

2017 Annual Potato Field Day

*Texas Potato breeding and Variety
Development Program*

*Texas A&M AgriLife Research
Department of Horticultural Sciences
Texas A&M University
Cooperator: Springlake Potato Sales, Inc.*



2017 Field Day Handbook

Texas Potato Breeding and Variety Development Program

Creighton Miller, Isabel Vales, Jeff Koym, and Douglas Scheuring

Department of Horticultural Sciences



Texas A&M University

July 13, 2017

Hosted by Springlake Potato Sales, Inc.

Bruce Barrett

Steve Barrett

Tim Gonzalez

**Funds Received to Support
The Texas Potato Variety Development Program
July 1, 2016- June 30, 2017**

USDA/NIFA (Special Research Grants Program, Potato Research)	\$73,500
Potatoes USA Grant for National Chip Breeders Trial – Texas	\$10,000
Potatoes USA Grant for Zebra Chip Evaluations	\$10,000
Royalty returned to program	\$125,000
Director’s Office AgriLife Research- ZC Research	\$50,000
TDA Zebra Chip Research	\$68,267
USDA/ARS Germplasm- ZC Research	\$12,625
COALS Merit Fellowship (Sam Vigue)	\$31,235
	\$380,627

Expected July 1, 2017 – June 30, 2018:

USDA/NIFA (Special Research Grants Program, Potato Research)	\$99,997
Potatoes USA Grant for National Chip Breeders Trial – Texas	\$10,000
Potatoes USA Grant for Zebra Chip Evaluations	\$10,000
Royalty Returned to Program (Estimated)	\$125,000
COALS Excellence Fellowship	\$23,650
	\$268,647

In-kind support:

Springlake Potato Sales (Bruce Barrett, Steve Barrett, Tim Gonzalez, and Cliff Black)	\$40,000
CSS Farms (Milt Carter, Steve Gangwish, Grant Monie, Jerry Henderson, Lucilla Carpio, John Scheuring, Adam Naslund, Kelly Kuball, and Brian Zens)	\$40,000
	\$80,000

The Texas Potato Variety Development Program Team:

- Creighton Miller – Project Director
- Isabel Vales – Project Co-Director
- Jeff Koym – Senior Research Associate
- Douglas Scheuring – Senior Research Associate
- Julien Levy – Post Doctoral Research Associate
- Angel Chappell – Technical Assistant II/Lab Manager
- Mike Jenson – Technical Assistant Lubbock

Sam Vigue – Graduate Student

Sydnee Coates, Liz Vielma, and Tyler Roberts - Student Workers

As of June 7, 2017

Current Licensees for Russet Norkotah Potato Strains, TXNS 112, TXNS 223, TXNS 278, & TXNS 296

Licensee	Contact	Location	Phone
Ashton Combined Certified Seed	Sean Maupin	Ashton, Idaho	(208) 652-3774
Bjornstad Farms	Tom Bjornstad	Walhalla, North Dakota	(701) 370-0693
California-Oregon Seed Inc.	Robert Campbell	Oakdale, California	(209) 847-4660
Cheyne Brothers	Scott Fenters	Malin, Oregon	(541) 732-2028
Clear Horizons Seed Labs	Chase Engel	Scottsbluff, Nebraska	(308) 760-3380
Clemenson-Sobolik Farms	Kris Sobolik	Hoople, North Dakota	(701) 894-6379
Cottom Seed, Inc.	Steve Cottom	Dillon, Montana	(406) 660-6266
Countrywide Potato	Joe Thompson	Alliance, Nebraska	(800) 922-7699
CSS Farms	Milt Carter	Watertown, South Dakota	(605) 886-2577
Dan Kimm Cert. Seed Potatoes	Jack Meyer	Manhattan, Montana	(406) 209-5476
Dennie Arnold Farms	Dennie Arnold	Felt, Idaho	(208) 456-2873
Foster Land and Cattle Co	Brad Foster	Rigby, Idaho	(208) 538-5172
G&G Farms, LLC	Doug Gunnels	Center, Colorado	(719) 754-2471
Golden Ridge Farms	Paul Duncan	Jackson, Idaho	(208) 436-0502
H & H Farms	Bruce Heersink	Monte Vista, Colorado	(719) 852-2706
Hansen Seed Potatoes LLC	Chad Hansen	Dillon, Montana	(406) 683-8255
Jackson-Brush Plant Lab	Jolene Brush	Norris, Montana	(406) 685-3340
Jim Carlson Farms	Jim Carlson	Culver, Oregon	(541) 546-2632
Jorde's Certified Seed Potatoes	Mitch Jorde	Cando, North Dakota	(701) 968-3244
Lane Farms, Inc.	Rob Lane	La Grande, Oregon	(541) 786-5263
Little Camas Seed Company	Don McFarland	Twin Falls, Idaho	(208) 734-0004
Martinez Farms	Segundo Diaz	Alamosa, Colorado	(719) 852-2498
Moss Farms Operations LLC	Klade Williams	Rupert, Idaho	(208) 434-2038
Palmgren Farms Inc.	Kent Palmgren	Center, Colorado	(719) 850-2084
Parkinson Seed Farm	Dirk Parkinson	St. Anthony, Idaho	(208) 652-7340
Price Farms Certified Seed Co.	Kent Price	Center, Colorado	(719) 754-2112
Pure Potato, LLC	Marlys Bedlington	Lynden, Washington	(360) 354-6555
Real Potatoes Ltd	Gerard Basten	Cornwall, PEI, Canada	(902) 368-2669
Salazar Farms	Leroy Salazar	Manassa, Colorado	(719) 376-5412
Schroeder Bros. Farms, Inc.	John Schroeder	Antigo, Wisconsin	(715) 623-2689
Skyline Farms	Bruce Arnold	St. Anthony, Idaho	(208) 456-2537
Summit Plant Laboratories	Vicki Lee	Fort Collins, Colorado	(970) 224-2021
Ted Baginski & Sons	Mike Baginski	Antigo, Wisconsin	(715) 627-7753
Valley Tissue Culture	Sandi Aarestad	Halstad, Minnesota	(218) 456-2161
Zapata Seed	Brian Brownell	Hooper, Colorado	(719) 754-9048

Current Licensees for ‘Reveille Russet’ Potato

Licensee	Contact	Location	Phone
Bothell Seed, LLC	Eric Bothell	Center, Colorado	(719) 754-3686
Bula Potato Farms Inc.	Adam Bula	Antigo, Wisconsin	(715) 275-3430
Clear Horizons Seed Lab	Chase Engel	Scottsbluff, Nebraska	(308) 760-3380
Countrywide Potato	Joe Thompson	Alliance, Nebraska	(800) 922-7699
CSS Farms	Milt Carter	Watertown, South Dakota	(605) 886-2577
Everything Potatoes, Inc.	Sandy Bragg	Idaho Falls, Idaho	(208) 227-6435
G & G Farms, LLC	Doug Gunnels	Center, Colorado	(719) 754-2471
Hanson Seed Farm LLC	Scott Hanson	Cornell, Michigan	(906) 384-6908
Krueger Seed Farms, Inc.	Rodney Krueger	Hawks, Michigan	(989) 734-2755
Martinez Farms, LLC	Segundo Diaz	Alamosa, Colorado	(719) 852-2498
Salazar Farms	LeRoy Salazar	Manassa, Colorado	(719) 376-5412
Sklarczyk Seed Farm, LLC	Ben Sklarczyk	Johannesburg, Michigan	(989) 731-5452
Summit Plant Laboratories	Vicki Lee	Fort Collins, Colorado	(970) 224-2021
Valley Tissue Culture	Sandi Aarestad	Halstad, Minnesota	(218) 456-2161
Worley Family Farms LLC	Carla Worley	Monte Vista, Colorado	(719) 852-4097
Zapata Seed	Brian Brownell	Hooper, Colorado	(719) 754-9048

Texas Potato Variety Development Program 2017 Trials

Location	Trial	Planted	
Springlake	Mycorrhizal Study	3/27/17	
	Spacing-Fertility (2)	3/27/17	
	Glycol (12)	3/27/17	
	Western Region Chip (18)	3/27/17	
	Texas Advanced Chip Selections (31)	3/27/17	
	Field Day Red/Specialty (100)	3/21/17	
	Western Region Red (4)	3/23/17	
	Texas Advanced Selections Red (11)	3/23/17	
	Western Region Red/Yellow (7)	3/23/17	
	Field Day Russet/Chip (104)	3/21/17	
	Texas Advanced Selections Red/Yellow Flesh (4)	3/23/17	
	Southwestern Purple Skin Purple Flesh (8)	3/23/17	
	Texas Advanced Selections Small Potatoes (18)	3/25/17	
	Western Region White/Yellow (7)	3/25/17	
	Texas Advanced Selections White Skin Yellow Flesh (5)	3/25/17	
	Western Region Russet (10)	3/25/17	
	Texas Advanced Selections Russet (13)	3/25/17	
	Ron French Pesticide Trial (16)	3/27/17	
	Commercial Specialty (8)	3/27/17	
	Maturity Study (20)	4/3/17	
	Total Entries	382	
Dalhart	National Chip (169)	5/17/17	
	16SELChip (124)	5/17/17	
	Western Region Chip (19)	5/17/17	
	Texas Advanced Chip Selections (43)	5/17/17	
	Commercial Specialty (8)	5/18/17	
	Western Region Red (4)	5/18/17	
	Texas Advanced Red Selections (20)	5/18/17	
	Western Region Red/Yellow (7)	5/18/17	
	Texas Advanced Red/Yellow Selections (4)	5/18/17	
	Western Region White/Yellow (7)	5/18/17	
	Texas Advanced White/Yellow Selections (12)	5/18/17	
	Texas Advanced Purple Flesh Selections (10)	5/18/17	
	Texas Advanced Small Selections (20)	5/18/17	
	Texas Advanced Fingerling Selections (6)	5/18/17	
	16SEL (158)	5/18/17	
	Western Region Russet (26)	5/18/17	
	Texas Advanced Russet Selections (23)	5/18/17	
	Mycorrhizal Study	5/18/17	
	Total Entries	686	

Seedlings for Selection in Texas - 2017

Seedlings planted at Springlake

Source	Families	Total Planted
Idaho	45	3,936
Total	45	3,936

Seedlings planted at Dalhart

Source	Families	Total Planted
Colorado	92	20,019
Texas	106	15,757
Texas mini tubers	7	443
Idaho	43	6,641
North Dakota	76	8,563
Total	324	51,423

Grand Total – 55,359 seedlings from 369 families (crosses) were planted in 2017.

2017 Field Day Trial in Entry Order

Red, Red Yellow Flesh, Specialty Selections/Varieties

Red Skin White Flesh

Chieftain (001)-Round Red. Parentage (Ia1027-18 x La1354). Cross was made and selected at Iowa State University.

Uses: fresh

Strength: yield+, large tubers

Weakness: light skin, silver scurf

Cutting Notes:

Red LaSoda (002)-Oblong Red. Parentage (Triumph x Katahdin). Cross was made and selected in Louisiana. Red LaSoda is a clonal selection from LaSoda made by Louisiana State University. Medium maturity. Medium-large vine size. Purple flower color.

Uses: fresh

Strength: yield++

Weakness: deep eyes, ZC silver scurf

Cutting Notes: deep eyes

COTX00104-6R (003)- Round Red. Parentage (ND3574-5R X C086218-2). Cross was made in Colorado and selected in Texas. Early maturity. Medium vine size. Purple flower color.

Uses: fresh

Strength: nice shape

Weakness: silver scurf, road map, poor skin, many B's

Cutting Notes: uniform size and shape, medium shallow, medium tubers, round

PORTX03PG25-2R/R (004)-Round Red/Red. Parentage (PA97B35-1 x PA99P7-2). Cross was made in Prosser, WA, tuberling grown in Oregon and selected in Texas.

Uses: fresh.

Strength: BOT, good skin, shape, and flesh, nice red flesh

Weakness: silver scurf, low tuber number, too fat and short, FC=4.0

Cutting Notes: small tubers, uniform size, pointy, dark red flesh, juicy flesh, niche, some skinning? Intense red flesh, long

ATX05186-2R (005)-Oblong Red. Parentage (A99433-5Y x VC1075-1R). Cross was made in Idaho, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: heavy set, move to small trial, white flesh, nice shape, uniform

Weakness: small, some spreading, many B's, very small, silver scurf, light set

Cutting Notes: small, uniform size and shape

ATX08121-5R (006)-Oblong Red. Parentage (A02267-5PY x CO98012-5R). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength: nice shape and color

Weakness: variable size, drop, large tubers, light skin, silver scurf

Cutting Notes: heat sprouts, small, uniform size and shape, poor seed quality

BTX2332-1R (007)-Oblong Red. Parentage (B1523-4 x Super Red Norland). Cross was made in

Beltsville, MD and selected in Texas. Medium maturity. Large vine size. Lavender flower color

Uses: fresh

Strength: nice shape, large tubers, nice size, BOT

Weakness: light set, some buff, silver scurf

Cutting Notes: uniform size and shape

COTX00104-6R (008)-Round Red. Parentage (ND3574-5R X C086218-2). Cross was made in Colorado and selected in Texas. Early Maturity. Medium vine size. Purple flower color.

Uses: fresh

Strength: nice shape

Weakness: silver scurf, road map, poor skin, many B's

Cutting Notes: uniform size and shape, medium shallow eyes, medium tubers

COTX07054-2R (009)-Oblong Red. Parentage (ATDC9801-3P x CO99076-6R) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice skin, nice size, keep, BOT-, nice shape, uniform

Weakness: small, silver scurf

Cutting Notes: uniform size and shape

NDTX12248Y-1R (010)-Red. Parentage (95043.11 x Dakota Ruby) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

NDTX1458-2R (011)-Red. Parentage (Dakota Jewel x ND113203-2R) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: uniform shape and size, poor seed quality

NDTX5438-11R (012)-Round Red. Parentage (ND4339-10R x ND4269-9R). Cross was made in North Dakota and selected in Texas. Late maturity. Medium vine size. Lavender flower color.

Uses: fresh

Strength: nice skin

Weakness: poor yield

Cutting Notes: dark red skin color, poor seed quality

TX11448-2R (013)-Oblong Red Parentage (Rio Rojo x COTX94218-1R) Cross was made and selected in Texas.

Uses: fresh

Strength: uniform

Weakness: small, silver scurf

Cutting Notes: medium, very uniform size, scab, for Bruce B

TX12472-4R (014)-Round Red/Yellow. Parentage (COTX94218-1R x COTX04188-3R/Y). Cross was made and selected in Texas.

Uses: fresh
Strength: BOT, nice shape, heavy set
Weakness: light skin, silver scurf
Cutting Notes: small, champagne skin color

TX13524-2R (015)-Oblong Red. Parentage (NDTX4271-5R x ATTX06246-1R). Cross was made and selected in Texas.

Uses: fresh
Strength:
Weakness:
Cutting Notes: small, half shriveled, small, uniform size and shape

TX14611-1R (016)-Red. Parentage (BTX2332-1R x COTX04050-1P/P). Cross was made and selected in Texas.

Uses: fresh
Strength:
Weakness:
Cutting Notes: excellent seed quality, uniform size and shape

TX14612-1R (017)-Red. Parentage (BTX2332-1R x NDTX4784-7R). Cross was made and selected in Texas.

Uses: fresh
Strength:
Weakness:
Cutting Notes: decent seed quality, brown center, oblong

TX14614-1R (018)-Red. Parentage (COTX02172-1R x BTX2332-1R). Cross was made and selected in Texas.

Uses: fresh
Strength:
Weakness:
Cutting Notes:

TX14614-3R (019)-Red. Parentage (COTX02172-1R x BTX2332-1R). Cross was made and selected in Texas.

Uses: fresh
Strength:
Weakness:
Cutting Notes:

TX14615-3R (020)-Red. Parentage (COTX02172-1R x NDTX4784-7R). Cross was made and selected in Texas.

Uses: fresh
Strength:
Weakness:
Cutting Notes: shallow eyes, not uniform shape and size

TX14615-4R (021)-Red. Parentage (COTX02172-1R x NDTX4784-7R). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: internal brown spots, very poor seed quality

TX14619-1R (022)-Red. Parentage (NDTX4784-7R x BTX2332-1R). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: large tubers, poor seed, oblong

TX14619-2R (023)-Red. Parentage (NDTX4784-7R x BTX2332-1R). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: decent seed quality

TX14621-2R (024)-Red. Parentage (NDTX4784-7R x NDTX081648CB-4W). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: poor seed, uniform shape and size

TX14621-3R (025)-Red. Parentage (NDTX4784-7R x NDTX081648CB-4W). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: poor seed, uniform shape and size

TX14622-1R (026)-Red. Parentage (NDTX5438-11R x NDTX4784-7R). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: nice skin color, very large, not uniform shape and size

TX14622-2R (027)-Red. Parentage (NDTX5438-11R x NDTX4784-7R). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: very large, not uniform shape and size

Red Skin Yellow Flesh

AC03534-2R/Y (028)-Oval Red. Parentage (ATA98472-2Y x Mazama). Cross was made in Idaho and selected in Colorado. Medium maturity. Medium-large vine size. Purple flower color.

Uses: fresh

Strength: very nice yellow flesh, nice skin color, nice size and shape

Weakness: small, many B's, small potato, silver scurf, FC=3.5

Cutting Notes: dark yellow flesh, medium size tubers, shallow eyes, translucent neuron pattern (flesh), vascular discoloration

ATTX05175s-1R/Y (029)-Round Red/Yellow. Parentage (A99331-2RY X COA99261-IRY). Cross was made in Idaho, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: nice shape, nice flesh, BOT+

Weakness: silver scurf, very small, light skin, FC=3.5

Cutting Notes: dark yellow flesh, small, skinning

ATX02263-1R/Y (030) -Red/Yellow. Parentage (Inca Gold x A92653-6R). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: small, medium yellow, pointy, knobs, heterogenous size and shape

CO05035-1PW/Y (031)-Oblong Purple-White/Yellow. Parentage (Masquerade x US147-96). Cross was made and selected in Colorado. Medium maturity. Large vine size. Red-purple flower color.

Uses: fresh

Strength: nice shape, nice purple color, light yellow flesh

Weakness: rough, light purple skin, silver scurf, some hollow heart, FC=3.0

Cutting Notes: dark yellow flesh, large tubers, pinto skin

COA07365-4RY (032)-Oval Red/Yellow. Parentage (US147-96 x CO99256-2R). Cross was made and selected in Colorado. Medium-early maturity. Medium vine size. Red-purple flower color.

Uses: fresh

Strength:

Weakness:

Cutting Notes: dark red skin, skinning, anthocyanin streaking, uniform size and shape, yellow flesh, very nice skin

NDTX059759-3RY/Y Pinto (033)-Oblong Pinto/Yellow. Parentage (ATND 99331-2 Pinto x ND 7834-2P). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice red skin color, nice flesh, smooth skin, BOT

Weakness: some flat, small, many B's, psyllid? some bigger, FC=3.0

Cutting Notes: pinto skin, anthocyanin streaking

ATTX10265-4R/Y (034)-Oblong Red/Yellow. Parentage (A02267-2PY X US 147-96RIY). Cross was made in Idaho, tuberling produced in Texas and selected in Texas.

Uses: fresh

Strength: heavy set, nice flesh, smooth skin, nice shape and flesh, BOT

Weakness: some flat, light skin, small, FC=3.5

Cutting Notes: very nice looking, very dark yellow flesh, decent seed, nice skin-flesh combo, medium red skin, intense yellow flesh

ATTX98514-1R/Y (035)-Oblong Red/Yellow. Parentage (T51YF X A93456-6R). Cross was made in Idaho, tuberling produced in Texas and selected in Texas.

Uses: fresh

Strength: nice flesh, skin, and shape:

Weakness: light yellow flesh, drop++, ZC, hollow heart++, light skin color, some rough, silver scurf, FC=3.5

Cutting Notes: internal necrosis, medium yellow flesh

BTX2103-1R/Y (036)-Oblong Red/Yellow. Parentage (BO811-13 x ARS-W82-21285-1). Cross was made in Beltsville, MD and selected in Texas. Late maturity. Medium vine size. Red-purple flower color.

Uses: fresh

Strength: nice color, smooth, nice dark yellow flesh, nice shape

Weakness: small, light set, silver scurf, FC=4.0

Cutting Notes: dark yellow flesh, half shriveled, very good taste according to Gerard

Sierra Rose (037)-Oblong Red/Yellow. Parentage (A90601-2RDY X Mazama). Cross was made in Idaho, tuberling produced in Texas, and selected in Texas. Early maturity. Medium vine size. Purple flower color

Uses: fresh

Strength: smooth, nice shape BOT-, nice size and shape

Weakness: heat sprouts, light yellow flesh, some silver scurf, FC=2.5

Cutting Notes: dark skin color, medium size, medium yellow flesh, lots of silver scurf

TX12471-1R/Y (038)-Oblong Red/Yellow. Parentage (COTX94218-1R x CO04021-2R/Y). Cross was made and selected in Texas.

Uses: fresh

Strength: good color, nice shape, smooth

Weakness: variable size, very small, shape??. light flesh, FC=2.5

Cutting Notes: medium yellow flesh, mixed with white flesh, rotting, drop, mix?, bad seed, ugly, not uniform shape and size

White/Yellow Flesh

Yukon Gold (039)-Oblong White/Yellow. Parentage (W5279-4 x Norgleam). Cross was made and selected in Ontario, Canada. Released in 1980 by Agriculture Canada, The University of Guelph, and The Ontario Ministry of Agriculture and Food, Guelph, Ontario. Medium-early maturity. Medium-large vine size. Violet flower color.

Uses: fresh

Strength: smooth, nice shape and flesh,

Weakness: FC=3.

Cutting Notes: nice, large tubers, medium yellow skin, few eyes, hard to cut, not uniform shape and size

A06336-2Y (040)-Oval White/Yellow. Parentage (VC1009-1W/Y x US 147-96 R/Y). Cross was made and selected in Idaho. Medium-early maturity. Medium vine size. Light purple flower color.

Uses: fresh

Strength: red eyes, nice flesh, smooth skin

Weakness: some pear shaped, skin color??., light set, small, FC=3.3

Cutting Notes: medium yellow flesh, pink sprouts, nice skin, easy to cut

A06336-5Y (041)-Oval White/Yellow. Parentage (VC1009-1W/Y x US 147-96 R/Y). Cross was made and selected in Idaho. Medium-early maturity. Medium vine size. Light purple flower color.

Uses: fresh

Strength: high set, nice size, small potato, nice shape and flesh

Weakness: small, very small, skin color, small potato, FC=3.0

Cutting Notes: shiny skin, dark yellow flesh, yellow skin with pink tint, medium size, champagne skin color, shiny skin, intense yellow flesh

CO09079-5PW/Y (042)-Oval White/Yellow. Parentage (CO04117-5PW/Y x A00286-3Y). Cross was made and selected in Colorado. Medium-early maturity. Medium vine size. Purple flower color.

Uses: fresh

Strength:

Weakness:

Cutting Notes: pinto skin, medium to intense yellow flesh

CO09127-3W/Y(043)-Oblong White/Yellow. Parentage (A00293-2Y x CO00412-5W/Y). Cross was made and selected in Colorado. Early maturity. Small vine size.

Uses: fresh

Strength:

Weakness:

Cutting Notes: dark intense yellow flesh

CO09128-3W/Y (044)-Oval White/Yellow. Parentage (A00293-2Y x CO03060-2W/Y). Cross was made and selected in Colorado. Early maturity. Small vine size. Light purple flower color.

Uses: fresh

Strength:

Weakness:

Cutting Notes: intense yellow flesh, oval shape, nice skin, shiny

CO09128-5W/Y (045)-Round White/Yellow. Parentage (A00293-2Y x CO03060-2W/Y). Cross was made and selected in Colorado. Early maturity. Medium small vine size. White flower color.

Uses: fresh

Strength:

Weakness:

Cutting Notes: dark intense yellow flesh, uniform size and shape, round tubers

CO09218-4W/Y (046)-Oval White/Yellow. Parentage (ATC00293-1W/Y x CO00412-5W/Y). Cross was made and selected in Colorado. Late maturity. Large vine size. White flower color

Uses: fresh

Strength:

Weakness:

Cutting Notes: medium yellow flesh, large tubers, hard to cut, oval, flat, good storage

AORTX11913-3Wre/Y (047)-Round White-Red Eye/Yellow. Parentage (A03576-5Y x NDA050237B-1R). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: fresh

Strength: splash, nice shape

Weakness: small, very light yellow flesh, some IBS, FC=1.5

Cutting Notes: small, uniform tuber size and shape, pink and yellow skin, white flesh,

AORTX13175-1WSPL (048)-White-Splash/Yellow. Parentage (Barbara x CO02321-4W). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: internal brown spot

ATX08215-6W/Y (049)-White/Yellow. Parentage (COA00272-1C x A02257-1Y). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

ATX08215-7W/Y (050)-White/Yellow Parentage (COA00272-1C x A02257-1Y). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

ATX10325-1W/Y (051)-White/Yellow. Parentage (A02267-1Y x Teena). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

BTX1749-1W/Y (052)-Oblong White/Yellow. Parentage (K7-6 x BO925-4). Cross was made in Beltsville, MD and selected in Texas. Medium maturity. Large vine size.

Uses: fresh.

Strength: nice shape

Weakness: heat sprouts, variable size, road map, poor skin finish, some IBS, some buff skin, FC=2.0

Cutting Notes: medium yellow flesh

COTX03134-1W (053)-Round White. Parentage (Laratte x PA97B36-3). Cross was made in Colorado and selected in Texas. Late maturity. Small vine size. Red purple flower color.

Uses: fresh

Strength: nice size, BOT for small potato, smooth, nice shape

Weakness: lots of smalls, white flesh, FC=1.0

Cutting Notes: mixed? nice, small potato, translucent flesh

COTX05249-3WRE/Y (054)-Round White-Red Eye/Yellow. Parentage (CO00320-1R x ATC98509-1R/Y) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: heavy set, move to small trial

Weakness: small, mixed flesh, light set, not red eye, drop+++ , light flesh, red eyes, some rough, small, FC=2.0

Cutting Notes:

COTX10097-2W/Y (055)-Oblong White/Yellow. Parentage (CO04067-10W/Y x CO00412-5W/Y). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: yield+, nice shape and flesh, BOT+

Weakness: variable size, FC=3.5

Cutting Notes: dark yellow, small

Sierra Gold (056)-Round-Oblong Russet/Yellow. Parentage (Krantz x Delta Gold). Cross was made and selected in Texas. Early maturity. Medium vine size.

Uses: fresh

Strength: nice uniform, very nice skin, shape, and flesh BOT+

Weakness: FC=3.5

Cutting Notes: uniform size and shape

TX14602-2W/Y (057)-White/Yellow. Parentage (COTX05095-2Ru/Y x Atlantic). Cross was made and selected in Texas.

Uses: chip

Strength:

Weakness:

Cutting Notes:

TX14669-2W/Y (058)-White/Yellow. Parentage (AC00206-2W x ATTX07042-3W). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

TX14670-2W/Y (059)-White/Yellow. Parentage (MSN190-2 x ATTX07042-3W). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

TX14675-1W/Y (060)-White/Yellow. Parentage (NDTX081648CB-4W x Waneta). Cross was made and selected in Texas.

Uses: chip

Strength:

Weakness:

Cutting Notes:

TX14675-3W/Y (061)-White/Yellow. Parentage (NDTX081648CB-4W x Waneta). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

TXWL-1 (062)-Oblong White. Parentage (Triumph x Katahdin).

Uses: fresh

Strength: nice white flesh, red eyes, some splash, yield+

Weakness: oversized, deep eyes, rough, brown center, FC=1.0

Cutting Notes: dark yellow skin with pink splashes

Small Potato

ATX05175S-1R/Y (063)-Round Red/Yellow. Parentage (A99331-2RY X COA99261-IRY). Cross was made in Idaho, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: nice shape, nice flesh, BOT+

Weakness: silver scurf, very small, light skin, FC=3.5

Cutting Notes: half shriveled, nice yellow flesh, uniform size and shape

ATX98444S-16R/Y (064)-Oblong Red/Yellow. Parentage (A83360-9R X T48YF). Cross was made in Idaho, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: very heavy set, very nice flesh, numbers good, good shape and flesh BOT++

Weakness: poor skin, silver scurf, small, FC=4.0

Cutting Notes: dark intense yellow flesh, small, uniform size and shape

ATX05186S-1R (065)-Oblong Red. Parentage (A99433-5Y x VC1075-1R). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength: pretty red, nice skin, nice size

Weakness: rough, drop, deep eyes??, some road map, FC=1.0

Cutting Notes: medium size tubers, white to light yellow flesh, move to reds, too large for small groups

ATX05202S-3W/Y (066)-Oblong White/Yellow. Parentage (A00286-3Y x A99433-5Y). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength: high set, yield+, BOT+, nice shape, good numbers and shape, keep

Weakness: heat sprouts, drop, very small, light flesh, poor skin, too big, scurf++FC=2.0

Cutting Notes: medium yellow flesh, uniform size and shape

ATX06264S-4R/Y (067)-Round Red/Yellow. Parentage (A99331-2RY x Durango Red). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness: silver scurf, FC=3.5

Cutting Notes: dark yellow flesh, good storage, uniform size and shape

ATX09044-2W/Y (068)-White/Yellow. Parentage (COA04189-1DY x Jaerla). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

COTX04050S-1P/P (069)-Oblong Purple/Purple. Parentage (CO97215-2P/P x CO97306-2P/P). Cross was made in Colorado and selected in Texas

Uses: fresh

Strength: purple flesh, nice shape, very dark flesh, keep, numbers good and flesh, good skin, keep, nice size and shape

Weakness: heat sprouts, drop, skin color??, some feathering, scurf++, FC=5.0

Cutting Notes: small, uniform size and shape, dark purple skin, dark purple flesh, uniform size and shape, good storage

COTX04193S-2R/Y (070)-Oblong Red/Yellow. Parentage (ATC98515-1R/Y x ND3574-5R). Cross was made in Colorado and selected in Texas. Medium-early maturity. Small vine size.

Uses: fresh

Strength: very nice skin and flesh, BOT++

Weakness: scurf++, small, nice size, silver scurf, FC=4.0

Cutting Notes: small, uniform size and shape, silver scurf, skin bronzing, pink vascular

COTX10073S-1W (071)-Oblong White. Parentage (A97066-42LB x Alpine Russet). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: high set, nice shape, nice size and skin, good yield, smooth, BOT

Weakness: white flesh, drop, FC=1.0

Cutting Notes: light yellow flesh, uniform tuber size and shape

COTX10138S-7W/Y (072)-Round White/Yellow. Parentage (AC99329-7PW/Y x AC03534-2R/Y). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: good numbers and shape, keep, good skin, yield+, nice shape and flesh, BOT

Weakness: purple eyes, cull, drop

Cutting Notes: medium size tubers, medium yellow flesh

COTX10138S-7W/Y (073)-Round White/Yellow. Parentage (AC99329-7PW/Y x AC03534-2R/Y). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: good numbers and shape, keep, good skin, yield+, nice shape and flesh, BOT

Weakness: purple eyes, cull purple eyes, drop

Cutting Notes: medium yellow flesh, small, uniform size and shape

NDTX102816CABS-1W (074)-Round White. Parentage (ND060476CAb-6 x ND7519-1). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice size, good number, lots of very small tubers

Weakness: variable size, small, second set??, drop

Cutting Notes: very white flesh, lots of tubers but heterogeneous sizes, some shriveled

NDTX1287B-1W (075)-Round White. Parentage (ND8559-20 x ND7379B-6). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice size and skin, white flesh

Weakness: light set, FC=1.0

Cutting Notes: small tubers, uniform size and shape, good seed, russet

ORTX14SP082-3RSPL (076)-Red Splash/Yellow. Parentage (SHEPODY x OR04198-1) Cross was made in Oregon and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: dark yellow flesh

TX09406S-1P/P (077)-Round Purple/Purple. Parentage (A99331-2RY x CO00405-1R) Cross was made and selected in Texas.

Uses: fresh

Strength: keep, very dark purple flesh, nice size, good tuber numbers and shape

Weakness: too big for small potato, growth cracks, some white in flesh, flesh, skin??. FC=5.0

Cutting Notes: bad seed (rotten), dark purple flesh, soft marble pattern, uniform size and shape

TX12471-6W/Y (078)-White/Yellow. Parentage (COTX94218-1R x CO04021-2R/Y). Cross was made and selected in Texas.

Uses: fresh

Strength: nice size and flesh, some large tubers, smooth, good numbers, high set, nice skin and flesh, smooth, BOT

Weakness: skinny, variable size, drop, FC=3.0

Cutting Notes: small/medium tubers, medium yellow flesh, nice, small

TX13582-3W (079)-Round White. Parentage (Waneta x PALB03016-3). Cross was made and selected in Texas.

Uses: fresh

Strength: nice size

Weakness: skin finish? white flesh, FC=1.0

Cutting Notes: small, long sprouts, 75% shriveled

TX13582-4W (080)-Round White. Parentage (Waneta x PALB03016-3). Cross was made and selected in Texas.

Uses: fresh

Strength: nice size

Weakness: low set, white flesh, FC=1.0

Cutting Notes: long sprouts, shrinkage 1/2

TX13582-5W (081)-Round White. Parentage (Waneta x PALB03016-3). Cross was made and selected in Texas.

Uses: fresh

Strength: nice size and shape, keep

Weakness: FC=1.0

Cutting Notes: small tubers, russet skin, 1/2 shrinkage, medium sprouts, uniform shape and size

TX14669-4W/Y (082)-White/Yellow. Parentage (AC00206-2W x ATTX07042-3W). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: drop, translucent flesh

AORTX11913-4P (083)-Oblong Purple. Parentage (A03576-5Y x NDA050237B-1R). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: fresh

Strength: white flesh, keep, nice skin finish, nice flesh, ok numbers

Weakness: silver scurf, sticky stolon, variable skin, small, poor shape, too small, drop++, FC=1.0

Cutting Notes: bad seed (many rotten tubers), dark purple skin, very white flesh, 2 in sprouts

NDTX081451CBS-1Y/Y (084)-Oblong Yellow/Yellow. Parentage (Dakota Diamond x Gala) Cross was made in North Dakota and selected in Texas. Late maturity. Large vine size. White flower color.

Uses: fresh

Strength: BOT+, nice skin finish, yield+, nice flesh, nice size, smooth

Weakness: too big, oblong, variable size, FC=3.5

Cutting Notes: dark yellow flesh, small tubers, good storage, not uniform tuber size and shape

Fingerling

AORTX13021-4/W (085)-White. Parentage (A06021-1T x A98345-1). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: medium size tubers

AORTX13077-3W (086)-White. Parentage (A071012-4BF x A06084-1TE). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: large fingerling

ATX12077-5W (087)-White. Parentage (A071012-4BF x A06084-1TE). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

Banana (088)-Long White. Parentage (Grown in British Columbia for over 90 years. Research indicates that the variety might have been introduced to early settlers and natives by Russian fur traders. The exact origin, parental lines or breeding techniques used in its development are not known.)

Uses: fresh

Strength: lots of marketable tubers, nice flesh

Weakness: more culls, some large

Cutting Notes: knobs, irregular shapes

COTX08365F-1P/P (089)-Long Purple/Purple. Parentage (POR01PG16-1 x CO00405-1R) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice, very nice flesh, purple flesh

Weakness: lots of small tubers, not as curved, high set, scurf, all blue-like flesh, FC=3.8

Cutting Notes: purple flesh, outer white ring

COTX13008-5W (090)-White. Parentage (Fortress Russet x CO06057-3RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: orange flesh

Purple-Red Skin/Purple-Red Flesh

Purple Majesty (091)-Oblong Purple/Purple. Parentage (ND2008-2 x All Blue). Cross made and selected in Colorado. Late maturity. Large vine size. Blue flower color

Uses: fresh.

Strengths: very dark flesh

Weaknesses:

Cutting Notes: medium size tubers, dark purple flesh, intense purple flesh, marble pattern

CO08037-2P/P (092)-Oval Purple/Purple. Parentage (CO03031-2R/Rx CO97215-2P/P). Cross was made and selected in Colorado. Medium maturity. Medium vine size. White flower color

Uses: fresh

Strength:

Weakness:

Cutting Notes: medium size tubers, intense dark purple flesh, white center, hollow heart

ATTX98493-2P/P (093)-Purple/Purple. Parentage (P94A2-3Y X BO811-13RY). Cross was made in Idaho, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: nice shape, smooth skin

Weakness: light purple flesh, All Blue-like flesh, silver scurf, FC=4.0

Cutting Notes: small tubers, purple flesh, internal lighter flesh, marble purple flesh, small

ATX08121-3P/Y (094)-Purple/Purple. Parentage (A02267-5PY x CO98012-5R). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength: yellow flesh, keep, uniform, smooth nice skin and flesh

Weakness: small, FC=3.5

Cutting Notes: purple skin, dark yellow flesh, round, bad seed quality, uniform size and shape

COTX10138-19P/Y (095)-Oblong Purple/Yellow. Parentage (AC99329-7PW/Y x AC03534-2R/Y). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: yellow flesh, keep, nice shape

Weakness: poor internals, poor flesh, some IBS, FC=4.0

Cutting Notes: drop, purple skin, bad seed (rotten), yellow flesh, translucent center

NDTX091886-3P/P (096)-Round Purple/Purple. Parentage (COND 04082-8RR X ND 7519-1) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice shape, very dark purple flesh, smooth nice skin

Weakness: light set, low yield, shape??, silver scurf, All Blue-like flesh, FC=4.5

Cutting Notes: uniform size and shape, dark purple flesh, marble pattern

NDTX092237C-2P/WR (097)-Purple/Red. Parentage (ND 049326C-2P x ND 7834-2P) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: medium pink flesh, nice looking, oblong, magenta skin

TX09406S-1P/P (098)-Round Purple/Purple. Parentage (A99331-2RY x CO00405-1R) Cross was made and selected in Texas.

Uses: fresh

Strength: keep, very dark purple flesh, nice size, good numbers and shape

Weakness: too big, growth cracks, some white in flesh, skin??, FC=5.0

Cutting Notes: very dark purple flesh but not uniform (white areas), white sprouts

TX14626-1R/R/Y (099)-Red/Red. Parentage (TX09420-1R/Y x NDTX4784-7R). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: pink flesh pattern, oval

TX14626-2R/R/Y (100)-Red/Yellow. Parentage (TX09420-1R/Y x NDTX4784-7R). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: pink streaking flesh pattern, poor seed quality, not uniform size and shape

Russet, Chip Selections/Varieties

Russet Selections

Reville Russet (001)-Oblong Russet. Parentage (A81473-2 x A8343-12) Cross was made in Idaho, and selected in Texas. Medium maturity. Medium vine size. Lavender flower color.

Uses: fresh

Strength: very nice shape BOT++, higher % of large tubers, heavy set, larger tubers

Weakness: some pointed

Cutting Notes: growth cracks (well healed), nice shape and size

TX08352-5Ru (002)-Long Russet. Parentage (TXA549-1Ru x AOTX98137-1RU). Cross was made and selected in Texas.

Uses: fresh

Strength: nice size, larger tubers, heavy set, BOT- yield+, nice shape,

Weakness:

Cutting Notes: very big, chunky, very large, knobs, ugly, hollow heart, long

TXA549-1RU (003)-Oval Russet. Parentage (ND9687-3Ru x ND9852-1Ru). Cross was made in Texas, selected in Idaho and tested extensively in Alberta, Canada. Medium-late maturity. Medium-large vine size. Purple flower color with white tips.

Uses: fresh

Strength: good yield, blocky, nice skin and shape, BOT

Weakness: some rough, some hollow heart

Cutting Notes: nice shape, round to oblong

COTX09022-3RuRE/Y (004)-Oblong Red Eye Russet/Yellow. Parentage (A00286-3Y x CO99100-1RU) Cross was made in Colorado and selected in Texas. Medium early. Large vine size. White flower color

Uses: fresh

Strength: red eyes, nice flesh, BOT-, yield+

Weakness: round to oblong shape

Cutting Notes: nice yellow flesh, uniform shape and size, oblong to round

Russet Norkotah (005)-Oblong-Long Russet. Parentage (ND9526-4Ru x ND9687-5Ru). Cross was made and selected in North Dakota. Released in 1987 by the North Dakota Agricultural Experiment Station. Early-medium maturity. Medium vine size. Corolla is white and anthers are yellow-orange.

Uses: fresh

Strength: nice shape, nice skin

Weakness: second set, ZC, small, skinny, curved, variable size

Cutting Notes: nice shape and size, uniform size and shape, oblong

Russet Norkotah278 (006)-Oblong-Long Russet. Parentage (ND95264Ru x ND9687-5Ru). Russet Norkotah cross was made and selected in North Dakota. Russet Norkotah 278 is a mutant strain selection made in 1989 by Texas from the variety Russet Norkotah. Early maturity. Medium vine size. White flower color

Uses: fresh

Strength: high yield, nice shape

Weakness: rough, low yield, curved, some rough, too long, pointed

Cutting Notes: nice shape,

Russet Norkotah296 (007)-Oblong-Long Russet. Parentage (ND95264Ru x ND9687-5Ru). Russet Norkotah ross was made and selected in North Dakota. Russet Norkotah 296 is a mutant strain selection made in 1989 by Texas from the variety Russet Norkotah. Early maturity. Medium vine size. White flower color

Uses: fresh
Strength: high yield,
Weakness: poor shape, some rough
Cutting Notes: nice shape, hollow heart,

Stampede Russet (008)-Long Russet. Parentage (BR7091-1 x Lemhi Russet), cross made in Texas, selected in Idaho and tested extensively in Alberta, Canada. Released in 1999 by Agriculture and Agri-Food Canada and the Texas Agricultural Experiment Station. Early maturity. Medium vine size. Lavender flower color.

Uses: fresh
Strength: nice shape, blocky, fat tubers, nice shape, BOT-
Weakness: poor yield, drop, lower yield than RR, nice skin
Cutting Notes: nice shape, some shriveled

Fortress Russet (009)-Oblong Russet. Parentage (AWN86514-2 x A89384-10). Cross was made and selected in Colorado. Medium maturity. Large vine size. White flower color.

Uses: fresh
Strength:
Weakness:
Cutting Notes: medium size, purple flesh streaks

Ranger Russet (010)-Long Russet. Parentage (Butte x A6595-3). Cross was made and selected in Idaho. Released in 1991 by USDA-ARS, and the Colorado, Idaho, Oregon and Washington Agricultural Experiment Stations. Medium-late maturity. Large vine size. White flower color.

Uses: fresh
Strength: nice shape and skin
Weakness: rough, poor shape, pointed, some rough, feathering, small
Cutting Notes: medium sprouts

Russet Burbank (011)-Long Russet. Luther Burbank reported the origin of Russet Burbank in 1914 as a chimeric selection from the variety Burbank by Lou Sweet. Lou Sweet was a potato grower in the western slope area of Colorado and was President of the Potato Association of America in 1920. Late maturity. Large vine size. White flower color.

Uses: fresh
Strength:
Weakness: misshapen, pointed, drop, skinny, rough
Cutting Notes: growth cracks, pointed, pressure cracks

Shepody (012)-Long White. Parentage (Bake King x F58050). Selected in New Brunswick, Canada and released by Agriculture Canada, New Brunswick in 1980. Medium-late maturity. Medium vine size. Light violet flower color with white tips.

Uses: dual
Strength: white skin
Weakness: drop, some rough, heat sprouts+, poor shape
Cutting Notes: not uniform shape

A03141-6 (013)-Oblong Russet. Parentage (A098083-9 x Premier Russet). Cross was made and selected in Idaho. Early maturity. Medium-small vine size. White flower color.

Uses: dual

Strength: nice shape

Weakness: deep eyes, drop, feathering, light skin, heat sprouts, small rough, pointed, light skin, skinny

Cutting Notes: not uniform skin set

A06030-23 (014)-Oblong Russet. Parentage (A99133-6 x Premier Russet). Cross was made and selected in Idaho. Medium early maturity. Small vine size. Whiter flower color.

Uses: dual

Strength:

Weakness:

Cutting Notes: growth cracks, pressure cracks

A07061-6 (015)-Blocky Russet. Parentage (Targhee Russet x Clearwater Russet). Cross was made and selected in Idaho.

Uses: dual

Strength

Weakness:

Cutting Notes: light russet

A08009-2TE (016)-Oblong Russet. Parentage (A00727-1 x A02060-3TE). Cross was made and selected in Idaho. Medium maturity. Medium vine size. White flower color.

Uses: dual

Strength

Weakness:

Cutting Notes: nice russet skin, pressure cracks

A08433-4VR (017)-Oblong Russet. Parentage (A01667-3 x AOND95249-1Russ). Cross was made and selected in Idaho. Medium maturity. Large vine size. White flower color

Uses: dual

Strength

Weakness:

Cutting Notes: nice, uniform size and shape

A003123-2 (018)-Oblong Russet. Parentage (A98082-17 x Premier R). Cross was made in Idaho and selected in Oregon. Medium-late maturity. Medium-small vine size. White flower color.

Uses: dual

Strength: nice shape

Weakness: skinny, curved, light skin, small

Cutting Notes: not uniform size and shape

A006191-1 (019)-Oblong Russet. Parentage (A99134-1 x AC92009-4RU). Cross was made in Idaho and selected in Oregon. Medium-early maturity. Medium vine size.

Uses: dual

Strength: nice dark skin

Weakness: curved, rough, large tubers, pointed, small

Cutting Notes: pressure cracks, good storage

AOR06070-1KF (020)-Oblong Russet. Parentage (Premier R x AO96164-1). Cross was made in Idaho and selected in Oregon.

Uses: process

Strength: nice shape, nice skin

Weakness: small, second set, pointed, poor russet skin, drop, some road map, small

Cutting Notes: growth cracks, pressure cracks

AOR07781-5 (021)-Long Russet Parentage (PA92A08-17 x PALB03035-6). Cross was made in Idaho and selected in Oregon. Medium maturity. Medium vine size. White flower color

Uses: dual

Strength: nice shape, nice skin

Weakness:

Cutting Notes: growth cracks, light yellow/greenish flesh

CO08065-2RU (022)-Oblong Russet. Parentage (Premier Russet x AC98043-2RU). Cross was made and selected in Colorado. Medium maturity. Medium-large vine size. White flower color.

Uses: fresh

Strength: nice dark skin, very nice skin finish, nice shape

Weakness: oblong, variable size, small

Cutting Notes: very nice, good storage, uniform

CO08155-2RU/Y (023)-Oblong Russet/Yellow. Parentage (Fortress Russet x Innovator). Cross was made and selected in Colorado. Medium maturity. Medium vine size. White flower color.

Uses: fresh

Strength: nice light yellow flesh, nice shape

Weakness: drop, light skin, skinny

Cutting Notes: nice russet skin, uniform size

CO08231-1RU (024)-Oblong Russet. Parentage (Crestone Russet x Sage Russet). Cross was made and selected in Colorado. Medium maturity. Large vine size. White flower color.

Uses: fresh

Strength: nice shape

Weakness: variable size, drop, small, light skin second set

Cutting Notes: greenish flesh

AOTX05043-1RU (025)-Oblong Russet. Parentage (A99032-2TE x Summit Russet). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas. Early maturity. Small vine size. White flower color

Uses: fresh

Strength:

Weakness:

Cutting Notes: pointy light russet, skinning, not uniform size

CO09036-2RU (026)-Long Russet. Parentage (AO98282-5 x CO03267-4RU). Cross was made and selected in Colorado. Medium maturity. Large vine size. White flower color.

Uses: dual

Strength:

Weakness:

Cutting Notes: pointy, medium size tubers, uniform size, hard to cut

CO09076-3RU (027)-Oblong Russet. Parentage (CO03380-2RU x CO03202-1RU). Cross was made and selected in Colorado. Medium maturity. Large vine size. White flower color.

Uses: fresh

Strength:

Weakness:

Cutting Notes: nice, long tubers, nice uniform shape and size

CO09165-6W (028)-Long White. Parentage (AC02188-1RU x Crestone Russet). Cross was made and selected in Colorado. Early maturity. Medium small vine size. White flower color

Uses: fresh

Strength:

Weakness:

Cutting Notes: long tubers, light russet

CO09205-2RU (029)-Oblong Russet. Parentage (AOA95154-1 x CO95086-8RU). Cross was made and selected in Colorado.

Uses: dual

Strength:

Weakness:

Cutting Notes: very nice, a little flat, lemony color flesh, nice uniform size and shape

COTX05095-2Ru/Y (030)-Long Russet/Yellow. Parentage (CO99045-1W/Y x AO96164-1). Cross was made in Colorado and selected in Texas. Medium maturity. Medium vine size. White flower color

Uses: fresh

Strength:

Weakness:

Cutting Notes: yellow flesh, nice, lighter skin color, small uniform size and shape

ATX10675-1Ru (031)-Long Russet. Parentage (A05379-217 x Dakota Trailblazer). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength: very nice shape and skin, blocky, BOT

Weakness: pointed, very light skin, road map, small, drop++

Cutting Notes: pointy, green heads, some shriveled seed

ATX11952-1Ru (032)-Long Russet. Parentage (A02515-2 x A98196-5). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness: variable size, blocky, small, deep eyes, growth cracks, poor skin, some rough, skinny

Cutting Notes: pointy shriveled tubers, pear shape, ugly,

ATX12015-2Ru (033)-Russet. Parentage (A03158-2TE x PA08NCBD2-2). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: shriveled seed, heterogeneous shape, large

ATX12058-1Ru (034)-Russet. Parentage (A01010-1 x A07030-12TE). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: some shriveling

COTX05095-2Ru/Y (035)-Long Russet/Yellow. Parentage (CO99045-1W/Y x AO96164-1). Cross was made in Colorado and selected in Texas. Medium maturity. Medium vine size. White flower color

Uses: fresh

Strength:

Weakness:

Cutting Notes: yellow flesh, nice, lighter skin color

COTX08322-10Ru (036)-Russet. Parentage (Blazer Russet x AC96052-1RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: blocky, nice, healthy seed, BOT, medium sprouts

COTX10080-2Ru (037)-Long Russet. Parentage (CO03364-5RU x CO98067-7RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice skin, heavy set++, nice shape, smooth BOT, uniform size and shape

Weakness: ZC, deep eyes, small

Cutting Notes: honey comb russet skin, nice

COTX13215-1Ru (038)-Russet. Parentage (A02507-2LB x CO05110-6RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

COTX13215-2Ru (039)-Russet. Parentage (A02507-2LB x CO05110-6RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: vascular discoloration, some shriveling, BOT, uniform shape and size

COTX13413-1Ru (040)-Russet. Parentage (Dakota Trailblazer x AO02183-2). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: two sets of tuers? shriveled seed

NDTX12237Y-1Ru/Y (041)-Russet/Yellow. Parentage (793101.3 x Russet Norkotah) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: yellow flesh, should it be /W?, shriveled seed, chip?

NDTX12237Y-3Ru/Y (042)-Russet/Yellow. Parentage (793101.3 x Russet Norkotah) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: dark yellow flesh, intense russet

NDTX12237Y-7Ru/Y (043)-Russet/Yellow. Parentage (793101.3 x Russet Norkotah) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: medium yellow flesh, blocky, hard to cut

ORTX14SP017-2Ru (044)-Russet. Parentage (OR09158-119 x PA99N2-1) Cross was made in Oregon and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: some shriveled tubers, pointy

TX13512-1Ru (045)-Oblong Russet. Parentage (Stampede Russet x TXA549-1Ru). Cross was made and selected in Texas.

Uses: fresh

Strength: blocky, fat tubers, nice shape

Weakness: oblong to round, hollow heart

Cutting Notes: blocky, nice skin, shriveled tubers, not uniform size and shape

TX13590-9Ru (046)-Long Russet. Parentage (PALB03016-3 x Waneta). Cross was made and selected in Texas.

Uses: fresh

Strength: blocky, nice skin and shape

Weakness:

Cutting Notes: small, uniform size and shape

TX14596-1Ru (047)-Russet. Parentage (Russet Burbank x A02138-2). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: knobs, growth cracks, not uniform size and shape

TX14605-4Ru (048)-Russet. Parentage (TX08351-5Ru x A02138-2). Cross was made and selected in Texas.

Uses: fresh
Strength:
Weakness:
Cutting Notes: hollow heart

TX14607-4Ru (049)-Russet. Parentage (TX08352-5Ru x A02138-2). Cross was made and selected in Texas.

Uses: fresh
Strength:
Weakness:
Cutting Notes: vascular discoloration, small tubers, nice skin

Chip

Atlantic (050)-Round White. Parentage (Wauseon x Lenape). Cross was made in Beltsville, MD, and selected in Maine. Released in 1976 by USDA-ARS, Florida, Virginia, New Jersey and Maine Agricultural Experiment Stations. Medium maturity. Medium vine size. Pale lavender flower color.

Uses: chip
Strength: buff skin, nice shape
Weakness: internals? poor internals
Chip Notes: keep, CR=1
Cutting Notes: not uniform size

Snowden (051)-Oblong White. Parentage (B5141-6 x Wischip). Cross was made and selected at the University of Wisconsin. Medium-late maturity. Large vine size. White flower color.

Uses: chip
Strength: uniform, nice flesh, nice size
Weakness: some rough, small
Chip Notes: CR=1
Cutting Notes: medium

AC01144-1W (052)-Round White. Parentage (COA96141-2 x Willamette). Cross was made in Idaho and selected in Colorado. Medium maturity. Medium-large vine size. White flower color

Uses: chip
Strength: uniform
Weakness: light set, small
Chip Notes: CR=1
Cutting Notes: few eyes, large tubers, greenish flesh

AOR09034-3 (053)-Round White. Parentage (Boulder x A03449-2C). Cross was made in Idaho and selected in Oregon. Medium maturity. Large vine size. White flower color.

Uses: chip
Strength: uniform, smooth
Weakness: some rough, low yield, small
Chip Notes: CR=1, keep, 1 sugar
Cutting Notes: greenish flesh, some purple streaks, internal brown spots, green skin, nice shape size

NDA081453CAB-2C (054)-Round White. Parentage (Dakota Diamond x ND 039173CAB-22). Cross made in North Dakota and selected in Idaho. Medium-early maturity. Medium vine size. White flower color.

Uses: chip
Strength: uniform, smooth
Weakness:
Chip Notes: keep, CR=2
Cutting Notes: shiny skin, too large

NDTX081648CB-13W (055)-Round White. Parentage (ND 8456-1 xND7377CB-1) Cross was made in North Dakota and selected in Texas.

Uses: chip
Strength: yield, nice shape and size, smooth, BOT-
Weakness: rough, poor shape, drop??
Chip Notes: drop, CR=1
Cutting Notes: some oblong tubers, nice size, unique

OR09256-2 (056)-Round Buff. Parentage (Dakota Diamond x Russet Norkotah). Cross made and selected in Oregon. Medium-late maturity. Medium-large vine size. White flower color.

Uses: chip
Strength: uniform, nice size
Weakness: light set, buff
Chip Notes: keep, CR=1
Cutting Notes: good size tubers, uniform shape

B 2727-2 (057)-White. Parentage (B0766-3 x B2135-163) Cross was made and selected in Beltsville, MD

Uses: chip
Strength: nice size and shape yield+
Weakness: light set, some rough,
Chip Notes: nice, CR=1
Cutting Notes: oblong shape, light russetted skin, difficult to see eyes

MSV 358-3 (058)-Round White. Parentage (MSP239-1 x OP). Cross was made and selected at Michigan State University.

Uses: fresh
Strength:
Weakness:
Cutting Notes: nice, BOT, uniform size and shape

MSV030-4 (059)-Round White. Parentage (Beacon Chipper x MSG227-2). Cross was made and selected at Michigan State University.

Uses: fresh
Strength:
Weakness:
Cutting Notes: variable size and shape, hard to cut, nice shape and size

MSW 485-2 (060)-Round White. Parentage (MSQ070-1 x MSR156-7). Cross was made and selected at Michigan State University.

Uses: fresh

Strength:

Weakness:

Cutting Notes: small/good size, uniform size and shape

MSX 540-4 (061)-Round White. Parentage (R061-1 x Lamoka). Cross was made and selected at Michigan State University.

Uses: fresh

Strength:

Weakness:

Cutting Notes: large tubers, oblong, dark eyes, large, hard to cut, a little flat

Fill (062)

NY 152 (063)-Round White. Parentage (B38-14 x Marcy). Clone entered by Cornell University.

Uses: chip

Strength: uniform, nice size and shape, BOT

Weakness:

Chip Notes: nice, CR=1

Cutting Notes: uniform size and shape, small

TX09396-1W (064)-Oblong White Parentage (Atlantic x NY139) Cross was made and selected in Texas.

Uses: chip

Strength: nice size and yield, nice shape

Weakness: some rough IBS, poor internal, drop

Chip Notes: nice, 1 Mech, BOT- keep, CR=1

Cutting Notes: uniform size and shape, nice

W 5955-1 (065)-Round White. Parentage (Pike x with Dakota Pearl). Cross made and selected at the University Wisconsin.

Uses: chip

Strength:

Weakness:

Cutting Notes: greenish flesh, buff skin, uniform size and shape, hard to cut

AORTX09032-3W (066)-Oblong White. Parentage (A03449-2C x Ivory Crisp). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: chip

Strength: nice shape, smooth

Weakness: low yield, small, ZC

Chip Notes: drop, nice, CR=2

Cutting Notes: small tubers, green (1), uniform size and shape

AORTX09033-11W (067)-Oblong White. Parentage (CO96141-4W x Ivory Crisp). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: chip

Strength: smooth, very nice, uniform, BOT

Weakness: variable shape, light set, too small

Chip Notes: NICE BOT, keep, CR=1

Cutting Notes: medium size, uniform size, medium sprouts, not firm

AORTX09033-14W (068)-Oblong White. Parentage (CO96141-4W x Ivory Crisp). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: chip

Strength: smooth

Weakness: some flat, deep eyes

Chip Notes: BOT, CR=1.0

Cutting Notes: half shriveled, variable size, half shriveled

AORTX09033-4W (069)-Oblong White. Parentage (CO96141-4W x Ivory Crisp). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: chip

Strength: smooth

Weakness: some rough, small, light set

Chip Notes: nice, keep, 2 MB, CR=1

Cutting Notes: small, some large tubers

AORTX09037-1W (070)-Oblong White. Parentage (Fasan x Ivory Crisp). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: chip

Strength: smooth, uniform, light yellow flesh, very nice yield+

Weakness:

Chip Notes: BOT, drop, CR=2

Cutting Notes: yellow flesh, BOT, uniform size and shape, good storage

AORTX09037-3W/Y (071)-Round White/Yellow. Parentage (Fasan x Ivory Crisp). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: chip

Strength: smooth, light yellow flesh

Weakness:

Chip Notes: nice yellow, CR=2.0

Cutting Notes: long sprouts, brown center, vascular discoloration

AORTX09037-4W/Y (072)-Oblong White. Parentage (Fasan x Ivory Crisp). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: chip

Strength: nice size and shape nice skin, BOT

Weakness: small

Chip Notes: keep- BOT, CR=1

Cutting Notes: yellow flesh, nice, good storage

AORTX09037-5W/Y (073)-Round White. Parentage (Fasan x Ivory Crisp). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: chip

Strength: uniform, nice size and shape, light yellow flesh

Weakness:

Chip Notes: BOT, nice, CR=1.0

Cutting Notes: vascular discoloration, very long sprouts, yellow flesh

AORTX09144-2W (074)-Round White. Parentage (A02516-102LB x PALB03016-3). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: chip

Strength: uniform, nice shape

Weakness:

Chip Notes: BOT, CR=1.0

Cutting Notes: internal bruising, keep, mix of yellow and white

AORTX10247-1W/Y (075)-Oblong White. Parentage (Lady Britta x NY139). Cross was made in Idaho, tuberling produced in Oregon and selected in Texas.

Uses: chip

Strength: smooth, nice shape and size, nice yellow flesh,

Weakness: small, ZC+

Chip Notes: keep, yellow, CR=2.0

Cutting Notes: small, 1/2 shriveled

ATTX11484-3W (076)-Round White. Parentage (A05158-2C X 00-3115-11). Cross was made in Idaho, tuberling produced in Texas, and selected in Texas.

Uses: chip

Strength: large tubers, nice shape and size, BOT-

Weakness: shatter bruise, poor internals++, rough, deep eyes

Chip Notes: drop, 1GH, keep, CR=3

Cutting Notes: very small tubers, 1/4 shriveled

COTX12235-2W (077)-Round White. Parentage (AC00206-2W x AC03433-1W). Cross was made in Colorado and selected in Texas.

Uses: chip

Strength: nice, keep

Weakness:

Chip Notes: keep, CR=1.0

Cutting Notes: translucent center, small, uniform size and shape

COTX12428-1W (078)-Round White. Parentage (MSQ070-1 x CO02024-9W). Cross was made in Colorado and selected in Texas.

Uses: chip

Strength: uniform, keep

Weakness:

Chip Notes: keep, CR=1.0

Cutting Notes: small, good size chipper, small, vascular discoloration

NDTX059828-2W (079)-Oblong White. Parentage (ND 4659-5R x ND 8524B-1R). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: ZC tolerant

Weakness: poor skin color, red eyes,

Chip Notes: drop, keep-, CR=1

Cutting Notes: variable size, not a good chipper, but ZC tolerant, large tubers

NDTX081648CB-13W (080)-Round White. Parentage (ND 8456-1 x ND7377CB-1) Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: yield, nice shape and size, smooth, BOT-

Weakness: rough, poor shape, drop??

Chip Notes: drop, CR=1

Cutting Notes: some oblong tubers

NDTX113030C-3W (081)-Oblong White. Parentage (Dakota Diamond x ND7192-1). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: nice size and shape, yield+ keep

Weakness: some flat

Chip Notes: keep-, CR=1

Cutting Notes: small, few tubers, not uniform size and shape

NDTX113467CB-1W (082)-Oblong White. Parentage (ND060485Cb-1 x ND7519-1). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: uniform, heavy set, keep

Weakness: small,

Chip Notes: BOT++, keep, CR=1

Cutting Notes: lemony flesh color, uniform size and shape, variation for russet skin net size

NDTX12135-1W (083)-Round White. Parentage (ND8559-20 x M3). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength:

Weakness: low yield

Chip Notes: keep, CR=1.0

Cutting Notes: sprouting, medium sprouts, 1/4 shrinkage

NDTX12203AB-1W (084)-Round White. Parentage (ND028598c-1 x M2). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: smooth, keep

Weakness:

Chip Notes: BOT++, CR=1.0

Cutting Notes: russet skin, BOT, uniform size and shape

NDTX1244-3W/Y (085)-Round White. Parentage (AND07358-1Y x ND7192-3). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: nice, yield+, light yellow flesh, keep

Weakness:

Chip Notes: BOT, CR=2.0

Cutting Notes: yellow flesh x of yellow and white flesh, medium sprouts, uniform size and shape, small

NDTX1246-3W/Y (086)-Round White. Parentage (AND07358-1Y x ND8304-2). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength:

Weakness: too flat, IBS, poor internal, drop

Chip Notes: keep, 1GH, CR=1.0

Cutting Notes: small tubers, good seed, very long sprouts, small

NDTX1246-5W (087)-Round White. Parentage (AND07358-1Y x ND8304-2). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: nice shape

Weakness: small, mixed flesh

Chip Notes: nice, CR=3.0

Cutting Notes: dark yellow flesh, sprouts, some shriveling, not good storage, long sprouts

TX05249-10W (088)-Oblong White. Parentage (Gem Russet x A91790-13). Cross was made and selected in Texas.

Uses: chip

Strength: nice shape, smooth skin

Weakness:

Chip Notes: drop, nice, BOT-CR=2

Cutting Notes: some shriveling, uniform size and shape, good storage, not shriveled

TX09429-1P/P (089)-Oblong Purple Parentage (COTX0325-1P/P x COTX04050-1P/P) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice deep purple flesh, nice skin color

Weakness:

Chip Notes: keep, nice, CR=3

Cutting Notes: dark purple flesh, good seed quality, long sprouts, good size, small, some white flesh marks

TX12474-1P/R (090)-Purple/Red. Parentage (CO04045-4P/P x CO03027-2R/R). Cross was made and selected in Texas.

Uses: chip

Strength: red flesh, nice flesh and skin

Weakness: some IBS, very small

Chip Notes: keep, CR=3

Cutting Notes: uneven pink flesh, good seed dark red/pink spots,

TX12483-4W (091)-Oblong White. Parentage (TX08402 x Snowden). Cross was made and selected in Texas.

Uses: chip
Strength: nice yield and size
Weakness: deep eyes
Chip Notes: BOT, nice, CR=1
Cutting Notes: dark apical end

TX12483-5W (092)-Round White. Parentage (TX08402 x Snowden). Cross was made and selected in Texas.

Uses: chip
Strength:
Weakness: low yield, buff, russet skin, hollow heart drop
Chip Notes: BOT, CR=1
Cutting Notes: good seed, not uniform shape, hollow heart

TX12483-6W (093)-Round White. Parentage (TX08402 x Snowden). Cross was made and selected in Texas.

Uses: chip
Strength: nice shape
Weakness: buff russet skin
Chip Notes: keep+, CR=1
Cutting Notes: russet skin, good seed quality, large, translucent flesh, darkening, nice shape and size, not uniform russetting

TX12484-1W ZC (094)-Oblong White. Parentage (TX08402 x NDTX059828-2W). Cross was made and selected in Texas.

Uses: chip
Strength:
Weakness: poor shape, too oblong, large tubers, variable size
Chip Notes: keep, BOT, CR=1
Cutting Notes: some sprouts 1/4 in, medium seed quality, nice uniform shape and size, 1 brown center (fusarium?)

TX12484-2W ZC (095)-Oblong White. Parentage (TX08402 x NDTX059828-2W). Cross was made and selected in Texas.

Uses: chip
Strength: yield+, uniform
Weakness: some rough, deep eyes IBS, poor internals
Chip Notes: keep, CR=1
Cutting Notes: variable size, vascular discoloration, good seed, not shriveled

TX12484-3W ZC (096)-Oblong White. Parentage (TX08402 x NDTX059828-2W). Cross was made and selected in Texas.

Uses: chip
Strength: smooth, yield+, nice size uniform
Weakness:
Chip Notes: K+, CR=1
Cutting Notes: large tubers, shriveled seed, long sprouts, lots of tubers, all shriveled

TX13563-1W (097)-Round White. Parentage (Snowden x ATX05202-3W/Y). Cross was made and selected in Texas.

Uses: chip
Strength: uniform
Weakness: small
Chip Notes: BOT, CR=1.0
Cutting Notes: petite tubers

TX13580-1W (098)-Round White. Parentage (Waneta x 00-3315-11). Cross was made and selected in Texas.

Uses: chip
Strength:
Weakness: sticky stolons
Chip Notes: BOT, CR=1.0
Cutting Notes: stolons attached, shriveled seed, most shriveled

Commercial Specialty

W2978-3 (099)-Oblong White. Parentage (Monticello x Dakota Pearl). Cross made and selected at the University Wisconsin.

Uses: chip
Strength: smooth, nice shape, uniform
Weakness:
Chip Notes: sugar end=3, CR=2
Cutting Notes:

CO99076-6R (100)-Red. Parentage (?). Cross was made and selected in Colorado.

Uses: fresh
Strength:
Weakness:
Cutting Notes: dark red skin, shallow round, nice red skin white flesh

Actrice (101)-Oblong White. Parentage (DENISE x AGATA). Cross made in Holland.

Uses: fresh
Strength: BOT+, nice, large tubers, nice size and flesh, smooth, nice size profile
Weakness: FC=3.0
Cutting Notes: lots of knobs, yellow flesh, oblong

Olympus (102)-Round White. Parentage (Atlantic x 12601 ab (1)). Clone entered by the Higgins Group.

Uses: chip
Strength:
Weakness:
Cutting Notes: attached stolons

Electra (103)-Round White. Parentage (C1992/42 x Picasso). Cross made in Ireland

Uses: fresh
Strength: heavy set, nice flesh, nice shape, yield++ , smooth skin
Weakness: heat sprouts+, variable size, drop+, poor skin finish, small,
Cutting Notes: duck tubers, yellow flesh, neuron pattern flesh

Taisiya (104)-Oblong White/Yellow. Parentage (??)

Uses:

Strength:

Weakness:

Cutting Notes: attached stolons, yellow flesh, heterogeneous tuber size and shape, yellow greeish flesh

Prefix Source Key for Numbered Advanced Selections:

A = cross made in Aberdeen, Idaho and selected in Idaho

AC = cross made in Aberdeen, Idaho and selected in Colorado

ADX = cross (diploid x diploid) made in Aberdeen, Idaho, and selected in Idaho

AF = cross made and selected in Maine at Aroostook Farm, Presque Isle

AND = cross made in Aberdeen, Idaho and selected in North Dakota

AO = cross made in Aberdeen, Idaho and selected in Oregon

AOA= cross made in Aberdeen, Idaho, seedling produced in Oregon, and selected in, Idaho

AOTX = cross made in Aberdeen, Idaho, tuberlings produced in Corvallis, Oregon greenhouse, and original field selection in Texas

ATD = cross (tetraploid x diploid) made in Aberdeen, Idaho and selected in Idaho

ATTX = cross made in Aberdeen, Idaho, tuberlings produced in College Station, Texas greenhouse, and original field selection in Texas

ATX = cross made in Aberdeen, Idaho and selected in Texas

B = cross made in Beltsville, Maryland and selected in Maine

BC = cross made in Beltsville, Maryland and selected in Colorado

BO = cross made in Beltsville, Maryland and selected in Oregon

BN = cross made in Beltsville, Maryland and selected in North Dakota

BTX = cross made in Beltsville, Maryland and selected in Texas

CO = cross made and selected in Colorado

COTX = cross made in Colorado and selected in Texas

DT = cross made in North Dakota and selected in Texas

FL = cross made and selected by Frito-Lay

MB = cross made in Minnesota and selected in Maine (Beltsville, Maryland program)

MN = cross made and selected in Minnesota

MS “letter” = cross made and selected in Michigan with ‘letter’ indicating year of selection with 1988(A) as year 1 of the program

MWTX = cross made by USDA/ARS Madison, Wisconsin and selected in Texas

ND = cross made and selected in North Dakota

NDA= cross made in North Dakota and selected in Idaho (Aberdeen)

NDC = cross made in North Dakota and selected in Colorado

NDO = cross made in North Dakota and selected in Oregon

NDTX = cross made in North Dakota and selected in Texas

NY = cross made and selected in New York

OR = cross made and selected in Oregon

PA = cross made and selected in Prosser, Washington

POR = cross made in Prosser, Washington and selected in Oregon

TX = cross made and selected in Texas

TXA = cross made in Texas and selected in Idaho (Aberdeen)

TXAV = cross made in Texas, selected in Idaho (Aberdeen) and reselected in Alberta, Canada

TXND = cross made in Texas and selected in North Dakota

TXNS "numbers" = Texas selections (strains) out of Russet Norkotah made by Texas program

TXYG "numbers" = Texas selections (strains) out of Yukon Gold made by Texas program

VC = cross made in Lethbridge, Alberta and selected in Colorado

Variety strain "numbers" = selections (strains) out of various varieties made by Gene Shaver in Nebraska

Variety strain "letters" = selections (strains) out of various varieties made by Warren Trank in Nebraska

Other Abbreviation descriptions

BC=brown center

BOT=Best of Trial

CR=Chip Color Rating 1(light) to 3 (dark)

D/K=drop/keep

FC=flesh color 1-5=dark

GH=green head

HH=hollow heart

IBS=internal brown spot

MB=mahogany browning

Mech=mechanical damage

SE=sugar ends

Stem = Stem end discoloration

TM=tuber moth



Cover by Angel Chappell
Edited by Jeannie Miller