. MOX8033)-1985—Orig. and intr. by Harris Moran Seed Co. Open poll. Char. Processor variety with very erect habit for high-density harvest. Persistent green color. Fleshy pods. Dark pods 5 1/4" to 6 1/2", resists lodging. Res. BCMV, NY 15 Strains BMV, Curly Top virus, tol. Rust. Sim. Bush Blue Lake 47. Adapt. All bean areas. PVP application pending.

Javelin (Exp. desig. FM 1555)-1985—Orig. and intr. by Ferry-Morse Seed Co. Open poll. Char. White-seeded fresh-market/processor type. Slim, very attractive, uniform round pods. Res. BV-1, BV-1a Common Bean Mosaic Virus. Sim. Sprite. Adapt. Florida, Atlantic Seaboard, New York, Wisconsin, California.

Latemar (Exp. desig. XPB 142)- 1985—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Dark, shiny-podded, slender, bush bean with colored seedcoat. Res. BCMV. Sim. Slankette. Adapt. All bean areas. PVP Certificate No. 8400021.

Laureat (Exp. desig. XPB 158)—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Small-podded wholepack type with good yield and quality. Res. BCMV (I gene), Anthracnose (ARE), Halo Blight (Mod. Res.). Sim. Gitana. Adapt. All bean areas. PVP application pending.

Madrigal (Exp. desig. XPB 128) -1984—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Green-seeded flageolet bean with good set height, growth habit, and yield. Res. BCMV. Sim. Verbel. Adapt. France. PVP application pending.

Mikado Orig. and intr. by Sunseeds. Open poll. char. Four-sieve bush green bean, with dark-green, glossy, straight, smooth pods on an upright bush. Res. BCMV. Sim. Slenderwhite. Adapt. All bean areas. PVP application pending.

Minia -1985 or 1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Bolotto bean with blue (violet) coloring and determinate bush plant type. Sim. Blue Borlotti. Adapt. Italy. PVP application pending.

Podsquad (Exp. desig. XPB 171) -1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. High-yielding fresh-market bean with long, slender pods. Res. BCMV. Sim. Gatorgreen. Adapt. All bean areas. PVP application pending.

Sentry (Exp. desig. XPB 170)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Small-sieve processing bean; low fiber and high yield. Res. BCMV. Sim. Strike. Adapt. All bean areas. PVP application pending.

Sprout (Exp. desig. XPB 189)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Fresh-market garden bean with good germination characteristics. Res. BCMV. Sim. Sprite. Adapt. All bean areas. PVP application pending.

Tess (Exp. desig. XPB 161) -1985—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Small-podded wholepack type with good yield and quality. Res. BCMV (I gene), Anthracnose (ARE), Halo Blight (Mod. Res.). Sim. Gitana. Adapt. All bean areas. PVP application pending.

Thrive (Exp. desig. XPB 195)-1987—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Full-sieve processing garden bean with good germination characteristics. Res. BCMV. Sim. Bush Blue Lake 47. Adapt. All bean areas. PVP application pending.

Vista (Exp. desig. XPB 190)-1987—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Dark-green, high-quality garden bean, for processing or fresh market. Good germination characteristics. Res. BCMV. Sim. Labrador. Adapt. All bean areas. PVP application pending.

Volare (Exp. desig. XPB 154)-1985—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Bush Romano type with improved standability; colored seed. Res. BCMV. Sim. Gina. Adapt. U. S., Italy, Spain, U.K.

BEEF

Red Ace (Exp. desig. 4292)-1981—Orig. and intr. by Alf Christianson Seed Co. F1 Hybrid. Par. Female, 375A. Char. Fast-growing early maturing hybrid for home garden, market, and processor. Smooth root with good color and resists zoning. High sugar for good taste. Bolt-resistant. Strong petioles for erect growth. Bright green leaf. Res. Tol. *Cercospora* Leaf Spot. Sim. Detroit Dark Red. Adapt. Wide.

Detroit Supreme -1984—Orig. and intr. by Alf Christianson Co. Open poll. Char. Root color very even and dark. Very smooth. Good dark outside color. Shape round to somewhat high-round. Leaves: Medium length with small root attachment. Long petioles. Res. Downy Mildew, Tol. *Peronospora farinosa* F. sp. *Betae*. Sim. Detroit Dark Red. Adapt. Wide.

BROCCOLI

Apex—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Early, short, medium bead size. Sim. Futura. Adapt. Wide

Baccus (Exp. desig. XPH 5003)-1986—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Early, heat-tolerant hybrid for Midwestern U.S. Sim. Packman and Galaxy. Adapt. Great Lakes, Eastern Seaboard.

Bonanza -1982—Orig. and intr. by Known-You Seed Co., Vendor: W. Atlee Burpee Co. F1 Hybrid. Char. Large, tight, central heads and excellent production of side shoots after central head is cut. Sim. Premium Crop. Adapt. Wide.

Chancellor (Exp. desig. NVH 510) (#90)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Medium-dark green; heads 4 1/2" to 5 1/2" with medium extension, fine beads, and a medium dome. Excellent fresh-market hybrid with good holding ability. Sim. Hybrid Emperor. Adapt. Texas and desert areas.

Commodore (Exp. desig. GSV 2820) -1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Medium-late hybrid, well-shaped domed heads, small to medium bead, thick stems, heads are at top of wrappers. Sim. Hybrid Shogun. Adapt. Early season plantings.

Galaxy (Exp. desig. XPH 5166)-1984—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Very high-yielding, early hybrid. Sim. Premium Crop. Adapt. Coastal areas and fall planting in Midwestern U.S.

Vantage—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Mid-season, medium height, heads produce above foliage for ease of harvest. Sim. Emperor. Adapt. Wide.

CABBAGE

Dynasty (Exp. desig. XPH 1104)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Adapt. Rio Grande Valley and Mexico. Res. Yellow, Tol. Downy Mildew. Sim. Market Prize.

Early Curly (Exp. desig. NO 8010)-1985—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Early savoy type with heavily crinkled leaves, small core, and sweet flavor. Sim. Salarite. Adapt. Wide.

Genesis (Exp. desig. ARCO 206)-1987—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Midseason fresh-market type. Green-blue color. Medium to large frame with good wrappers. Round heads with solid interiors and medium-short cores. Res. *Fusarium* Yellows, Tol. *Xanthomonas* Black Rot. Sim. Bravo. Adapt. Wide.

Gloria (Exp. desig. XPH 1058)-1984—Orig. and intr. by Asgrow Mexicana. F1 Hybrid. Char. Mid-early maturity, round-head-

ed shipper. Uniform, holds well in field. Sim. Express (Asgrow) or Viking (Agway). Adapt. Mexico only.

Ocala—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Midseason, dual purpose for fresh market or processor, good holding quality. Res. *Fusarium* Yellows, Black Rot. Sim. Rio Verde. Adapt. Wide.

Pennant (Exp. desig. NVH 672)-1985—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Fresh-market type. Medium frame size, blue green in color, good wrapper leaves. Healthy appearance under a wide range of climatic conditions. Matures a week earlier than Rio Verde. Holding ability excellent. Sim. Rio Verde. Adapt. Wide.

Show Boat (Exp. desig. HYB MOX 9078)-1985—Orig. and intr. by Harris Moran Seed Co. F1 Hybrid. Char. Mid-season fresh market hybrid, early maturing with good holding ability. Res. Black Rot, Yellows. Sim. Bravo. Adapt. North Carolina, South Carolina.

Two Seasons Hybrid -1982—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Chinese Cabbage with short broad heads. Very compact. Does well as either spring or fall crop. Res. Heat, soft rot, and bolting. Sim. Burpee Hybrid. Adapt. Wide.

CARROT

Apache -1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Strong tops; good early vigor; excellent color and smoothness; good root weight into tip; for bunching or cello. Res. Tol. *Alternaria*, *Cercospora*. Sim. Emperor type. Adapt. Wide.

Atlantis [Exp. desig. (4367 × 3640) × 3180]-1987—Orig. and intr. by Dept. of Hort., Univ. of Wisconsin, USDA/ARS. F1 Hybrid. Char. Early crop production. Res. Tol. *Alternaria*. Sim. Emperor 58. Adapt. All carrot-producing areas.

Beta 111 -1987—Orig. and intr. by Dept. of Hort., Univ. of Wisconsin, USDA/ARS. Open poll. Char. Good flavor, color, and high carotene. Res. *Alternaria*. Sim. Emperor 58. Adapt. All carrot-producing areas.

Brasilia (Exp. desig. XP 5069)-1984—Orig. and intr. by EM-BRAPA. Vendor: Asgrow Seed Co. Open poll. Char. Uniform Nantes type. Sim. Kuronan. Adapt. Central America/Northern Brazil.

Carolong [Exp. desig. (6439S × 6274M) X]-1988—Orig. and intr. by USDA/ARS. F1 Hybrid. Char. long, cylindrical type adapted to European market. Res. *Alternaria*. Sim. Long Nantes. Adapt. Nantes areas worldwide.

Caropak (Exp. desig. XPH 569)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Widely-adapted US mechanical harvest hybrid with excellent nutritional and visual quality. Res. *Cercospora*, Tol. *Alternaria*. Sim. Chancellor. Adapt. U.S., Canada.

Cello King (Exp. desig. NVH 1010)-1984—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Emperor class for fresh market or slicing. Roots are 9" to 10" in length and 1 1/4" to 1 1/2" in diameter. Good exterior and interior color and uniformity. Strong foliage attachment. Top 18" to 21" long. Resists bolting. Res. *Alternaria* leaf blight. Sim. Woodland, Fanci Pak, Sierra, Sundance. Adapt. All fresh-market growing areas.

Centennial (Exp. desig. XPH 982)-1986—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Excellent interior and exterior quality for slicing for freezing and canning. Res. *Alternaria* and *Cercospora*. Sim. Semi-Nantes. Adapt. Wisconsin, Great Lakes.

Dagger 78 -1978—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. High color, smooth, with good tip fill. Adapt. All carrot-producing areas.

Discovery (Exp. desig. NVH 1007)-1984—Orig. and intr. by Northrup King Co. Char. Emperor style for fresh market or slicing. Roots slightly tapered 9 1/2" to 10 1/4" long and 1 1/4" diameter. Good exterior and interior color and uniformity. Dark-green, strong tops 20" to 22" long. Resists bolting. Res. *Alternaria* leaf blight. Sim. Fanci Pak, Woodland, Sierra, and Sundance. Adapt. All carrot-producing areas.

Eagle (Exp. desig. ARCO 209)-1987—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Slicer type (9" to 10" length) with good color and less-green shoulder than current standards. Sim. Heavy

Nantes and Scarlet Nantes. Adapt. Organic soils in Wisconsin, Indiana, Michigan, Ontario, Quebec.

Falcon -1987—Orig. and intr. by Arco Seed Co. Open poll. Char. Slicer type 8" to 9" in length with blunt tip. Sim. Heavy Nantes. Adapt. Michigan, Wisconsin, Ontario, Quebec.

Gallena (Exp. desig. XPH 5120)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Early, long Nantes type. Sim. Asgrow Nantes. Adapt. Northern Europe, U.S.

Huron (Exp. desig. ARCO 178)-1987—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Good color, smooth, good tip wt., 9" to 11". Sim. Emperor class carrots. Adapt. Michigan, Wisconsin, Ontario, Quebec, Central California, Colorado, Washington.

Javelin 80 -1980—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Long, slender, straight roots with slight taper. Sim. Emperor 58. Adapt. California.

24 Karat (Exp. desig. FMX 166)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM inbreds. Char. Long Slender Gold Pak type with smooth cylindrical roots. Excellent crack resistance, very good color, no premature bolting tendency. Res. Powdery Mildew. Sim. Trophy. Adapt. California, Midwest.

Kuronan (Exp. desig. XP 513C)-1984—Orig. and intr. by EM-BRAPA. Vendor: Asgrow Seed Co. Open poll. Char. high-quality selection of Kuroda. Uniform interior for tropical summer production. Res. *Alternaria*. Sim. Kuroda. Adapt. Tropical summer production.

Mark II (Exp. desig. FMX 105) -1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM inbreds. Char. Chantenay type with smooth blunt-tip, round-shouldered roots, with uniform interiors. Good bolting tolerance and crack resistance. Sim. Chantenay types. Adapt. Wisconsin, Canada, California.

Savory (Exp. desig. 403-3)-1986—Orig. and intr. by Dept. of Hort., Univ. of Wisconsin, USDA/ARS. Vendor: Arco Seed Co. F1 Hybrid. Par. (8080S × 2302) × 2566. Char. High carotene and excellent flavor. Res. Tol. *Alternaria* leaf blight. Sim. Orlando Gold. Adapt. U.S.

Seminole -1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Early; strong tops; good color; root fills well to tip. Res. Tol. *Alternaria*. Sim. Emperor type. Adapt. Most shipping carrot production areas.

Six Pence (Exp. desig. Exp. Hyb. 2914)-1985—Orig. and intr. by Harris Moran Seed Co. F1 Hybrid. Char. Hicolor Emperor type, with long semi-cylindrical roots 9" to 10". Avg. root diam. 1 1/4", tops 18" to 20". Sim. Emperor 58. Adapt. Fresh-market areas.

Sprinter (Exp. desig. Exp. Hyb. 2101)-1985—Orig. and intr. by Harris Moran Seed Co. F1 Hybrid. Char. Emperor 58 type, good vigor, long cylindrical roots (8" to 9") avg. diam. 1 1/4", tops 18" to 20". Sim. Emperor 58. Adapt. Fresh-market areas.

Toudo Hybrid -1985—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Nantes type-cylindrical stumped roots that resist splitting. Sim. Nantes. Adapt. Wide.

CAULIFLOWER

Candid Charm (Exp. desig. NVH 1505)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Uniform, vigorous, tight-domed head; later-maturing than Snowball Y. Does not produce purplish color on head. Sim. Glacier and Snowball Y. Adapt. All cauliflower-producing areas.

Early Glacier (Exp. desig. NVH 1506)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. About 10 days earlier than Glacier and Snowball Y; tight, dome-shaped head; good vigor. Sim. Snowball Y and Glacier. Adapt. All cauliflower-producing areas.

Early Snowflake—Orig. and intr. by Dessert Seed Co. Open poll. Char. Early. Sim. Tropical types. Adapt. Warm regions.

Glacier (Exp. desig. NVH 1504)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. uniform, tight, dome-shaped head; Snowball Y season. Sim. Snowball Y. Adapt. All cauliflower-producing areas.

Igloo—Orig. and intr. by Sunseeds. Open poll. Char. Late-season type, excellent wrapper leaves. Sim. Snowball Y. Adapt. Winter growing areas.

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Majestic (Exp. desig. NVH 1503)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Vigorous; heavy dome-shaped head; break slowly. Res. Tol. mildew. Sim. Snow Crown. Adapt. All cauliflower-producing areas.

Snowball T-1—Orig. and intr. by Dessert Seed Co. Open poll. Sim. Snowball types. Adapt. Southern California desert.

Snowball T-2—Orig. and intr. by Dessert Seed Co. Open poll. Sim. Snowball types. Adapt. Southern California desert.

Snowball T-3—Orig. and intr. by Dessert Seed Co. Open poll. Sim. Snowball types. Adapt. Southern California desert.

Snowball T-4—Orig. and intr. by Dessert Seed Co. Open poll. Sim. Snowball types.

CUCUMBER

Aurora (Exp. desig. ARCO 699)-1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Par. ARCO Seed parent 559 × NCSU pollen parent (Clinton). Char. Indeterminate vine, uniform fruit shape, white spine, good fruit color, small seed cavity, late seed development, 1/d 3.0. Res. Scab, CMV, ALS, PM, DM, and *Anthracnose*. Sim. Calico. Adapt. Texas, Florida, North Carolina, Michigan.

Beauty -1983—Orig. and intr. by Hollar and Co., Inc. F1 Hybrid. Char. Gynoecious, parthenocarpic, designed for greenhouse use only. Fruit 13" long. Sim. Pepinex, Corona, Deleva.

Burpee Hybrid 11 -1984—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Earlier and more productive than Burpee Hybrid; slightly longer fruits. Res. Mosaic and Downy Mildew. Sim. Burpee Hybrid. Adapt. Wide.

Burpeeana Hybrid II -1984—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Gynoecious form of Burpeeana; earlier and more productive. Sim. Burpeeana Hybrid. Adapt. Wide.

Castlemaster (Exp. desig. CHY 2506)-1984—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. medium-early indeterminate slicer with uniform color. Good yield and femaleness. Res. Scab, CMV, PM, DM. Sim. Slicemaster. Adapt. Southern U.S., Mexico.

Castlepickle 183—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Intermediate pickling vine; Medium fruit length (L/D 2.8) and fruit color. Res. Scab, CMV, *Verticillium*. Adapt. Western California.

Castlepick (Exp. desig. CHY 2012)-1984—Orig. and intr. by Arco Seed Co. Char. Determinate, prolific, white spine pickling type; medium fruit color and length (L/D 2.9). Res. Scab, CMV, PM, DM. Adapt. Any pickle-producing area.

Castleroyal (Exp. desig. CHY 2013)-1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Vigorous vine pickling type for multiple harvest. Good fruit length (L/D 3.0) and dark-green fruit color. White spines. Res. Scab, CMV, ALS, *Anthracnose*, PM, DM. Sim. Calypso. Adapt. Eastern U.S., Canada.

Comet A (Exp. desig. XPH 1472)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Early slicer type; (L/D 4.0). Res. Cucumber scab. Sim. Marketmore 76. Adapt. Eastern and Western U.S., Western Mexico, Texas.

Delta (Exp. desig. ARCO 769)-1986—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Indeterminate pickling type; medium-green fruit color, good fruit length (L/D 3.0+) in wide range of environments. Res. Scab, CMV, ALS, *Anthracnose*, Powdery Mildew, Downy Mildew. Sim. Regal. Adapt. Midwest, East Coast, Carolinas.

Diyala (Exp. desig. XPH 1475) -1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Cylindrical fruit medium-green color, slightly rough skin (L/D ≈3.6). Sim. Arabel type. Adapt. Middle East, protected culture.

Early Pride Hybrid -1983—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Early gynoecious slicing cucumber with dark-green color; produces over long season. Res. Tol. Mosaic and Mildew. Sim. Triumph. Adapt. Wide.

Fancipak (Exp. desig. XPH 1369)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Dark color, hand-harvest pickling type with low incidence of crooks and nubs. Res. Tol. to *Anthracnose*, DM, Scab, ALS, CMV, PM. Sim. Score. Adapt. Warm growing areas.

Fremont (Exp. desig. 1983 × Clinton)-1985—Orig. and intr. by USDA and Wisconsin AES. Vendor: Arco Seed Co. F1 Hybrid. Par. W1983G × Clinton. Char. White spine, LD 2.85, blocky fruit, good fruit color distribution, medium-size vine that remains healthy into season. Res. ALS, PM, CMV, and Scab. Sim. Calico. Adapt. Ohio, Michigan, Wisconsin, North Carolina.

Hybrid Aseel —Orig. and intr. by Sunseeds. F1 Hybrid. Char. Ability to set dark-green, shiny fruits without pollination and set an early crop of fruits. Res. Powdery Mildew. Sim. Hybrid Beit Alpha. Adapt. Middle Eastern areas; any area with Mediterranean climate.

Jade (Exp. desig. XPH 1367)-1984—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Early Middle Eastern type for open field culture. L/D 3.7. Medium-green, thin shiny skin. Very productive. Res. Tol. CMV. Sim. Beit Alpha. Adapt. Middle East, where Beit Alpha types used.

Longreen —Orig. and intr. by Hollar and Co., Inc. F1 Hybrid. Char. Closely resembles Marketmore 76, but with hybrid color; fruit 9", uniformly dark green. Res. Downy and Powdery Mildew, scab. Adapt. Wide.

Manisa (Exp. desig. XPH 1421)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. An early Beit Alpha type for growth under polyethylene tunnels, where its resistance to both downy and powdery mildew is a distinct advantage. Res. Downy/Powdery Mildews. Sim. Beit Alpha. Adapt. Middle East, E. Mediterranean.

Nadine (Exp. desig. XPH 1413) -1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Smooth-skinned fruit with moderately dark color, L/D ≈3.6; vines vigorous and highly female. Sim. Marbosan and Arabel. Adapt. Middle East, protected culture.

Olympian F1 (Exp. desig. ss138)-1985—Orig. and intr. by Hollar and Co., Inc. F1 Hybrid. Res. Scab, Angular Leaf Spot, Downy Mildew, Powdery Mildew.

Primepak (Exp. desig. XPH 1530)-1986—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Long, dark color pickling hybrid. Sim. Regal. Adapt. Most pickle areas.

Rock -1983—Orig. and intr. by Hollar and Co., Inc. F1 Hybrid. Char. Parthenocarpic for plastic tunnel or greenhouse production. Fruit 12 to 15 cm Gynoeious. Sim. Arabelle, Marbosan.

Sweet Delight (Exp. desig. ARCO 8)-1983—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. White-spined burpless slicer type hybrid with long (10" to 12") fruit and thin skin. The vines are indeterminate. Res. Scab, CMV, PM. Sim. Sweet Slice, Sweet Success. Adapt. Home and truck gardens.

Tigris (Exp. desig. ARCO 760) -1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. White-spined Beit Alpha type with indeterminate vines, good color and fruit length. Mild flavor. Res. CMV. Adapt. Middle East, home gardens in U.S.

EGGPLANT

Early Prolific F-2 —Orig. and intr. by Dessert Seed Co. F2. Sim. Florida Market. Adapt. Wide.

LEEK

Gabilan (Exp. desig. 325.012)-1984—Orig. and intr. by Alf Christianson Seed. Co. Open poll. Char. Shaft very long and white. No bulbing. Leaves are dark green and upstanding. Fast growing. Sim. American Flag. Adapt. Areas with winter temperature -10C.

LETTUCE

Bix (Exp. desig. XP 5228)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. uniform, with small core. Sim. Salinas. Adapt. Coastal growing areas of California.

Cannon (Exp. desig. XP 993)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. For warmer-season production. Sim. Fairton. Adapt. Eastern U.S. lettuce production areas.

Classic (Exp. desig. XP 5171)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. uniform fall lettuce. Res. LMV. Sim. Empire. Adapt. California San Joaquin Valley fall production.

Fame (Exp. desig. XP 5172)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Earlier-maturing than Empire. Res. LMV. Sim. Empire. Adapt. Imperial Valley of California; Yuma, Ariz.

Gemstone -1981—Orig. and intr. by Arco Seed Co. Open poll. Char. Dark-green Savoy loose-leaf lettuce.

Greenfield (Exp. desig. P-20, Exp. 320)-1985—Orig. and intr. by Harris Moran Seed Co. Open poll. Char. Early, uniform, concentrated harvest. Leaves do not curl in on top at maturity; more intense green color than PI Cos; good shipping quality. Res. Oshita Virus Disease, Tol. Corky Root. Sim. PI Cos. Adapt. California coastal valleys, Romaine growing areas. PVP application pending.

Green Towers (Exp. desig. P-20, Exp. 320)-1985—Orig. and intr. by Harris Moran Seed Co. Open poll. Char. Early, uniform, concentrated harvest, taller than PI Cos. Leaves do not curl in on top at maturity. More intense green color. Large attractive butt, good shipping ability. Res. Oshita Virus disease, Tol. to Corky Root. Sim. PI Cos. Adapt. California coastal valleys, Romaine growing areas. PVP application pending.

Little Leprechaun -1983—Orig. and intr. by Arco Seed Co. Open poll.

Rosa - 1981—Orig. and intr. by Arco Seed Co. Open poll. Char. Red head lettuce.

Rubra -1981—Orig. and intr. by Arco Seed Co. Char. Red Cos Lettuce.

Salad Bibb (Exp. desig. HXP 3550)-1985—Orig. and intr. by Harris Moran Seed Co. Open poll. Char. Summer Bibb-type lettuce with multiple disease resistance. Res. Lettuce Mosaic Virus, Broad Bean Wilt virus and Downy Mildew. Sim. Summer Bibb. Adapt. Northeastern, Midwestern, Southern U.S. PVP application pending.

Sweetie B.S. -1981—Orig. and intr. by Arco Seed Co. Char. Semi-Cos leaf lettuce.

MUSKMELON

All Star (Exp. desig. HXP 3587)—Orig. and intr. by Harris Moran Seed Co. F1 Hybrid. Char. Shipping muskmelon adapted to South and East; good quality and fruit size. Sim. Magnum 45. Adapt. Florida and Northeast.

Alwaha (Exp. desig. FMX 44)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Char. A more completely netted Ananas type with large size, yellow-orange color, excellent taste and aroma. Vigorous vines with good cover. Sim. Ananas. Adapt. Central California Middle East.

Aragon (Exp. desig. XPH 5094)-1986—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Western shipper type, round, sutureless, small seed cavity, even, close net; makes size under stress conditions. Sim. Laguna. Adapt. Southern Texas, Imperial Valley of California, Western Mexico.

Aurora (Exp. desig. AC-68-52.)—Orig. and intr. by Auburn Univ. Open poll. Par. AC-63-11 × PI 14047. Char. Large fruit, high quality. Res. Gummy Stem Blight Downy Mildew, Powdery Mildew. Sim. Planter's Jumbo. Adapt. Southern U.S. and similar climates.

Buccaneer (Exp. desig. NVH 877)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Fruit slightly oval 6" × 6 1/2". Moderate sutures. Fine netting; thick, bright-orange flesh. Matures in ≈76 days. Adapt. home garden-truck farm, short-distance type. Res. Powdery and Downy Mildew. Sim. Hybrid Supermarket. Adapt. Eastern U.S.

Castle Rock (Exp. desig. 5004)-1987—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Res. Powdery Mildew. Sim. Topmark. Adapt. Western U.S.

Challenger (Exp. desig. NVH 882)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Sutureless, round-oval fruit, well-netted, firm flesh, small cavity. Midseason maturity, shipper type. Res. Powdery Mildew, races 1 and 2 and some Downy Mil-

dew. Sim. Imperial 45, Top Mark, and Perlita types. Adapt. California, Arizona, Texas.

Columbia (Exp. desig. NVH 876)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Slightly oval fruit 5" × 5 1/2", moderate sutures. Fruit well-netted, medium-orange, thick flesh. Very good flavor. Maturity ≈76 days. A home garden-truck farm type. Res. Powdery and Downy Mildew. Sim. Hybrid Supermarket. Adapt. All muskmelon-producing areas.

Conqueror (Exp. desig. NVH 875)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Slightly oval fruit 5 1/2" × 6". Fine netting and slightly sutured. Medium-orange, thick flesh. Maturity ≈76 days for home garden and truck farm use. Res. Powdery and Downy Mildew. Sim. Hybrid Supermarket. Adapt. All muskmelon-producing areas.

Conquistador (Exp. desig. GSV 83-92)-1983—Orig. and intr. by Goldsmith Seeds, Inc., of Northrup King Co. F1 Hybrid. Char. Early maturing; fruit oval, deep-sutured, coarse-netted, averaging 3 1/2 to 4 lb. Sweet, firm, orange closed flesh. Sim. Early Dawn.

Cortez (Exp. desig. XPH 5098)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. An early, large-fruited, sutured melon, pink-fleshed, with small core. For areas where earliness and large size is needed. Sim. Planter's Jumbo. Adapt. Eastern U.S.

Earligold F1 (Exp. desig. EX-29-6A)-1985—Orig. and intr. by Hollar and Co., Inc. F1 Hybrid. Char. 5 days earlier than Goldstar. Sim. Jumbo-type melon. Adapt. Northern latitudes.

Earlimark F1 (Exp. desig. SS127)-1985—Orig. and intr. by Hollar and Co., Inc. F1 Hybrid. Char. Tol. to sulphur. Res. Powdery Mildew. Sim. Topmark. Adapt. Western U.S.

Early Eastern Shipper (Exp. desig. HYB 22545)-1987—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Early PMR 45 type. Res. Powdery Mildew, *Fusarium* Wilt. Adapt. Northern U.S.

Explorer (Exp. desig. NVH 881)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Round oval fruit with well-netted sutures. Firm, sweet, bright-colored flesh. Midseason maturity. Shipper type. Res. Powdery Mildew (races 1 and 2), Downy Mildew. Sim. Tamuvalde, Mainstream, Perlita. Adapt. Texas, Southeastern U.S.

Galo (Exp. desig. XPH 5183)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Early, "Galia" class melon for shipping to distant markets. Sim. Galia. Adapt. Spain, Eastern Mediterranean.

Gold Master (Exp. desig. SHP)-1987—Orig. and intr. by Arco Seed Co. Open poll. Sim. Shipmaster. Adapt. Central California.

Golden Harvest (Exp. desig. HYB 30516)-1988—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. fresh-market muskmelon. Res. *Fusarium*, Powdery Mildew. Sim. Gold Star. Adapt. Northeastern U.S.; central California.

Golden Pride (Exp. desig. HYB 30436)-1988—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. disease-resistant Harper Hybrid. Res. *Fusarium*, Powdery Mildew (races 1 and 2). Sim. Harper Hybrid. Adapt. Northeast U.S.; central California.

Golden Shipper (Exp. desig. Hybrid 22515)-1988—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Early shipper Res. *Fusarium* and Powdery Mildew. Adapt. Northeastern U. S.; central California.

Harvest Pride (Exp. desig. 5003)-1986—Orig. and intr. Arco Seed Co. F1 Hybrid. Char. Res. Powdery mildew. Sim. Topmark. Adapt. Southwestern U.S.

Honey Moon -1987—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Disease-resistant Honeydew. Res. Powdery Mildew, Downy Mildew. Adapt. Texas.

Honeybush —Orig. and intr. by W. Atlee Burpee Co. Open poll. Char. Short internode- (bush-) type muskmelon bearing three to six melons ranging in size from 2 1/2 to 3 lb. Thick, orange flesh with small seed cavity. Res. *Fusarium* Wilt. Sim. Honey Rock. Adapt. Wide.

Intrepid (Exp. desig. NVH 880)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. No sutures, fully netted; excellent interior quality shipper type in Shipmaster and Tam Uvalde season. Res. Powdery Mildew (race 1) and some Downy Mildew strains.

Limelight Hybrid -1984—Orig. and intr. by W. Atlee Burpee HortScience, Vol. 26(4), April 1991

Co. F1 Hybrid. Char. Two weeks earlier than Honey Dew. Slips from vine when ripe; thick, pale-green flesh, Sim. Honey Dew. Adapt. All but northernmost areas.

Meloso (Exp. desig. XPH 5097)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Early maturing, Piel de Sapo type, with high initial fruit set. High soluble solids, excellent flavor. Sim. Piel de Sapo. Adapt. Spain.

Mission (Exp. desig. XPH 913) -1983—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. 5 to 6 days earlier than Topmark; round, medium-large, futureless fruit. Small cavity. Sim. Topmark. Adapt. southern Texas, southwestern desert areas of U.S.

Nova (Exp. desig. GSV 83-93)-1983—Orig. and intr. by Goldsmith Seeds, Inc. Char. Early, oblong to round-shaped coarse-netted hybrid muskmelon. Sutures shallow. Orange flesh with excellent sugar readings. Res. PMR. Adapt. Texas.

Samson —Orig. and intr. by Arco Seed Co. F1 Hybrid. Sim. Topmark. Adapt. Southwestern U.S.

Sunrise (Exp. desig. XP 673)-1987—Orig. and intr. by Agway, Inc. F1 Hybrid. Char. 65-day maturity, good vine vigor; fruit heavily netted and moderately ribbed. Sim. Hybrid Earligold. Adapt. Northeastern U.S.

OKRA

Prelude (Exp. desig. NV 2555)-1984—Orig. and intr. by Northrup King Co. Open poll. Char. fluted pod matures in ≈48 days; for fresh market and processing; pod medium dark green; seven to eight carpels, 3 1/2" in length. Sim. Clemson Spineless. Adapt. All okra-producing areas. PVP application pending.

ONION

Blitz -1988—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Excellent storage quality. Res. Pink Root. Tol. *Alternaria*. Sim. Spartan Sleeper. Adapt. Long-day areas requiring early maturity.

Brilliant (Exp. desig. ARCO 3059W)-1987—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Early with glossy white bulbs; more bolt-resistant than similar varieties. Res. Pink Root. Sim. Early Supreme. Adapt. Short-day areas.

Bullseye (Exp. desig. 219W9)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM inbreds. Char. Spanish-type hybrid, highly single centered with thick rings. Globe-shaped with straw-colored skins. Res. Pink Root. Sim. CIMA. Adapt. New York, Wisconsin, Michigan.

Celebrity (Exp. desig. W 133)-1984—Orig. and intr. by Crookham Co. F1 Hybrid. Par. (P54-306prxP-USSprII) Cr110C. Char. A Yss hybrid for the Idaho and eastern Oregon area and other areas where full Spanish types are grown. Bulbs medium to high globe shape. Scales yellowish-brown and adhere well through storage. Res. Very Tol. to Idaho and eastern Oregon strains of Pink Root. Sim. Utah Sweet Spanish. Adapt. Areas where Yellow Sweet Spanish is grown.

Cimmaron (Exp. desig. ARCO 7063-4)-1986—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Vigorous, high-yielding, uniform, attractive yellow onion with high frequency of single-tentered bulbs. Intermediate daylength response. Limited storage potential. Res. Good Tol. to Pink Root. Sim. New Mexico Grano. Adapt. Northern Texas, New Mexico, San Joaquin Valley of California.

Class Pak (Exp. desig. 231W9)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM Hybrids. Char. Late-season, long-storage class; bulbs light-medium bronze color, skins tight. Res. Pink Root. Sim. Surecrop. Adapt. New York, Michigan, Wisconsin, Ohio, Ontario.

Colossal PRR -1980—Orig. and intr. by Arco Seed Co. Open poll. Char. Large, yellow grano type. Res. Pink Root and bolting. Sim. Early White Supreme. Adapt. Southwestern U. S., Mexico. PVP Certificate No. 7900076.

Contessa (Exp. desig. XP 3200)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Early, uniform, short-day type with large, white, deep-globed bulbs; small root plate. Res. Tol. Pink Root and bolting. Sim. Early White Supreme. Adapt. Southwestern U.S., Mexico. PVP Certificate No. 8500193.

Crystal Wax PRR —Orig. and intr. by Arco Seed Co. Open poll. Res. Pink Root. Sim. L303. Adapt. Short-day areas.

Crystal Wax Pickling PRR -1983—Orig. and intr. by Arco Seed Co. Open poll. Char. Very flat. Res. Pink Root. Sim. Crystal Wax. Adapt. Long-day pickling onion growing areas. PVP application pending.

Dessex Yellow PRR -1963—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Early Yellow Bermuda-type onion. Res. Pink Root. Adapt. Short-day areas.

Diaga (Exp. desig. KFX999)-1984—Orig. and intr. by K-F Seeds. F1 Hybrid. Char. Early, White Granex type. Res. Pink Root. Sim. Robust. Adapt. Short-day growing areas.

Early Grand PRR -1981—Orig. and intr. by Arco Seed Co. Open poll. Res. Pink Root. Sim. Grano 502. Adapt. Short-day areas. PVP Certificate No. 800161.

Early Premium PRR -1965—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Early, flattened globe yellow onion. Res. Pink Root. Adapt. Short-day regions.

Early Supreme PRR -1964—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Early white hybrid. Res. Pink Root. Adapt. Short-day regions.

Glacier (Exp. desig. ARCO 6054)-1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Bright white outer scales; less prone to greening than Southport White Globe; outstanding storage quality for a white onion. Sim. Blanco Duro. Adapt. Northern onion-growing areas.

Glory PRR -1981—Orig. and intr. by Arco Seed Co. Open poll. Res. Pink Root. Adapt. Intermediate onion areas. PVP Certificate No. 8100128.

Gold Rush PRR -1983—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Very early, uniform, yellow onion with little doubling. Adapt. Short-day regions.

Golden Yellow -1964—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Good storage for a short-day onion. Adapt. Short-day regions.

Henry's Special PRR -1965—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Yellow. Res. Pink Root. Adapt. Short-day regions.

Maya (Exp. desig. XPH 739)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Midseason, jumbo, long-day Spanish hybrid, with excellent storage potential. Sim. Vega Adapt. Northwestern U.S. (Idaho, Oregon, Washington), Colorado, Central California, northern Texas.

Midstar (Exp. desig. ARCO 1607)-1986—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Vigorous, uniform, white onion with high frequency of single-centered bulbs. Intermediate day length response. Limited storage potential. Res. Tol. Pink Root. Sim. New Mexico Grano. Adapt. Northern Texas, New Mexico, San Joaquin Valley of California.

Paradise PRR -1981—Orig. and intr. by Arco Seed Co. Open poll. Res. Pink Root. Adapt. Intermediate onion areas. PVP Certificate No. 8100129.

Paragon (Exp. desig. DEXP 1317-1)-1986—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Early maturity with excellent storage quality and very hard flesh. Uniform globe with medium brown scales that adhere well in storage. Sim. Downing Yellow Globe. Adapt. Northern onion-growing areas.

Primerio PRR -1968—Orig. and intr. by Arco Seed Co. Open poll. Res. Pink Root. Adapt. Short-day onion areas.

Red Commander PRR -1971—Orig. and intr. by Arco Seed Co. F1 Hybrid. Res. Pink Root. Adapt. Short-day onion areas.

Regal PRR -1980—Orig. and intr. by Arco Seed Co. Open poll. Char. Early with excellent color. Res. Pink Root. Adapt. Short-day onion areas. PVP Certificate No. 8100130.

Ringer Grano PRR —Orig. and intr. by Arco Seed Co. Open poll. Char. High single-centered Grano. Res. Pink Root. Adapt. Short-day areas.

Rip Van Winkle (Exp. desig. 227W2)-1985—Orig. and intr. by Ferry-Morse Seed Co. Par. FM inbreds. Char. Early maturity coupled with good storage qualities. Sim. Spartan Sleeper. Adapt. New York, Wisconsin, Michigan, Ontario, Quebec.

Robust White PRR -1964—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. White hybrid. Res. Pink Root. Adapt. Short-day onion regions.

Rojo (Exp. desig. ARCO 407R)-1987—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Early, large, thick, flat bulbs with excellent exterior and interior color. Res. Pink Root. Sim. Red Granex. Adapt. Short-day onion areas.

Sassy Brassy (Exp. desig. 232003)-1985—Orig. and intr. by Ferry-Morse Seed Co. Par. FM inbreds. Char. Late-season storage type, dark bronze; tight skins. Res. Pink Root, Tol. *Fusarium*. Sim. Spartan Banner. Adapt. Michigan, Wisconsin, New York, Ontario.

Special 38 -1983—Orig. and intr. by Arco Seed Co. F1 Hybrid. Res. Pink Root. Sim. Henry's Special. Adapt. Short-day onion regions.

Sweet Amber (Exp. desig. XPH 77N76)-1986—Orig. and intr. by Crookman Co. F1 Hybrid. Char. Early mild Spanish hybrid with good single centers and thick, succulent rings; heavy amber scales that adhere well. Res. High level of tolerance to Pink Root. Sim. Yellow Sweet Spanish. Adapt. Areas where Yellow Sweet Spanish is grown.

Sweet Georgia (Exp. desig. KFX1100)-1984—Orig. and intr. by K-F Seeds. F1 Hybrid. Char. Early mild Granex type bolt-resistant. Res. Pink Root. Sim. F1 Hybrid Granex. Adapt. Short-day growing areas, especially Georgia.

Sweet Ring (Exp. desig. ARCO 92-3147Y)-1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Matures 7 to 10 days earlier than Early Premium, highly single-centered, medium to jumbo globe-shaped bulbs. Res. Pink Root. Sim. Colossal. Adapt. Short-day growing areas.

Sweet Vidalia (Exp. desig. KFX-1133)-1985—Orig. and intr. by K-F Seeds. F1 Hybrid. Char. Bolt-resistant, high percent single centers. Unusual mildness when grown in Vidalia, Ga., area. Res. Pink Root. Sim. F1 Granex. Adapt. Short-day growing areas, especially Georgia.

Sweetex (Exp. desig. ARCO 532Y)-1987—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Large, early Granex-type bulbs. Res. Pink Root. Adapt. Short-day onion areas.

Sweetheart (Exp. desig. 219W2)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM inbreds. Char. Spanish type that can be spaced for jumbo sizes and will store slightly longer than most Spanish hybrids. Highly single-centered. Sim. CIMA. Adapt. Michigan, New York.

Tango (Exp. desig. Exp110-4)-1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Dark red color extends to center of bulb when well-cured; bulbs uniform and globe-shaped with small necks and excellent storage qualities. Sim. Carmen. Adapt. Northern onion-growing areas.

Texspan PRR -1981—Orig. and intr. by Arco Seed Co. Open poll. Res. Pink Root. Sim. Ben Sheman. Adapt. Intermediate onion areas. PVP Certificate No. 800159.

Texstar 80 Yellow PRR -1980—Orig. and intr. by Arco Seed Co. F1 Hybrid. Res. Pink Root. Sim. Yellow Granex. Adapt. Short-day onion regions.

Tropicana Red PRR -1964—Orig. and intr. by Arco Seed Co. F1 Hybrid. Res. Pink root. Adapt. Short-day onion areas.

White Creoso PRR -1968—Orig. and intr. by Arco Seed Co. Open poll. Res. Pink Root. Adapt. Intermediate onion areas.

White Express -1982—Orig. and intr. by Arco Seed Co. F1 Hybrid. Res. Pink Root. Adapt. Short-day onion areas.

White Majesty PRR -1964—Orig. and intr. by Arco Seed Co. F1 Hybrid. Res. Pink Root. Adapt. Short-day onion areas.

White Tampico PRR -1982—Orig. and intr. by Arco Seed Co. F1 Hybrid. Res. Pink Root. Adapt. Short-day onion areas.

PEA

Bemol (Exp. desig. XP C1220)-1985—Orig. and intr. by Asgrow Seed Co. HORTSCIENCE, VOL. 26(4), APRIL 1991

grow Seed Co. Open poll. Char. Extremely small-sieve canner pea; medium maturity. Res. *Fusarium* Wilt, races 1 and 2; moderate res. Pea Leaf Roll. Sim. Kriter. Adapt. All pea areas. PVP Certificate No. 8400092.

Citadel (Exp. desig. XPF 157)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Very small sieve freezer pea; medium maturity. Res. *Fusarium* Wilt, races 1 and 2. Sim. Dinosaurs. Adapt. All pea areas. PVP application pending.

Elegance (Exp. desig. XPC 141)-1984—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Small sieve canner pea; medium maturity afila plant type. Res. *Fusarium* Wilt, race 2. Sim. Mini. Adapt. All pea areas. PVP Certificate No. 84000104.

Envy (Exp. desig. XPC 156)-1985—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Midseason canner pea with medium sieve size. Res. *Fusarium* Wilt, race 1; moderate res. to Powdery Mildew. Sim. EP 8221. Adapt. All pea areas. PVP Certificate No. 8400094.

Flair (Exp. desig. XPF 176)-1987—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Small sieve, midseason, freezing pea. Res. *Fusarium* Wilt, race 1. Sim. Rally except it is a freezer. Adapt. Pea areas. PVP application pending.

Gain (Exp. desig. XPC 173)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Medium-late afila canner type. Res. *Fusarium* Wilt, race 1; Mod. res. Powdery Mildew. Sim. Pomak. Adapt. Pea areas. PVP application pending.

Goya (Exp. desig. XPF 131)-1984—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Fresh-market pea with large pods and medium color. Res. *Fusarium* Wilt, race 1; moderately resistant to Pea Leaf-Roll Virus. Sim. Rondo, but 4 days earlier. Adapt. Fresh-market pea areas. PVP application pending.

Jupiter (Exp. desig. C 82408)-1986—Orig. and intr. by Rogers Brothers Seed Co. Open poll. Char. Light-green berry with very small sieve size. Sim. Mini. Adapt. Generally adapted when specific diseases are not a problem. PVP application pending.

Mendota (Exp. desig. AVX 323-26)—Orig. and intr. by Sunseeds. Open poll. Char. A full-season determinate canner variety with Powdery Mildew resistance. Res. Powdery Mildew. Sim. Canners seed #8221. Adapt. Midwestern and Northeastern U.S. PVP application pending.

Menuet (Exp. desig. XPC 134)-1984—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Full-season, small sieve wrinkled canner pea. Res. *Fusarium* Wilt, races 1 and 2; moderate resistance to Pea Leaf-Roll Virus. Sim. Mini. Adapt. Pea canning areas.

Nomad (Exp. desig. Freezer 74115)-1986—Orig. and intr. by Rogers Brothers Seed Co. Char. Similar to Dark Skin Perfection, but pods are concentrated near the top 1/3 to 1/4 of the plant with some triple pods; about one sieve size smaller than DSP. Res. *Fusarium* Wilt, race 1. Sim. Dark Skin Perfection. Adapt. General. PVP application pending.

Oregon 523 (Exp. desig. OSU 523) -1985—Orig. and intr. by Oregon State Univ. Open poll. Char. adapted to commercial freezing. Res. Pea Enation Mosaic and *Fusarium* Wilt, race 1. Sim. Small Sieve Freezer. Adapt. Pacific Northwest, esp. Willamette Valley of Oregon.

Payload (Exp. desig. XPC 135) -1985—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Early large sieve canner pea with high yield. Res. *Fusarium* Wilt, race 1; Near Wilt, race 2. Sim. Dawn. Adapt. All pea areas. PVP Certificate No. 8400103.

Polaris (Exp. desig. AVX 329)—Orig. and intr. by Sunseeds. Open poll. Char. Early determinate mainseason freezer in the 4-5 sieve size. Sim. Mars. Adapt. Midwestern and Northeastern U.S. PVP application pending.

Rampart (Exp. desig. XPF 151)-1985—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Late small sieve freezer pea with afila plant type. Res. *Fusarium* Wilt, race 1. Sim. Ivy. Adapt. All pea areas. PVP Certificate No. 8400107.

Saber (Exp. desig. XPC 136) -1985 —Orig. and intr. by Asgrow Seed Co. Open poll. Char. A late-maturing canner pea with small sieve size. Res. *Fusarium* Wilt, race 1; moderate resistance to Pea Leaf Roll. Sim. Nugget. Adapt. All canning pea areas.

Sunset (Exp. desig. AVX 326)—Orig. and intr. by Sunseeds. Open poll. Char. An early sweet canner with ability to set single, HORTSCIENCE, VOL. 26(4), APRIL 1991

double, and triple flowers and pods at the first and second fruiting nodes. Sim. Dane. Adapt. All pea growing areas. PVP Certificate No. 830074.

Treat (Exp. desig. XPF 175)-1987—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Small sieve early to midseason freezer. Res. *Fusarium* Wilt, race 1. Sim. Trend. Adapt. Pea areas. PVP application pending.

Trek (Exp. desig. XPF 150)-1985—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Afila plant; midseason, medium-sieve freezer. Res. *Fusarium* Wilt, race 1. Adapt. Wide. PVP application pending.

Utrillo (Exp. desig. XPF 149)-1985—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Fresh-market pea with very large, dark-green pods. Res. *Fusarium* Wilt, race 1; moderate resistance to Pea Leaf-Roll Virus. Sim. Rondo. Adapt. Wide. PVP application pending.

Vulcan (Exp. desig. XPF 149)-1985—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Large-sieve, medium maturity freezer pea with afila plant type. Res. *Fusarium* Wilt, race 1. Sim. Venus. Adapt. Wide. PVP Certificate No. 8400105.

PEPPER

Crispy Hybrid -1983—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Medium-short plants that set medium-sized, blocky, thick-walled fruits over long period; green turning red at maturity. Sim. Bell Boy. Adapt. Wide.

Domino (Exp. desig. XPH 5106)—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. A long green/red thick-walled bell for greenhouse production. Res. TMV common strain. Sim. Lamuyo. Adapt. Italy, Spain, Southeastern U.S., Mexico.

Giant Ace —Orig. and intr. by Sunseeds. F1 Hybrid. Char. Ability to set a crop of fancy, four-lobed bell-shaped fruits. Res. Tobacco Mosaic Virus. Sim. Keystone Resistant Giant. Adapt. Wide.

Hidalgo -1985—Orig. and intr. by Arco Seed Co. Open poll. Char. Serrano type with larger and longer fruits than normal. Res. Tobacco Etch Virus, Tobacco Mosaic, Potato Y, Pepper Mottle. PVP application pending.

Prima Belle (Exp. desig. ARCO 3×29)-1987—Orig. and intr. by Sunseeds. Open poll. Char. Large, blocky four-lobed, bell-type with thick walls and medium dark-green color turning bright red at full maturity. Res. Tobacco Mosaic Virus. Sim. Emerald Giant. Adapt. California and some parts of Florida and Texas. PVP application pending.

Purple Belle (Exp. desig. P35)-1984—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Unique purple color when immature and red at maturity; Very early maturing with compact plant size; four-lobed, blocky fruit 4 1/2" × 4". Res. TMV. Sim. Violetta. Adapt. Wide.

Tambell-2 -1985—Orig. and intr. by Arco Seed Co. Open poll. Char. Multiple virus-resistant. Res. Tobacco Mosaic, Tobacco Etch, Potato Y, and Pepper Mottle. Sim. Grande Rio 66. PVP application pending.

Wonder Giant —Orig. and intr. by Arco Seed Co. F1 Hybrid. Res. Tobacco Mosaic Virus. Sim. Cal Wonder type. Adapt. Wide.

Zippy Hybrid -1982—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Mild-flavored hot pepper with long, narrow fruits; green turning red. Sim. Cayenne. Adapt. Wide.

PUMPKIN

Autumn Gold -1987—Orig. and intr. by Musser Seed Co., Inc. F1 Hybrid. Char. Early orange fruit color development permits culture in areas where other varieties may not mature. Adapt. Wide.

Bushkin (VP) -1985—Orig. and intr. by W. Atlee Burpee Co. Open poll. Char. Bush-type, naked-seeded golden-orange pumpkin — 8 to 10 lb with good flesh for pies and nearly hullless seeds for eating raw or roasted. Sim. Cinderella. Adapt. Wide. PVP Certificate No. 8400138.

RADISH

Belle Glade (Exp. desig. HXP 3763)-1985—Orig. and intr. by Harris Moran Seed Co. Open poll. Char. A red globe radish, resistant to *Fusarium* Yellows and more tolerant to high or low temperatures than existing cultivars. Res. *Fusarium* Yellows. Sim. Fancy Red. Adapt. Florida. PVP application pending.

Crystal White (Exp. desig. HXP 2760)-1986—Orig. and intr. by Harris Moran Seed Co. Open poll. Char. White icicle type with persistent white shoulders; matures in 30 days. Res. *Fusarium* Yellows. Adapt. Wide. PVP application pending.

Dandy—Orig. and intr. by Sunseeds. Open poll. Char. Medium top, earlier than Red Prince K Strain, uniform color, globe shape. Res. *Fusarium* Yellows. Sim. Red Prince K Strain. Adapt. Florida, upper Midwestern U.S.

Easter Egg - 1983—Orig. and intr. by Alf Christianson Seed Co. F1 Hybrid (multi-line). Char. Combination of red, pink, purple, violet, and white radishes. Roots remain firm and crisp with good flavor. Maturity 28 days. Strap-leaved. Adapt. Wide.

Red Pak (Exp. desig. NV 3258)-1986—Orig. and intr. by Northrup King Co. Open poll. Char. Florida spring-type with high percentage of number ones. Res. *Rhizoctonia* and cracking. Sim. Red Prince and Red Devil B. Adapt. Florida (spring and fall). PVP application pending.

Snow Belle -1983—Orig. and intr. by Alf Christianson Seed Co. Open poll. Char. Round white radish with small tap root. Matures in 28 days. Remains firm for a long time with good flavor. Strap leaf top. Adapt. All areas. PVP Certificate No. 8200025.

SPINACH

Cascade (Exp. desig. Exp. Hybrid No. 58)—Orig. and intr. by Alf Christianson Seed Co. F1 Hybrid. Char. Medium-green smooth leaf. Petioles strong and growth erect. Fast-growing for winter season bunching or processing. Res. Tol. to Mildew (races 1, 2, and 3). Sim. Hybrid 424. Adapt. Wide.

Chinook II -1983—Orig. and intr. by Alf Christianson Seed Co. F1 Hybrid. Char. Fast-growing, medium-green, semi-savoy erect plant with strong petioles. Res. Tol. to Mildew (races 1, 2, and 3). Sim. Early Hybrid No. 7. Adapt. Autumn planting.

Coho (Exp. desig. ACX 6)-1984—Orig. and intr. by Alf Christianson Seed Co. F1 Hybrid. Char. Upright, emerald dark green semi-savoy that is fast-growing and long-standing. Res. Tol. to Blue Mold 1, 2, and 3. Highly Tol. to White Rust. Sim. Melody. Adapt. Wide for fall and spring sowing.

Debut (Exp. desig. ARCO 202)-1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Long-standing, dark-green, smooth-leaf type. Good for fresh market and processing. Res. Downy Mildew (races 1,2, and 3). Sim. Polka. Adapt. Western U.S. winter areas.

Green Valley II -1984—Orig. and intr. by Alf Christianson Seed Co. Open poll. Par. Selection out of Green Valley. Char. A semi-savoy, medium, emerald glossy, green spinach for fall planting in White Rust problem areas. Res. Tolerant to Blue Mold 1 and 2. High tolerance to White Rust. Adapt. Texas, Arkansas, for fall planting where White Rust is a problem.

Olympia (Exp. desig. No. 144)-1982—Orig. and intr. by Alf Christianson Seed Co. F1 Hybrid. Char. Longstanding variety that is very fast growing. Smooth leaf and dark green. Res. Tol. Downy Mildew (races 1, 2, and 3). Adapt. Spring and summer sowing for bunching and processor.

Ozarka II- 1984—Orig. and intr. by Alf Christianson Seed Co. open poll. Par. Selection out of Ozarka. Char. A medium, curled green, savoy spinach for fall planting in White Rust problem areas. Res. Tol. to Blue Mold 1 and 2; high tolerance to White Rust. Sim. Ozarka, 612. Adapt. Texas, Arkansas, or where White Rust is a problem. For fall planting.

Rainier (Exp. desig. Exp. 4375)-1982—Orig. and intr. by Alf Christianson Seed Co. F1 Hybrid. Char. Fast growing and medium longstanding. Leaves smooth, dark green; growth is very erect. Fancy variety for bunching. Res. Tol. to Mildew (races 1, 2, and 3). Sim. Hybrid 424. Adapt. Wide for fall and spring bunching.

Sassy (Exp. desig. ARCO 77)-1986—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Vigorous dark-green full savoy for fresh market and processing. Res. White Rust, Downy Mildew (races 1 and 2). Sim. Dixie Market. Adapt. Texas, Arkansas, Oklahoma, Southeastern U.S.

Skookum (Exp. desig. No. 157)-1982—Orig. and intr. by Alf Christianson Seed Co. F1 Hybrid. Char. Fast-growing longstanding semi-savoy with dark-green erect leaves. Res. Tol. to Blue Mold (races 1, 2, and 3). Mod. Tol. to White Rust. Sim. Hybrid Avon. Adapt. Wide.

Tyee (Exp. desig. No. 159)-1982—Orig. and intr. by Alf Christianson Seed Co. F1 Hybrid. Char. Very longstanding and fast-growing semi-savoy for market and home garden. Res. Tol. Downy Mildew 1 and 3. Sim. Melody. Adapt. Wide.

SQUASH

Baraka (Exp. desig. CHY 4021)—Orig. and intr. by Area Seed Co. Char. An early maturing, light-green, Lebanese-type squash. Plants medium in size with a semi-open bush and single stem. Fruit are 4" to 5" in length, smooth and slightly larger at the blossom end. Sim. Clarita. Adapt. Middle East countries.

Barq (Exp. desig. FMX 327D)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM inbreds. Char. Vigorous, open plants with medium-light-green teardrop-shaped fruit. Sim. Victoria. Adapt. Middle East.

Blanquita (Exp. desig. ARCO 233) -1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Par. ARCO 195 × ARCO 193. Char. Pale-green fruit with slight speckling. Sim. Clarita.

Blondie (Exp. desig. XPH 1435)-1986—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Unique pale-yellow, long, cylindrical fruit open bush. Adapt. Wide.

Bushel -1984—Orig. and intr. by Hollar and Co., Inc. Open poll. Char. Lagenaria gourd, fruit spherical, diameter 12" to 18", green fruit weight to 100 lb. Sim. African Giant. Adapt. South.

Butter Blossom (Exp. desig. SQ 208)-1987—Orig. and intr. by Robson Seed Farms Co. Open poll. Char. Dark-green zucchini-type summer squash maturing in 45 days; high percentage of early male flowers. Sim. Corsair. Adapt. Wide.

Castle Black (Exp. desig. CHY 4008)-1983—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Black zucchini type. Sim. Black-jack, Blackee.

Castlejade (Exp. desig. CHY 4005)—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Long (7 1/4" to 8 1/2"), uniform, smooth, dark-green zucchini type with light-green flecks. Sim. Aristocrat, Zucchini Elite. Adapt. Wide.

Castle Pride (Exp. desig. CHY 4010)-1983—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. yellow crookneck hybrid. Sim. Dixie. Adapt. Wide.

Castle Queen (Exp. desig. CHY 4022)-1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Medium-dark-green zucchini with very slight flecking on open bushes. Sim. Ambassador, Seneca Zucchini. Adapt. Wide.

Consul (Exp. desig. XPH 1428)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Early summer squash in the Senator/Seneca zucchini class. Sim. Senator. Adapt. Wide.

Corona (Exp. desig. XPH 1592)-1986—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Pale-green/cream color with no green striping; Plant erect. Sim. Clarita. Adapt. Areas of Middle East using Clarita.

Early Acorn Hybrid -1982—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Early maturing large acorn squash produced on short, semi-bush-type plants. Sim. Table Ace. Adapt. Wide.

Goldfinger (Exp. desig. XPH 1294)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. A yellow zucchini with firm seed cavity. Sim. Goldrush. Adapt. Wide.

Green Magic II -1986—Orig. and intr. by Musser Seed Co. F1 Hybrid. Char. Longer than Green Magic. Sim. Green Magic. Adapt. Wide.

Grisette (Exp. desig. CHY 4026)-1983—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Medium grey-green fruit color with

some stripe. Sim. Caserta. Adapt. Middle East.

Jackpot (Exp. desig. 007041)-1985—Orig. and intr. by Hollar and Co., Inc. F1 Hybrid. Char. Open bush, few spines, dark-green foliage, scalloped leaves. Sim. Black Beauty. Adapt. Wide.

Jade (Exp. desig. FMX 212)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM inbreds. Char. Zucchini-type with medium green color, slight striping, and moderate speckling. Sim. Zucchini Elite. Adapt. Eastern U.S.

Lancer (Exp. desig. XPH 1546)—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. An early, long, cylindrical, light-colored, zucchini squash on a small, open bush. Sim. Senator/Seneca zucchini. Adapt. Wide.

Lemonbar (Exp. desig. XPH 1433)-1986—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. yellow straightneck summer squash. Sim. Lemondrop L. Adapt. Southeastern U.S.

Mellow Gold (Exp. desig. XP 931)-1987—Orig. and intr. by Agway Inc. F1 Hybrid. Char. Yellow, straightneck summer squash; Sim. Gold Slice. Adapt. Eastern U.S.

Midnight Express (Exp. desig. FMX 210)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM inbreds. Char. Zucchini type with dark-green fruit, large open bush. Fruit slightly longer and slightly darker green than Onyx. Sim. Onyx. Adapt. West Coast.

Pavo (Exp. desig. XPH 1457)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. An early, smooth-skinned version of Dixie. Sim. Dixie. Adapt. Southeastern U.S.

Pie-N-Pie Hybrid -1985—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Early golden crookneck hybrid with smooth wart-free skin, single stem, open plant habit. Sim. Sundance. Adapt. Wide.

Premier (Exp. desig. GSV 83-68)-1982—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. An Elite-type summer squash, early medium-green glossy fruit color with open plant habit. Sim. Elite types. Adapt. Wide.

Rama (Exp. desig. XPH 1517)-1986—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. English Marrow-type summer squash; light green in color. Sim. Clarita. Adapt. Jordan, Syria, Saudi Arabia.

Regency (Exp. desig. GSV 83-71)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Open plant habit, nearly spineless summer squash with medium green, waxy appearance. Sim. Ambassador. Adapt. Wide.

Richgreen Hybrid Zucchini -1982—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Compact, open, single-stem habit and very dark, glossy green cylindrical fruits. Sim. Ambassador. Adapt. Wide.

Rocky Gold -1983—Orig. and intr. by Hollar and Co., Inc. F1 Hybrid. Char. Zucchini-type fruit with shiny golden skin, pale-white flesh, no green color at either end of fruit. Sim. Burpee Golden Zucchini.

Shurouq (Exp. desig. FMX 109)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM inbreds. Char. Vigorous bush type with early production of pale grey-green, smooth, blocky, tear-drop, marrow-type fruit. Sim. Victoria, Ghada. Adapt. Middle East.

Verdemax (Exp. desig. CHY 4007)—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Dark-green zucchini-type squash borne on a medium-large, open, single-stemmed plant. Sim. Blackjack. Adapt. Wide.

Waltham Delite (Exp. desig. Waltham 8012)-1985—Orig. and intr. by Univ. of Massachusetts. Vendor: Arco Seed Co. F1 Hybrid. Char. Similar to Waltham Butternut, but 1 week earlier; slightly smaller-fruited with excellent storage characteristics. Res. Squash Borer. Sim. Waltham Butternut. Adapt. Northeastern U.S.

Zenith F1 -1985—Orig. and intr. by Hollar and Co. F1 Hybrid. Char. Uniform butternut-type fruit smaller than Waltham. Sim. Butternut Ponca.

SWEET CORN

Achiever (Exp. desig. AV 2524)—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Sugary (*su/su*) hybrid 81-day relative maturity; HORTSCIENCE, VOL. 26(4), APRIL 1991

white silks, yellow kernels. 18- to 20-row whole kernel processor type. Adapt. Wide.

Arrestor—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Sugary (*su/su*) hybrid; 84-day relative maturity; white silks, yellow kernel processor type. Res. Races of Common Rust (*Puccinia sorghi*). Sim. Commander. Adapt. Midwestern and Northeastern U.S.

Bon Bon (Exp. desig. AV 2553)—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Improved supersweet (*sh2/sh2 su/su*) 83-day relative maturity; white silk, light-yellow kernels: 14-18 rows. Sim. Florida Staysweet.

Calico Belle (Exp. desig. XPH 2639BC)-1987—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. High-quality midseason bicolor. Sim. Snowbelle. Adapt. Sweet corn areas with bicolor markets.

Carnival (Exp. desig. XPH 2451 BC)-1984—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Full-season bicolor with good yield and quality, attractive appearance, for roadside or short-distance shipping. Res. Tol. to Stewart's Wilt and Smut. Sim. Sweet Sue. Adapt. All sweet corn areas.

Carousel (Exp. desig. XP111)-1985—Orig. and intr. by Agway Inc. Open poll. Char. 110- to 120-day open-pollinated ornamental corn producing 3"- to 5"-long ears in a wide range of colors. Ears average 14 to 16 rows with excellent tip fill and tip cover. Plants have two to three vigorous tillers and each tiller produces several marketable ears. Adapt. Eastern U.S.

Checkmate (Exp. desig. ARCO 5438)-1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Bicolor, sugary shrunken, 76-day maturity. Sim. Agway 3611. Adapt. Northeastern, East Coast, Northern U.S.

Classic Touch (Exp. desig. Hybrid 80-2709)-1985—Orig. and intr. by Rogers Bros. Seed Co. F1 Hybrid. Char. Early bicolor hybrid with improved eating quality. Ears are 7" long with 12 to 14 rows of kernels. Sim. Sugar and Gold. Adapt. Canada and Northern U.S.

Cotton Candy EH (Exp. desig. 84-1491 EH)-1987—Orig. and intr. by Musser Seed Co. F1 Hybrid. Char. Early white cylindrical ear, good flags and husk protection, plant and husk reddish green color. Adapt. Wide.

Crystal Bell (Exp. desig. 83 WH 18)-1986—Orig. and intr. by Seedway, Inc. F1 Hybrid. Char. High row, excellent cold tolerance; high-quality, narrow, and deep kernels. Sim. Quicksilver. Adapt. Northeastern U.S., Great Lakes, Canada.

Early Arctic —Orig. and intr. by Sunseeds. F1 Hybrid. Char. Sugary (*su/su*) hybrid 63-day relative maturity; white silk, yellow kernels 12 to 14 rows. Extra early hybrid for home garden and market. Sim. Earliking. Adapt. Wide.

Even Sweeter (Exp. desig. XPH 2607W sh-2)-1987—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Midseason white *shrunken-2* hybrid. Sim. Snowbelle. Adapt. Wide.

Excellency (Exp. desig. FMX 162)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM inbreds. Char. Full-season, rust-resistant hybrid. Ears cylindrical to tapered with good cover and flags, narrow kernels. Res. Rust. Sim. Stylepak. Adapt. Midwestern U.S.

FM 0502 (Exp. desig. E0502)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM inbreds. Char. Stylepak processing type with good seedling vigor and high yield potential. Res. Head Smut, Bacterial Wilt, Tol. to Rust. Sim. Commander. Adapt. Northwestern, Midwestern, and Northeastern U.S.

Gold Ring (Exp. desig. NCX2029)-1985—Orig. and intr. by Harris Moran Seed Co. F1 Hybrid. Char. 80-day, midseason processing and fresh-market hybrid, 8 1/2" ear, 18-row count. Has performed well under rust pressure and environmental stress affecting fall corn crop. Res. Rust (some strains), Northern Corn Leaf Blight. Sim. Jubilee. Adapt. Wide.

Honey 'N Pearl (Exp. desig. SCH 4405)—Orig. and intr. by Illinois Foundation Seeds, Inc. F1 Hybrid. Char. Early *shrunken-2* bicolor; sturdy plant type; Very large ear with excellent shape and straight kernel rows (16 to 18 rows); excellent eating quality. 76 days to harvest at Champaign, Ill. Res. Mod. res. to Rust, Stewart's Wilt, and Northern Corn Leaf Blight. Adapt. Wide.

Honey Gold -1985—Orig. and intr. by Henry Fields. F1 Hybrid.

Par. 189 × 110. Res. Smut. Sim. Remarkable. Adapt. All corn-growing areas.

Illini Gold (Exp. desig. SCH 4057)—Orig. and intr. by Illinois Foundation Seeds, Inc. F1 Hybrid. Char. Mid-early maturity (79 days) yellow, *shrunk*-2 sweet corn with attractive kernel shape and good depth; single-stalk, sturdy plant type, tender and flavorful eating quality; Res. moderately resistant to Stewart's Bacterial Wilt. Adapt. Wide.

Ivory 'N Gold (Exp. desig. SCH 4401)—Orig. and intr. by Illinois Foundation Seeds, Inc. F1 Hybrid. Char. Early (75 days at Champaign, Ill.) *shrunk*-2 bicolor sweet corn with large ear and excellent eating quality; 14 to 16 kernel rows, with distinctive contrasting yellow and white kernel color. Res. Northern Corn Leaf Blight, mod. res. to Stewart's Wilt. Adapt. Wide.

Kodiak—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Sugary (*su/su*) hybrid; 69-day relative maturity. Segregating light and dark silk color, yellow kernels: 12 to 14 rows. Sim. Golden Beauty. Adapt. Wide.

Napier (Exp. desig. GH 2681)-1982—Orig. and intr. by Rogers Brothers Seed Co. F1 Hybrid. Char. Full-season (85 days) yellow sweet corn for processing. Long ears with straight kernel rows and above-average eating quality. Suitable for canning and freezing; including frozen cob corn. Sim. Commander. Adapt. Wide.

Rival (Exp. desig. XPH 2565)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Early processing hybrid with very good quality. Res. Tol. to Smut. Sim. Reliance. Adapt. Wide.

Seneca Gold-N-Crystal (Exp. desig. RXB 8501)-1986—Orig. and intr. by Robson Seed Farms Co. F1 Hybrid. Char. Relative maturity (85 days); 16 to 18 rows, bicolored kernels, white silk, heterozygous, sugary enhancer gene. Res. Tol. to Stewart's Wilt. Sim. Sweet Sal. Adapt. Northern U. S., Canada.

Seneca Gold-N-Pearl (Exp. desig. RXB 6801)-1986—Orig. and intr. by Robson Seed Farms Co. F1 Hybrid. Char. Relative maturity 68 days, bicolored kernels, 12 to 14 rows with white silk, heterozygous sugary enhancer gene. Res. No tolerance to Stewart's Wilt. Sim. Sprite. Adapt. Northeastern U. S., Canada.

Seneca Surlite (Exp. desig. RXP 356)-1987—Orig. and intr. by Robson Seed Farms Co. F1 Hybrid. Char. 76-day, white silks, yellow kernels, 12 to 14 rows. Res. Tol. to Stewart's Wilt. Sim. Seneca Warrior 225. Adapt. Northern U.S., Canada.

Silver Bullet (Exp. desig. FMX 164)-1986—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Char. Early white hybrid with maturity comparable to Goldcrest. Plants vigorous red-tassled. Ears cylindrical to slightly tapered, husks dark green with good tip cover and long green flag leaves. Sim. Spring White and Earliqueen. Adapt. U.S.

Snowbelle (Exp. desig. XPH 2562 W)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Sim. Silver Queen. Adapt. Wide.

Stars-N-Bars (Exp. desig. 81 H63 BG)-1986—Orig. and intr. by Seedway, Inc. F1 Hybrid. Char. Bi-color, early, large ear, excellent cold tolerance. Sim. Early Crystal-N-Gold. Adapt. Northeastern U.S., Great Lakes, Canada.

Sugar Crunch (Exp. desig. AV 2561)—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Improved supersweet (*sh2/sh2 su/su*), 83-day relative maturity, white silks 12 to 16 kernel rows. Deep yellow kernels. Well-filled ears. Tight husk cover and good flag leaves. Res. Tol. to Common Rust (*Puccinia sorghi*). Sim. Florida Staysweet.

Sugar Treat (Exp. desig. ARCO 5290)-1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Sugary *shrunk*, 82 days mid-west, better husk cover than Florida Staysweet. Res. *Helminthosporium turcicum*, races I and II. Sim. Florida Staysweet. Adapt. Southern U.S., Japan, Taiwan.

Sunbeam (Exp. desig. NCX 2024)-1985—Orig. and intr. by Harris Moran Seed Co. F1 Hybrid. Char. 82-day, yellow hybrid for processing and fresh market. Ears 8 1/2", 20-row count, good tip fill and quality. Refined kernel for excellent canned production. Sim. Stylepak. Adapt. Wide.

Sun Sweet (Exp. desig. XP071)-1986—Orig. and intr. by Agway Inc. F1 Hybrid. Char. 85-day yellow sweet corn with 7.5" to 8" ears and 16 rows of kernels. Heterozygous hybrid. Res. Stewart's Wilt. Adapt. Northeastern U.S.

Sweet Belle (Exp. desig. XPH 2575)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. An advanced *shrunk*-2 sweet corn adapted for shipping, local market, canning, and freezing. Sim. Florida Staysweet. Adapt. Wide.

Sweetchex (Exp. desig. AV 2523)—Orig. and intr. by Sunseeds. F1 Hybrid. Char. *Sugary shrunk*-2 (*su/su sh2/Sh2*) hybrid 82-day relative maturity. White silks, bicolor with good husk cover and flag leaves. Adapt. Wide.

Sweetie (Exp. desig. AV 2519)—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Improved supersweet (*sh2/sh2 su/su*) hybrid in 82-day relative maturity. White silks, 14 to 18 kernel rows, yellow kernels. Res. Tol. Common Rust (*Puccinia sorghi*).

Thermal (Exp. desig. XPH 2557)-1983—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Midseason yellow shipper Sim. Comanche. Adapt. Southwestern U.S.

Twice-as-Nice (Exp. desig. XP 008)-1987—Orig. and intr. by Agway Inc. F1 Hybrid. Char. 80-day bicolor *shrunk*-2 (*sh2*) hybrid with 7.5" to 8" ears averaging 14 to 18 rows of kernels. Plants are 6" to 7" tall. Sim. Summer Sweet Brand Bicolor 7802. Adapt. Eastern U.S.

White Knight (Exp. desig. XPH 2554 W)-1984—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. White corn 4 days earlier than Silver Queen. Res. Tol. to Stewart's Wilt and Smut. Sim. Comet. Adapt. Wide.

Yankee Belle (Exp. desig. XPH 2559 sh 2)-1983—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Medium-early yellow *shrunk*-2. Adapt. Northern U.S.

TOMATO

Alta (Exp. desig. CXD 100)-1985—Orig. and intr. by Campbell Soup Co. F1 Hybrid. Char. Firm midseason square, processing type with compact vine. Res. V1 and F1. Adapt. California.

Amigo (Exp. desig. GSV 83-06)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Semi-indeterminate vine adapted for pole culture. Fruits are medium to medium-large. Dark green shoulder, jointed. Res. *Verticillium*, *Fusarium* (race 1) Nematodes, TMV. Adapt. Mexico and Florida.

Baja (Exp. desig. GSV 84-52)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Vigorous growth habit adapted for pole cultivation for early, medium-, and late-season plantings; large fruit with green shoulders. Res. *Verticillium*, *Fusarium* (races 1 and 2), TMV. Adapt. Mexico.

Basket King Hybrid -1982—Orig. and intr. by W. Atlee Burpee Co. F1 Hybrid. Char. Well-branched determinate vine; round fruits of good flavor. Sim. Presto. Adapt. Wide.

Burton (Exp. desig. ARCO 576)-1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Par. Hayslip is female parent. Char. Midseason, large determinate vine, globe-shaped fruit; green shoulders, normal joint, tight blossom scars. Res. *Verticillium*, *Fusarium* (races 1 and 2), *Stemphyllium*, Nematodes. Sim. Flor America. Adapt. Wide.

Carmelita (Exp. desig. Castlehy 1075)—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. indeterminate, medium-sized, smooth fruit for trellis culture. Res. *Verticillium*, *Fusarium* (races 1 and 2), Nematodes, TMV. Sim. Carmelo. Adapt. San Diego, Mexico.

Casadvance (Exp. desig. Castlehy 1514)-1982—Orig. and intr. by A.L. Castle, Inc. F1 Hybrid. Char. Very early maturing processing type with good color and firmness. Res. *Verticillium* (race 1), *Fusarium* (races 1 and 2). Sim. Peto 31. Adapt. Semi-arid processing tomato-production areas.

Cascade (Exp. desig. CX 8106)-1984—Orig. and intr. by Campbell Soup Co. Open poll. Char. Firm, green shoulder, square, round; compact vine, mid-early processing type, with above-average solids. Res. V1 and F1. Sim. Fruit similar to VF6203, vine like UC82B. Adapt. California.

Castle 499 (Exp. desig. Castlex 499)-1978—Orig. and intr. by Arco Seed Co. Open poll. Char. Firm blocky processing type with higher soluble solids than UC 82. Res. *Verticillium* (race 1), *Fusarium* (race 1). Sim. UC 82. Adapt. Wide.

Castle Crown (Exp. desig. Castlehy 1061)—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Smooth, jointless, deep globe shape, very firm fresh-market type. Res. *Fusarium* (races 1 and 2), *Verticillium*, Nematodes, *Stemphyllium*, *Alternaria*. Sim. Sunny. Adapt. California Mexico.

Castlehy 1017 -1978—Orig. and intr. by A.L. Castle, Inc. F1 Hybrid. Char. High-yielding, high soluble solids processor type. Res. *Verticillium* (race 1), *Fusarium* (races 1 and 2). Sim. Castlemor F. Adapt. Semi-arid processing tomato growing areas.

Castlehy 1204 Improved -1978—Orig. and intr. by A.L. Castle, Inc. F1 Hybrid. Char. Early maturing processing type with good color and firmness. Res. *Verticillium* (race 1), *Fusarium* (race 1). Sim. U.C. 105.

Castlejay (Exp. desig. Castlehy 1516)-1982—Orig. and intr. by A.L. Castle, Inc. F1 Hybrid. Char. Jointless (J2), uniform ripening (uu), whole-peel processor type. Res. *Verticillium* (race 1), *Fusarium* (races 1 and 2). Sim. Castle Red. Adapt. Wide.

Castle King (Exp. desig. Castlehy 1054)—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Late-season fresh-market type; medium-size vine, large, firm fruit with concentrated set. Res. *Verticillium*, *Fusarium* (races 1 and 2), *Stemphyllium*. Sim. Royal Flush. Adapt. California central valley.

Castlemor Improved (Exp. desig. Castlemor C5)-1972—Orig. and intr. by A.L. Castle, Inc. Open poll. Char. Larger plant frame and higher yielding than VF 145B-7879 in San Joaquin Valley of California. Res. *Verticillium* (race 1), *Fusarium* (race 1). Sim. VF 145B-7879. Adapt. Semi-arid processing tomato-growing areas.

Castlepeel II (Exp. desig. Castlepeel II)-1982—Orig. and intr. by A.L. Castle, Inc. Open poll. Char. Compact vine, early maturing, round whole-peel type; easy peel character. Res. *Verticillium* (race 1), *Fusarium* (race 1). Sim. VF145 B-7879. Adapt. Semi-arid processing tomato-growing areas.

Castle Red (Exp. desig. Castlex 622)-1982—Orig. and intr. by A.L. Castle, Inc. Open poll. Char. Early jointless (j2) round whole-peel, uniform ripening type. Res. *Verticillium* (race 1), *Fusarium* (race 1). Sim. Murrieta. Adapt. Semi-arid processing tomato-growing areas. PVP Certificate No. 8200139.

Castlerock (Exp. desig. Castlex 489G)-1980—Orig. and intr. by A.L. Castle, Inc. Open poll. Char. Firm with high percentage of interocular wall tissue, high color; high-viscosity processor type. Res. *Verticillium* (race 1), *Fusarium* (race 1). Sim. UC 82. Adapt. Semi-arid areas. PVP Certificate No. 8100078.

Castleroyal (Exp. desig. 7W907C)-1983—Orig. and intr. by Arco Seed Co. Open poll. Char. Jointless (j2), uniform ripening deep blocky fruit. Res. *Verticillium* (race 1), *Fusarium* (races 1 and 2). Sim. UC 134. Adapt. Semi-arid processing tomato-growing areas.

Castlette (Exp. desig. Castlehy 1067)—Orig. and intr. by Arco Seed Co. Char. Firm jointless cherry tomato, medium determinate vine; about six to eight fruits/cluster. Res. *Fusarium* (race 1) and *Verticillium*. Sim. Cherry Grande. Adapt. Mexico, California.

Castlong UG [Exp. desig. (65-2 × 1339-12) A1]-1975—Orig. and intr. by A.L. Castle, Inc. Char. Early maturity, elongate fruit shape, uniform ripening processing type. Res. *Verticillium* (race 1), *Fusarium* (race 1). Sim. VF 65-2. Adapt. Semi-arid processing tomato-growing areas. PVP Certificate No. 8100077.

Centurion (Exp. desig. XPH 5101)-1986—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Relatively firm-fruited, fresh-market type. Res. V, F1, F2, N, A, S, C. Sim. Nema 1200. Adapt. California.

Cherry Supreme (Exp. desig. 54 × 221)—Orig. and intr. by Arco Seed Co. Char. Large vine jointed cherry type. Res. *Fusarium* (race 1). Sim. Large Red Cherry. Adapt. San Diego, Mexico.

Cherry Sweet (Exp. desig. GSV 83-010)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Firm cherry type. Res. VFNT. Adapt. Wide.

Chunky (Exp. desig. AVX 7880)—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Midseason square round. Res. V, (F1 & F2). Adapt. Western and Southwestern U.S.

Coronado (Exp. desig. Castlehy 1065)—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Jointless fresh-market type with light-green shoulders. Res. *Fusarium* (races 1 and 2), *Stemphyllium*, *Al-*

ternaria, Nematodes, *Verticillium*, TMV. Sim. Royal Flush. Adapt. Sari Diego, California coastal valleys.

Del Oro (Exp. desig. HYB. MOX 3076)-1984—Orig. and intr. by Harris Moran Seed Co. F1 Hybrid. Char. Early maturity, small stem scar, deep round fruit with thick walls for product use. Res. *Verticillium*, *Fusarium* (races 1 and 2), Nematodes, *Alternaria*. Adapt. California.

Diego (Exp. desig. MOX 3075)-1984—Orig. and intr. by Harris Moran Seed Co. Open poll. Char. Midseason compact plant, small stem scar, deep round fruit, thick walls for peeling and product use. Res. *Verticillium*, *Fusarium* (races 1 and 2), *Alternaria*. Adapt. California. PVP Certificate No. 8300172.

Eva (Exp. desig. AV 5715)—Orig. and intr. by Sunseeds. Open poll. Char. Midseason variety that performs well in high temperatures. Res. V, F. Sim. UC 82. Adapt. Wide.

Florabred (Exp. desig. Castlehy 1035)-1986—Orig. and intr. by Arco Seed Co. Char. Late, large vine for fresh market; large, firm jointless fruit. Res. *Fusarium* (races 1 and 2), *Verticillium*, *Stemphyllium*. Sim. Sunny. Adapt. Florida, Mexico.

Gator (Exp. desig. XPH 5011)-1986—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Large-fruited jointless hybrid. Res. V, F (1 & 2), A, S, N. Sim. Duke. Adapt. Florida.

Genoa [Exp. desig. NVH 4759 (GSV-2401)]-1985—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Early jointed uniform-ripening (u) pear-shaped processing type with outstanding cover. Res. *Verticillium* and *Fusarium* (races 1 and 2). Sim. Castle Star, GS-31, Early Pear 1488. Adapt. California.

H300 (Exp. desig. MOX 3092)-1985—Orig. and intr. by Harris Moran Seed Co. F1 Hybrid. Char. Midseason processor variety with large, vigorous, determinate vine. Large globe fruit with good color and high solids. Res. *Verticillium* (race 1), *Fusarium* (races 1 and 2), *Alternaria*. Adapt. California.

Hermitage—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Concentrated set; large smooth, firm, globe-shaped fruit. Res. *Verticillium*, *Fusarium*, TMV, Nematodes. Adapt. Southern U.S.

Hybrid 724 (Exp. desig. XPH 724)-1984—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Jointless hybrid for fresh market. Res. F1, F2, V1, *Alternaria*, *Stemphyllium*. Sim. Duke. Adapt. U.S., Mexico, Australia.

Hybrid 896 (Exp. desig. XPH 896)-1984—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Par. Asgrow parents. Char. Early hybrid for peeling. Res. V1, F1. Sim. Pacesetter 694.

Hybrid 898 (Exp. desig. XPH 898) 1984—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Midseason, product tomato with high solids and viscosity. Res. V1, F1, F2. Sim. Pacesetter 616. Adapt. Arid areas.

Hybrid 5040 (Exp. desig. XPH 5040)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Pear-shaped processing whole peel type. Sim. Castlelong. Adapt. Italy and California.

Maranda (Exp. desig. XPH 5133)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Marmande fruit shape. Sim. Marmande RAF. Adapt. Spain and Italy. PVP application pending.

Milano [Exp. desig. NVH 4757 (GSV4-2367)]-1985—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Early midseason, firm, pea-shaped processing type; jointed and uniform ripening for peeling; good internal color and vine cover. Res. *Verticillium* and *Fusarium* (races 1 and 2). Sim. Castle Star, GS-31, Early Pear 1488. Adapt. California.

Missouri (Exp. desig. XP 4051)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Large-fruited, jointless. Res. V, F. Sim. Rio Grande. Adapt. Italy. PVP application pending.

Mistic (Exp. desig. AVX 8384)—Orig. and intr. by Sunseeds. F1 Hybrid. Char. Midseason, jointless, fresh-market tomato with large, deep fruit. Res. V, F1 and F2. Sim. Sunny. Adapt. Florida, Mexico.

Mystro (Exp. desig. AVX 6002)—Orig. and intr. by Sunseeds. Open poll. Char. Early; blocky fruit for processing; peels well. Res. V, F. Adapt. Wide.

Oregon Spring (Exp. desig. OSU T65-5-1-14)—Orig. and intr. by Oregon State Univ. Open poll. Par. Severianin Starshot. Char. Early, large fruit; good seedless fruit set under cool temperature conditions of western Oregon. Res. *Verticillium* (strain 1). Sim. Se-

verianin. Adapt. Western Oregon and Washington.

Pacific (Exp. desig. XPH 5074)-1986—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Large-fruited fresh-market hybrid. Res. V, F1, F2, A, S. Sim. Contessa. Adapt. Western Mexico, Baja, California.

Propak (Exp. desig. XPH 5102)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Firm, medium solids, processing hybrid. Res. V1, F1, F2, A, N. Sim. Centurion. Adapt. Middle East.

Ranch (Exp. desig. AV 5131)—Orig. and intr. by Sunseeds. Open poll. Char. Early-midseason, square-round for peeling. Res. V, F. Sim. UC 82. Adapt. Wide.

Reliant (Exp. desig. GSV 82-1131)-1983—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. An early to midseason square, round processing hybrid with good solids and viscosity. Adapt. Western U.S.

Royal Delight (Exp. desig. Castlehy 1052)-1986—Orig. and intr. by Castle Seed Co. F1 Hybrid. Char. Medium-large uniform fruit. Res. V, F, N, T. Sim. Celebrity, Ace. Adapt. U.S., Canada, Mexico.

Royal Star (Exp. desig. Arco 1514)-1986—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Early; round fruit. Res. V, F1, F2.

Santa Clara (Exp. desig. XP 5200)-1986—Orig. and intr. by Asgrow Seed Co. Open poll. Char. Large, indeterminate; firm fruit. Res. V, F, S. Sim. Angela I-5100. Adapt. Brazil, Tropics.

Santiam (Exp. desig. OSU T65-9-2-13-9-1)—Orig. and intr. by Oregon State Univ. Open poll. Par. Severianin $\times$ Starshot. Char. Early and large-fruited; good seedless fruit set under cool temperature conditions in western Oregon. Res. *Verticillium* (strain 1). Sim. Severianin. Adapt. Western Oregon, Washington.

Single Beefsteak VFN -1983—Orig. and intr. by W. Atlee Burpee Co. Open poll. Char. Very large fruits with small blossom scar. Res. *Verticillium*, *Fusarium*, Nematodes. Sim. Super Steak Hybrid. Adapt. Wide. PVP Certificate No. 8200028.

Summit (Exp. desig. CXD 101)-1985—Orig. and intr. by Campbell Soup Co. F1 Hybrid. Char. Firm, round, midseason hybrid, high solids, compact vine. Res. V1, F1 and F2. Sim. UC 204C. Adapt. California.

Sundrop -1985—Orig. and intr. by W. Atlee Burpee Co. Open poll. Char. Globe-shaped, orange-fleshed fruits; indeterminate vine. Sim. Basket Pak for size but orange. Adapt. Wide.

Superior - (Exp. desig. 54 $\times$ 224)-1981—Orig. and intr. by Arco Seed Co. F1 Hybrid. Char. Large vine, smooth fruit, Res. *Verticillium*, *Fusarium* (races 1 and 2), Nematodes, *Stemphyllium*. Sim. Casino Royale/Sunny. Adapt. San Diego.

Taylor (Exp. desig. ARCO 574)-1985—Orig. and intr. by Arco Seed Co. F1 Hybrid. Par. Florida 1A is female parent. Char. Mid-season; deep oblate fruit with green shoulders; normal joint; very tight blossom scars. Res. *Verticillium*, *Fusarium* (races 1 and 2); *Stemphyllium*, Nematodes. Sim. Celebrity. Adapt. Florida, Southern California coast.

The Beef. (Exp. desig. Castlehy 1069)-1984—Orig. and intr. by Henry Field Seed and Nursery Co. F1 Hybrid. Char. A medium-early extra-large, beefsteak-type fruit with smooth, fun, uniform ripening fruits. Res. *Verticillium*, *Fusarium*. Sim. Beefsteak.

Ural (Exp. desig. XPH 4029)-1986—Orig. and intr. by Asgrow Italia. F1 Hybrid. Char. Pear shape; vine requires little training. Sim. Hypeel 244. Adapt. Italy.

WATERMELON

Assal (Exp. desig. XPH 5082)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. An early maturing semi-round type,

somewhat darker green than Chilean Black. About 17 lb. Very high fruit set. Sim. Chilean Black. Adapt. Wide.

Baronet (Exp. desig. XPH 962)-1984—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Dark-green, cylindrical fruit, (20 to 24 lb) small-seeded, with concentrated set. Sim. Picnic in color. Adapt. Southwestern U.S., Mexico, Middle East.

Bush Baby II (Exp. desig. NVH 4274)-1985—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Bush type (3 to 5 feet across); round fruit with dark-green exterior; some green stripes. Fruit avg. 7 to 10 lb; earlier than Sugar Baby. Res. *Fusarium*. Sim. Sugar Baby. Adapt. Wide.

Cardinal (Exp. desig. XPH 5085)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Early long/oval type with small seed with high seedling vigor. Sim. Cal Sweet. Adapt. Southwestern U.S., Italy.

Carmen F1 -1985—Orig. and intr. by Hollar and Co., Inc. F1 Hybrid. Char. Medium green exterior with dark gray/green stripes. Oval shape, medium size. Res. *Fusarium* Wilt. Adapt. Western, Midwestern, and Southern U.S.; Australia, Middle East.

Charleston Elite (Exp. desig. NV 4300) -1983—Orig. and intr. by Northrup King Co. Open poll. Char. Fruits are long cylindrical with blunt ends (avg. 24 lb in weight). Seeds are brown mottled. Res. *Fusarium* Wilt and *Anthraco* (race 1). Sim. Charleston Gray #133 and Charleston Gray #5. Adapt. Wide.

Crimson Tide (Exp. desig. NVH 4268)-1984—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Crimson Sweet class hybrid with a slightly darker stripe. Fruit (avg. 24 lb) semi-elongated with small, dark-brown seeds; matures in Crimson Sweet class. Res. *Fusarium* Wilt. Sim. Crimson Sweet. Adapt. Wide.

Delta Queen (Exp. desig. FMX 13)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Char. Large, oblong, dark-green fruit with narrow black-green stripes. Sim. Chilean Black-Seeded types. Adapt. Wide.

Diamond King F1 -1985—Orig. and intr. by Hollar and Co., Inc. F1 Hybrid. Adapt. Midwestern and Southern U.S.

Huck Finn (Exp. desig. FMX 11)-1985—Orig. and intr. by Ferry-Morse Seed Co. F1 Hybrid. Par. FM inbreds. Char. Fruits large, blocky, oblong, with markings similar to Crimson Sweet. Sim. Crimson Sweet. Adapt. Wide.

Sangria (Exp. desig. NVH 4262)-1985—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Elongated dark-green fruit (avg. 23 lb) with a light stripe and small, black seeds. Matures in $\approx$ 87 days. Res. *Fusarium* Wilt; Tol. *Anthraco*. Sim. Allsweet and Calsweet. Adapt. Wide.

Sugarama (Exp. desig. NVH 4264)-1984—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Early Crimson Sweet-type fruit (avg. 16 lb). Sim. Crimson Sweet. Adapt. Wide.

Sundance (Exp. desig. XPH 957)-1985—Orig. and intr. by Asgrow Seed Co. F1 Hybrid. Char. Very early, round with rind color between Crimson Sweet and Chilean Black. For early harvest needs in southeastern U.S. Res. *Fusarium* Wilt race 1. Sim. Crimson Sweet. Adapt. Southeastern U.S.

Sunsweet (Exp. desig. NV 4301)-1984—Orig. and intr. by Northrup King Co. Open poll. Char. Early striped Allsweet type; with semi-elongate fruit (18 to 24 lb); medium-size dark-brown seeds; high in sugar. Res. *Fusarium* Wilt. Tol. *Anthraco*. Sim. Allsweet and Calsweet. Adapt. Wide. PVP application pending.

Sweet Charlie (Exp. desig. NVH 4254)-1984—Orig. and intr. by Northrup King Co. F1 Hybrid. Char. Oblong Charleston Gray-type for long-distance shipping. Matures 2 or 3 days earlier than Charleston Gray and produces fruit avg. 25 lb. Res. *Fusarium* Wilt. Sim. Charleston Gray. Adapt. Wide.

Alphabetical Listing by Variety

<u>VARIETY</u>	<u>CROP</u>	<u>Year</u>	<u>Variety</u>	<u>Crop</u>	<u>Year</u>
24 Karat	Carrot	1985	Castle Red	Tomato	1982
Achiever	Sweet Corn		Castle Rock	Muskmelon	1987
All Star	Muskmelon		Castlehy 1017	Tomato	1978
Alta	Tomato	1985	Castlehy 1204 Improved	Tomato	1978
Alwaha	Muskmelon	1985	Castlejade	Squash	
Amigo	Tomato	1983	Castlejay	Tomato	1982
A p a c h e	Carrot	1985	Castlemaster	Cucumber	1984
Apex	Broccoli		Castlemor Improved	Tomato	1972
Aragon	Muskmelon	1986	Castlepeel II	Tomato	1982
Argo	Bean	1985	Castlepickle 183	Cucumber	
Arrestor	Sweet Corn		Castlepik	Cucumber	1984
Assal	Watermelon	1985	Castlerock	Tomato	1980
Atlantic	Bean		Castleroyal	Cucumber	1985
Atlantis	Carrot	1987	Castleroyal	Tomato	1983
Aurora	Cucumber	1985	Castlette	Tomato	
Aurora	Muskmelon		Castlong UG	Tomato	1975
Autumn Gold	Pumpkin	1987	Celebrity	Onion	1984
Baccus	Broccoli	1986	Cello King	Carrot	1984
Baja	Tomato	1983	Centennial	Carrot	1986
Baraka	Squash		Centurion	Tomato	1986
Baronet	Watermelon	1984	Challenger	Muskmelon	1983
Barq	Squash	1985	Chancellor	Broccoli	1983
Basket King Hybrid	Tomato	1982	Charleston Elite	Watermelon	1983
Beauty	Cucumber	1983	Checkmate	Sweet Corn	1985
Belle Glade	Radish	1985	Cherry Supreme	Tomato	
Bemol	Pea	1985	Cherry Sweet	Tomato	1983
Beta III	Carrot	1987	Chinook II	Spinach	1983
Bix	Lettuce	1986	Chunky	Tomato	
Blanquita	Squash	1985	Cimmaron	Onion	1986
Blazer	Bean	1986	Citadel	Pea	1986
Blitz	Onion	1988	Citation	Bean	1986
Blondie	Squash	1986	Class Pak	Onion	1985
Bon Bon	Sweet Corn		Classic	Lettuce	1986
Bonanza	Broccoli	1982	Classic Touch	Sweet Corn	1985
Brasilia	Carrot	1984	Coho	Spinach	1984
Brilliant	Onion	1987	Colossol PRR	Onion	1980
Brock Imperial 84	Asparagus	1984	Columbia	Muskmelon	1983
Bronco	Bean	1986	Comet A	Cucumber	1985
Buccaneer	Muskmelon	1983	Commodore	Broccoli	1983
Bullseye	Onion	1985	Conqueror	Muskmelon	1983
Burpee Hybrid II	Cucumber	1984	Conquistador	Muskmelon	1983
Burpeeana Hybrid II	Cucumber	1984	Consul	Squash	1985
Burton	Tomato	1985	Contessa	Onion	1986
Bush Baby II	Watermelon	1985	Corona	Squash	1986
Bushel	Squash	1984	Coronado	Tomato	
Bushkin (VP)	Pumpkin	1985	Cortez	Muskmelon	1985
Butter Blossom	Squash	1987	Cotton Candy EH	Sweet Corn	1987
Calico Belle	Sweet Corn	1987	Crimson Tide	Watermelon	1984
Candid Charm	Cauliflower	1983	Crispy Hybrid	Pepper	1983
Cannon	Lettuce	1986	Crystal Bell	Sweet Corn	1986
Cardinal	Watermelon	1985	Crystal Wax PRR	Onion	
Carmelita	Tomato		Crystal Wax Pickling PRR	Onion	1983
Carmen F1	Watermelon	1985	Crystal Whhe	Radish	1986
Carnival	Sweet Corn	1984	Cutlass	Bean	1985
Carolong	Carrot	1988	Dagger 78	Carrot	1978
Caropak	Carrot	1985	Dandy	Radish	
Carousel	Sweet Corn	1985	Debut	Spinach	1985
Casadvance	Tomato	1982	Del Oro	Tomato	1984
Cascade	Spinach		Delta	Cucumber	1986
Cascade	Tomato	1984	Delta Queen	Watermelon	1985
Castle 499	Tomato	1978	Dessex Yellow PRR	Onion	1963
Castle Black	Squash	1983	Detroit Supreme	Beet	1984
Castle Crown	Tomato		Diaga	Onion	1984
Castle King	Tomato		Diamond King F1	Watermelon	1985
Castle Pride	Squash	1983	Diego	Tomato	1984
Castle Queen	Squash	1985	Discovery	Carrot	1984

<u>VARIETY</u>	<u>CROP</u>	<u>YEAR</u>	<u>VARIETY</u>	<u>CROP</u>	<u>YEAR</u>
Diyala	Cucumber	1985	Huck Finn	Watermelon	1985
Domino	Pepper		Huron	Carrot	1987
Dynasty	Cabbage	1985	Hybrid 5040	Tomato	1985
Eagle	Carrot	1987	Hybrid 724	Tomato	1984
Earligold F1	Muskmelon	1985	Hybrid 896	Tomato	1984
Earlimark F1	Muskmelon	1985	Hybrid 898	Tomato	1984
Early Acorn Hybrid	Squash	1982	Hybrid Aseel	Cucumber	
Early Arctic	Sweet Corn		Hystyle	Bean	1985
Early Curly	Cabbage	1985	Igloo	Cauliflower	
Early Eastern Shipper	Muskmelon	1987	Illini Gold	Sweet Corn	
Early Glacier	Cauliflower	1983	Intrepid	Muskmelon	1983
Early Grand PRR	Onion	1981	Ivory 'N Gold	Sweet Corn	
Early Premium PRR	Onion	1965	Jackpot	Squash	1985
Early Pride Hybrid	Cucumber	1983	Jade	Cucumber	1984
Early Prolific F-2	Eggplant		Jade	Squash	1985
Early Snowflake	Cauliflower		Javelin	Bean	1985
Early Supreme PRR	Onion	1964	Javelin 80	Carrot	1980
Easter Egg	Radish	1983	Jupiter	Pea	1986
Elegance	Pea	1984	Kodiak	Sweet Corn	
Envy	Pea	1985	Kurinan	Carrot	1984
Eureka	Bean	1986	Lancer	Squash	
Eva	Tomato		Laureat	Bean	1985
Even Sweeter	Sweet Corn	1987	Lemonbar	Squash	1986
Excellency	Sweet Corn	1985	Limelight Hybrid	Muskmelon	1984
Explorer	Muskmelon	1983	Little Leprechaun	Lettuce	1983
FM 0502	Sweet Corn	1985	Longreen	Cucumber	
Falcon	Carrot	1987	Madrigal	Bean	1984
Fame	Lettuce	1986	Majestic	Cauliflower	1983
Fancipak	Cucumber	1985	Manisa	Cucumber	1985
Flair	Pea	1987	Maranda	Tomato	1985
Florabred	Tomato	1986	Mark II	Carrot	1985
Fremont	Cucumber	1985	Maya	Onion	1985
Gabilan	Leek	1984	Mellow Gold	Squash	1987
Gain	Pea	1986	Meloso	Muskmelon	1985
Galaxy	Broccoli	1984	Mendota	Pea	
Gallena	Carrot	1985	Menuet	Pea	1984
Galo	Muskmelon	1985	Midnight Express	Squash	1985
Gator	Tomato	1986	Midstar	Onion	1986
Gemstone	Lettuce	1981	Mikado	Bean	
Genesis	Cabbage	1987	Milano	Tomato	1985
Genoa	Tomato	1985	Minia	Bean	1986
Giant Ace	Pepper		Mission	Muskmelon	1983
Gipsy	Bean	1987	Missouri	Tomato	1986
Glacier	Cauliflower	1983	Mistic	Tomato	
Glacier	Onion	1985	Mystro	Tomato	
Gloria	Cabbage	1984	Nadine	Cucumber	1985
Glory PRR	Onion	1981	Napier	Sweet Corn	1982
Gold Master	Muskmelon	1987	Nomad	Pea	1986
Gold Ring	Sweet Corn	1985	Nova	Muskmelon	1983
Gold Rush PRR	Onion	1983	Ocala	Cabbage	
Golden Harvest	Muskmelon	1988	Olympia	Spinach	1982
Golden Pride	Muskmelon	1988	Olympian F1	Cucumber	1985
Golden Shipper	Muskmelon	1988	Oregon 523	Pea	1985
Golden Yellow	Onion	1964	Oregon Spring	Tomato	
Goldfinger	Squash	1985	Ozarka II	Spinach	1984
Goya	Pea	1984	Pacific	Tomato	1986
Green Bouquet	Basil	1983	Paradise PRR	Onion	1981
Green Magic II	Squash	1986	Paragon	Onion	1986
Green Towers	Lettuce	1985	Pavo	Squash	1985
Green Valley II	Spinach	1984	Payload	Pea	1985
Greenfield	Lettuce	1985	Pennant	Cabbage	1985
Grisette	Squash	1983	Pie-N-Pie Hybrid	Squash	1985
H300	Tomato	1985	Podsquad	Bean	1986
Harvest Pride	Muskmelon	1986	Polaris	Pea	
Henry's Special PRR	Onion	1965	Prelude	Okra	1984
Hermitage	Tomato		Premier	Squash	1982
Hidalgo	Pepper	1985	Prima Belle	Pepper	1987
Honey 'N Pearl	Sweet Corn		Primepak	Cucumber	1986
Honey Gold	Sweet Corn	1985	Primero PRR	Onion	1968
Honey Moon	Muskmelon	1987	Propak	Tomato	1985
Honeybush	Muskmelon		Purple Belle	Pepper	1984

<u>VARIETY</u>	<u>CROP</u>	<u>Year</u>	<u>VARIETY</u>	<u>CROP</u>	<u>Year</u>
Rainier	Spinach	1982	Sun Sweet	Sweet Corn	1986
Rama	Squash	1986	Sunbeam	Sweet Corn	1985
Rampart	Pea	1985	Sundance	Watermelon	1985
Ranch	Tomato		Sundrop	Tomato	1985
Red Ace	Beet	1981	Sunrise	Muskmelon	1987
Red Commander PRR	Onion	1971	Sunset	Pea	
Red Pak	Radish	1986	Sunsweet	Watermelon	1984
Regal PRR	Onion	1980	Superior	Tomato	1981
Regency	Squash	1983	Sweet Amber	Onion	1986
Reliant	Tomato	1983	Sweet Belle	Sweet Corn	1985
Richgreen Hybrid Zucchini	Squash	1982	Sweet Charlie	Watermelon	1984
Ringer Grano PRR	Onion	1968	Sweet Delight	Cucumber	1983
Rip Van Winkle	Onion	1985	Sweet Georgia	Onion	1984
Rival	Sweet Corn	1985	Sweet Ring	Onion	1985
Robust White PRR	Onion	1964	Sweet Vidalia	Onion	1985
Rock	Cucumber	1983	Sweetchex	Sweet Corn	
Rocky Gold	Squash	1983	S w e e t e x	Onion	1987
Rojo	Onion	1987	Sweetheart	Onion	1985
Rosa	Lettuce	1981	Sweetie	Sweet Corn	
Royal Delight	Tomato	1986	Sweetie B.S.	Lettuce	1981
Royal Star	Tomato	1986	Tambell-2	Pepper	1985
Rubra	Lettuce	1981	Tango	Onion	1985
Saber	Pea	1985	Taylor	Tomato	1985
Salad Bibb	Lettuce	1985	Tess	Bean	1985
Samson	Muskmelon		Texspan PRR	Onion	1981
Sangria	Watermelon	1985	Texstar 80 Yellow PRR	Onion	1980
Santa Clara	Tomato	1986	The Beef	Tomato	1984
Santiam	Tomato		Thermal	Sweet Corn	1983
Sassy	Spinach	1986	Thrive	Bean	1987
Sassy Brassy	Onion	1985	Tigris	Cucumber	1985
Savory	Carrot	1986	Toudo Hybrid	Carrot	1985
Seminole	Carrot	1985	Treat	Pea	1987
Seneca Gold-N-Crystal	Sweet Corn	1986	Trek	Pea	1985
Seneca Gold-N-Pearl	Sweet Corn	1986	Tropicana Red PRR	Onion	1964
Seneca Sunlite	Sweet Corn	1987	Twice-as-Nice	Sweet Corn	1987
Sentry	Bean	1986	Two Seasons Hybrid	Cabbage	1982
Show Boat	Cabbage	1985	Tyee	Spinach	1982
Shurouq	Squash	1985	Ural	Tomato	1986
Silver Bullet	Sweet Corn	1986	Utrillo	Pea	1985
Single Beefsteak VFN	Tomato	1983	Vantage	Broccoli	
Six Pence	Carrot	1985	Verdemax	Squash	
Skookum	Spinach	1982	Vista	Bean	1987
Snow Belle	Radish	1983	Volare	Bean	1985
Snowball T-1	Cauliflower		Vulcan	Pea	1985
Snowball T-2	Cauliflower		Waltham Delite	Squash	1985
Snowball T-3	Cauliflower		White Creoso PRR	Onion	1968
Snowball T4	Cauliflower		White Express	Onion	1982
Snowbelle	Sweet Corn	1985	White Knight	Sweet Corn	1984
Special 38	Onion	1983	White Majesty PRR	Onion	1964
S p r i n t e r	Carrot	1985	White Tampico PRR	Onion	1982
Sprout	Bean	1986	Wonder Giant	Pepper	
Stars-N-Bars	Sweet Corn	1986	Yankee Belle	Sweet Corn	1983
Sugar Crunch	Sweet Corn		Zenith F1	Squash	1985
Sugar Treat	Sweet Corn	1985	Zippy Hybrid	Pepper	1982
Sugarama	Watermelon	1984			
Summit	Tomato	1985			

Seed Producers Submitting Varieties for Naming on ASHS Vegetable Variety List XXIII

Agway Inc., P.O. Box 4741, Syracuse, NY 13221
Alf Christianson Seed Co., P.O. Box 98, Mount Vernon, WA 98273
Arco Seed Co., 110 E. Ross Road, El Centro, CA 92243
Asgrow Seed Co., 7000 Portage Road, Kalamazoo, MI 49001
A.L. Castle, Inc., P.O. Box 877, Morgan Hill, CA 95023
Campbell Soup Co., Cirt, Route 1, Box 1314, Davis, CA 95616
Crookham Company, P.O. Box 520, Caldwell, ID 83606-0520
Dessert Seed Co., 110 E. Ross Avenue, El Centro, CA 92243
Ferry-Morse Seed Co., P.O. Box 100, Mountain View, CA 94042
Goldsmith Seed, Inc., P.O. Box 1349, Gilroy, CA 95020
Harris Moran Seed Co., 3670 Buffalo Road, Rochester, NY 14624

Illinois Foundation Seeds, Inc., P.O. Box 722, Champaign, IL 61820
Musser Seed Co. Inc., 301 4th Avenue, S., Twin Falls, ID 83303-1406
Northrup King Co., P.O. Box 1827, Gilroy, CA 95020
Oregon State University, Department of Horticulture, Corvallis, OR 97331
Robson Seed Farm Corporation, 1 Seneca Circle, Hall, NY 14463
Rogers Bros. Seed Co., P.O. Box 80, Idaho Falls, ID 83402
Seedway, Inc., Hall, NY 14463
Sunseeds, 9531 W. 78th Street, #229, Eden Prairie, MN 55344
Sunseeds, 9870 Fairview Road, Hollister, CA 95023
W. Altee Burpee Co., 300 Park Avenue, Warminster, PA 18974
University of Wisconsin, Department of Horticulture, Madison, WI 53706