

**2014 Annual Potato Field Day
Texas Potato Variety Development
Program**



Thursday July 17, 2014

Texas A&M AgriLife Research
Department of Horticultural Sciences
Texas A&M University

Cooperator: Springlake Potato Sales, Inc

2014 Field Day Handbook

Texas Potato Breeding and Variety Development Program

Creighton Miller, Jeff Koym, and Douglas Scheuring

Department of Horticultural Sciences



Texas A&M University

July 17, 2014

Hosted by Springlake Potato Sales, Inc.

Bruce Barrett

Steve Barrett

Tim Gonzalez

**Funds Received to Support
The Texas Potato Variety Development Program
July 1, 2013- June 30, 2014**

USDA/NIFA (Special Research Grants Program, Potato Research)	\$48,000
Zebra Chip (SCRI)	\$47,163
USPB Grant for National Chip Breeders Trial – Texas	\$10,000
Royalty returned to program	\$90,000
Director’s office AgriLife Research	\$25,000
	\$220,163

Expected July 1, 2014 – June 30, 2015:

USDA/NIFA (Special Research Grants Program, Potato Research)	\$42,600
Zebra Chip (SCRI)	\$30,000
USPB Grant for National Chip Breeders Trial – Texas	\$10,000
USPB Grant for Zebra Chip Evaluations	\$10,000
Royalty (Estimated)	\$90,000
Director’s Office AgriLife Research	\$25,000
	\$207,600

In-kind support:

CSS Farms (Milt Carter, Grant Monie, Jerry Henderson, Brian Zens, John Wallace and Randy Spevak)	\$40,000
Springlake Potato Sales (Bruce Barrett, Steve Barrett, Tim Gonzalez, and Cliff Black)	\$40,000
	\$80,000

The Texas Potato Variety Development Program Team:

Creighton Miller – Project Director
 Jeff Koym – Senior Research Associate
 Douglas Scheuring – Senior Research Associate
 Julien Levy – Post Doctoral Research Associate
 Sean Thompson – Post Doctoral Research Associate
 Angel Chappell – Technical Assistant I/Lab Manager
 Ida Astarini – Fulbright Scholar
 Mike Jensen – Technical Assistant II
 Brianna Lewis, Craig Black, Michael Vestal, Hayden Hadley, and Tyler Roberts -
 Student Workers
 Jim Winder – Tractor Driver/Grader

Texas Potato Variety Development Program 2014 Trials

Location	Trial	Planted
Springlake	Field Day Red/Specialty (86)	03/29/14
	Sara Kammlade Trial (5)	03/31/14
	Red White Flesh (11)	03/31/14
	Texas Advanced Selection Red (10)	03/31/14
	Field Day Russets/Chip (96)	03/29/14
	Red Skin Yellow Flesh (12)	03/31/14
	Texas Advanced Selection Red/Yellow Flesh (3)	03/31/14
	PVP (21)	04/02/14
	Specialty Commercial (21)	04/02/14
	Texas Advanced Selection Fingerling (6)	04/02/14
	Red/Purple Skin Red/Purple Flesh (6)	04/02/14
	White Skin Yellow Flesh (13)	04/02/14
	Texas Advanced Selection White Skin Yellow Flesh (12)	04/02/14
	Chip (9)	04/02/14
	Texas Advanced Selection Small Potatoes (18)	04/04/14
	Texas Advanced Chip Selection (14)	04/04/14
	Russet (30)	04/04/14
	Texas Advanced Selection Russets (25)	04/04/14
	Spacing Fertility	04/07/14
	Commercial Fingerling (20)	04/05/14
	Total Entries	412
Dalhart	Ron French Pesticide Trial (15)	5/13/14
	13SEL (312)	5/13/14
	General Mills (7)	5/14/14
	Real Potatoes (9)	5/14/14
	National Chip (197)	5/13/14
	Western Region Red (8)	5/14/14
	Texas Advanced Red Selections (13)	5/14/14
	Western Region Red/Yellow (11)	5/14/14
	Texas Advanced Red/ Yellow Selections (11)	5/14/14
	Western Region White/Yellow (11)	5/14/14
	Texas Advanced White/Yellow Selections (15)	5/14/14
	Texas Advanced Small Selections (27)	5/14/14
	Texas Advanced Fingerling Selections (7)	5/14/14
	Southwestern and Texas Advanced Purple Flesh (7)	5/14/14
	Commercial Variety (9)	5/14/14
	Western Southwest Region Chip (7)	5/14/14
	Texas Advanced Chip Selections (40)	5/14/14
	13SELChip (159)	5/14/14
	Western Region Russet (26)	5/15/14
	Texas Advanced Russet Selections (51)	5/15/14
	Total Entries	927

Seedlings for Selection in Texas - 2014

Seedlings planted at Springlake

Source	Families	Total Planted
North Dakota	28	2,737
Oregon	87	14,500
Total	115	17,237

Seedlings planted at Dalhart

Source	Families	Total Planted
Colorado	88	20,390
Texas	83	37,321
Texas mini tubers	27	3,662
Aberdeen	102	6,811
North Dakota	58	6,987
Oregon	161	23,000
Total	519	98,171

Grand Total – 115,408 seedlings from 634 families (crosses) were planted in 2014.

2014 Field Day Trial in Entry Order

Red, Red Yellow Flesh, Specialty Selections/Varieties

Red Skin White Flesh

Red LaSoda (001)-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, some red streaks in flesh, oversized, feathering, rough

Chieftan (002)-Round Red. Parentage (la1027-18 x La1354). Cross was made and selected at Iowa State University.

Uses: fresh

Strength:

Weakness: small, light skin color

Modoc (003)-Round Red. Parentage (ND1196-2R x ND2225-1R). Cross was made in North Dakota and selected in Oregon. Early maturity.

Uses: fresh

Strength:

Weakness: some pressure cracks

ATTX98453-6R (004)-Round Red. Parentage (A93490-1R x A91846-5R). Cross was made in Aberdeen, tuberling produced in Texas and selected in Texas. Late maturity. Medium-large vine size. Lavender flower color.

Uses: fresh

Strength: nice, nice skin

Weakness: feathering, large tubers, low yield

BTX2332-1R (005)-Round 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 color and shape, BOT, yield+

Weakness: some feathering, red streaks in flesh, rough, skin finish, feathering

CIT #2(006)-Round Red. Parentage (?). Medium maturity.

Uses: fresh

Strength: nice shape

Weakness: faded skin color

CIT #4(007)-Oblong Red. Parentage (?). Medium maturity.

Uses: fresh

Strength:

Weakness: poor shape

CO05228-4R (008)-Oblong Red. Parentage (CO99256-2R x CO00292-9R). Cross was made and selected in Colorado Early maturity. Medium vine size. Red-Purple flower color.

Uses: fresh

Strength: nice shape and color, yield+

Weakness: drop, feathering, too small, small potato??,

NDA050237B-1R (009)-Oval Red. Parentage (ND028678-1RY x ND028770B-4R). Cross was made in North Dakota and selected in Idaho. Medium late maturity. Large vine size. Dark red purple flower color.

Uses: fresh

Strength: nice skin set

Weakness:

NDTX5438-11R (010)-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: good color and nice flesh, smooth, nice skin finish++ great shape and color BOT, very white flesh

Weakness:

COTX02172-1R (011)-Oblong Red. Parentage (CO94065-2R x ND3574-5R). Cross was made in Colorado and selected in Texas. Medium early maturity. Medium vine size. Lavender flower color.

Uses: fresh

Strength: nice shape, smooth+, nice flesh, good skin finish

Weakness: poor shape, sprouts ++, drop feathering light skin color, more oblong

COTX02293-4R (012)-Oblong Red. Parentage (CO94065-2R x ND3574-5R). Cross was made in Colorado and selected in Texas. Medium early maturity. Medium vine size. Lavender flower color.

Uses: fresh

Strength: nice skin color, good skin finish++, BOT, nice round shape

Weakness: small sprouts+ light set+

COTX07054-2R (013)-Oblong Red. Parentage (ATDC9801-3P x CO99076-6R) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice yield, very nice skin color and shape, good skin finish, BOT

Weakness: sprouts++, variable size, low yield, feathering

NDTX050070-1R (014)-Round Red. Parentage (ND 8375b-6R x ND 8347CB-12R). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice skin color and shape, heavy set, good skin finish

Weakness: stem attachments, sprouts+, small potato drop?, some buff skin, feathering

NDTX081572B-1R (015)-Round Red. Parentage (ND 4659-5R x ND 028940B-102R) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice skin set and shape, heavy set, nice white flesh, Modoc like

Weakness: sprouts+, small potato? drop, deep eyes, low yield

NDTX092231C-1R (016)-Round Red. Parentage (ND 049326C-2P x AND 00272-1R) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice skin set, nice color, nice oblong shape, heavy set, smooth, good skin finish

Weakness: poor shape, sprouts+ oversized, deep eyes, drop+

NDTX4784-7R (017)-Round Red. Parentage (ND3574-5R x ND2050-1R). Cross was made in North Dakota and selected in Texas. Early maturity. Medium vine size. Lavender flower color

Uses: fresh

Strength: nice shape, very nice color, yield++, BOT++, good skin finish

Weakness:

TX08363-2R (018)-Oblong Red Parentage (CO98012-5R x BTX2332-1R) Cross was made and selected in Texas.

Uses: fresh

Strength: nice shape and color, large tubers

Weakness: flat, feathering, poor shape, drop, sprouts+

TX08375-3R (019)-Round Red Parentage (CO97222-1R/R x POR02PG26-5) Cross was made and selected in Texas.

Uses: fresh

Strength: heavy set, nice shape+, good skin finish,

Weakness: small, sprouts++, light skin

TX10437-10P (020)-Oblong Red. Parentage (AOTX93483-1R x ATTX98500-3PW/Y). Cross was made and selected in Texas.

Uses: fresh

Strength: nice skin color

Weakness: poor shape

Red Skin Yellow Flesh

Sierra Rose (021)-Oblong Red/Yellow. Parentage (A90601-2RDY X MAZAMA). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas. Early maturity. Medium vine size. Purple flower color

Uses: fresh

Strength: BOT of red/yellow

Weakness:

Klondike Rose (022)-Oblong Red. Parentage (?).

Uses: fresh

Strength:

Weakness: poor shape

A05180-3PY (023)-Round Purple. Parentage (Pinto (ATND9331-2) x VC1075-1R). Cross was made and selected in Aberdeen. Medium maturity. Medium vine size. Dark Red Purple flower color.

Uses: fresh

Strength: BOT, nice smooth skin

Weakness:

AC05175-3P/Y (024)-Oval Purple. Parentage (A99331-2R/Y x COA99261-1RY). Cross was made in Aberdeen and selected in Colorado. Very early maturity. Small vine size. Dark purple flower color.

Uses: fresh

Strength: nice shape, nice purple skin, very good skin color, nice skin finish smooth

Weakness: deep eyes, light set, rough, some silver scurf

ATTX01180-1R/Y (025)-Oblong Red/Yellow Parentage (ND5084-3R x A92657-1R). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas. Medium maturity. Small vine size.

Lavender flower color.

Uses: fresh

Strength: nice skin and flesh, nice yellow flesh

Weakness: variable shape, purple streaks in flesh, poor shape, feathering, rough large tubers

ATTX961014-1BR/Y (026)-Oblong Red/Yellow. Parentage (A90601-2RDY X MAZAMA). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas. Early maturity. Medium vine size. Purple flower color

Uses: fresh

Strength: nice skin color, very smooth, good skin finish, nice shape and flesh, BOT

Weakness: more purple streaks, light flesh color, light set

ATTX98444S-16R/Y (027)-Oblong Red/Yellow. Parentage (A83360-9R X T48YF). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: very nice b size tubers, nice shape, BOT, heavy set, send to CA, very nice flesh

Weakness: light skin, some culls, lots of small tubers

ATTX98514-1R/Y (028)-Oblong Red Parentage (T51YF X A93456-6R). Cross was made in Aberdeen, tuberling produced in Texas and selected in Texas.

Uses: fresh

Strength:

Weakness: drop, poor shape, light flesh

BTX2103-1R/Y (029)-Oblong Red/Yellow. Parentage (BO811-13 x ARS-W82-21285-1). Cross was made in Beltsville, Maryland and selected in Texas. Late maturity. Medium vine size. Red-purple flower color.

Uses: fresh

Strength: nice flesh color, nice, smooth

Weakness: flat shape, some rough, light skin and flesh

CO04067-8R/Y (030)-Oval Red. Parentage (CO97232-1R/Y x ATC98444-1R/Y). Cross was made and selected in Colorado. Medium-early maturity. Large vine size. Red-purple flower color.

Uses: fresh

Strength: nice shape, color and skin, heavy set, nice flesh, very yellow flesh

Weakness: drop, growth cracks, virus?, yellow center of flesh, ugly, small potato

CO05037-2R/Y (031)-Oblong Red. Parentage (AC99330-1P/Y x CO97227-2P/PW). Cross was made and selected in Colorado. Medium maturity. Medium vine size. Red-Purple flower color.

Uses: fresh

Strength: nice skin, small potato fingerling to small round shape, oblong to long, fingerling heavy set ok fingerling shape, nice flesh

Weakness: oblong to long, shape?? drop, light skin

COTX01403-4R/Y (032)-Oblong Red/Yellow Parentage (VC1015-7R/Y x Winema). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice flesh, fast bulk, very large tubers, BOT, good skin finish, yield+

Weakness: light skin, hollow heart, growth cracks, light skin, poor skin color and shape

ATX02263-1R/Y (033)-Oblong Red. Parentage (Inca Gold x A92653-6R). Cross was made in Aberdeen and selected in Texas.

Uses: fresh

Strength: BOT, Klondike like shape, nice skin

Weakness:

TX09420-1R/Y (034)-Round Red Parentage (POR03PG23-1 x COTX94218-1R) Cross was made and selected in Texas.

Uses: fresh

Strength: nice skin color

Weakness: red color at center of tuber flesh

TX09420-3R/Y (035)-Round Red Parentage (POR03PG23-1 x COTX94218-1R) Cross was made and selected in Texas.

Uses: fresh

Strength: dark skin color, nice uniform shape, nice skin,

Weakness: red color at center of tuber flesh, faint purple ring

Purple Skin Purple Flesh

Purple Majesty (036)-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

Strength: nice shape and very dark flesh

Weakness: small, low yield

CO05028-11P/RWP (037)-Oblong Purple. Parentage (AC99329-4R/Y x CO97227-2P/PW). Cross was made and selected in Colorado. Medium maturity. Large vine size. Blue-Purple flower color.

Uses: fresh

Strength:

Weakness: variable flesh color

CO05028-4P/PY (038)-Oblong Purple. Parentage (AC99329-4R/Y x CO97227-2P/PW). Cross was made and selected in Colorado. Medium maturity. Medium large vine size. Purple flower color.

Uses: fresh

Strength: nice shape

Weakness:

CO05079-4P/PW (039)-Oblong Purple. Parentage (CO97216-3P/PW x CO97227-2P/PW). Cross was made and selected in Colorado. Medium maturity. Medium size. White flower color.

Uses: fresh

Strength:

Weakness: variable flesh color

NDTX091886-3P/P (040)-Round Purple Parentage (COND 04082-8RR X ND 7519-1) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: very dark flesh smooth

Weakness: some road map

TX09429-1P/P (041)-Oblong Purple Parentage (COTX0325-1P/P x COTX04050-1P/P) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: very dark flesh, keep dark flesh, send to CA, heavy yield

Weakness:

Small Potato

ATTX05175S-1R/Y (042)-Round Red/Yellow. Parentage (A99331-2RY X COA99261-IRY). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: nice flesh, heavy set, BOT, small, good skin color

Weakness: light skin+, light set

ATTX05186S-3W/Y (043)-Oblong White/Yellow. Parentage (A99433-5Y x VC1075-1R). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: nice size, nice flesh and skin, keep, send to Simplot, nice shape+, heavy set+, nice small size++

Weakness: light flesh light set, no CA

ATTX06246S-1R (044)-Round Red. Parentage (Gogu Valley x Modoc) Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas

Uses: fresh

Strength: large tubers, nice shape, send to CA, very white flesh, nice skin, heavy set, *CSS, dark red skin

Weakness: skin set? some growth cracks

ATTX98462S-3R/Y (045)-Oblong Red Parentage (ATD251-5RY X BO811-13RY). Cross was made in Aberdeen, tuberling produced in Texas and selected in Texas.

Uses: fresh

Strength: keep

Weakness: too large, compare in R/Y trial, no CA, large tubers, move to red/yell trial

ATX05186S-1R (046)-Oblong Red. Parentage (A99433-5Y x VC1075-1R). Cross was made in Aberdeen and selected in Texas.

Uses: fresh

Strength: small, very white flesh, good skin finish, nice uniform shape, keep, nice shape

Weakness: lager size, no CA, move to red/wh trial, deep eyes

ATX06254S-2R (047)-Round Red, Parentage (A99331-2RY x Durango Red). Cross was made in Aberdeen and selected in Texas.

Uses: fresh

Strength: nice size and skin keep

Weakness: no CA

ATX06264S-4R/Y (048)-Round Red/Yellow. Parentage (A99331-2RY x Durango Red). Cross was made in Aberdeen and selected in Texas.

Uses: fresh

Strength: nice flesh and shape, send to CA, keep in small trial and move to red/yel trial, yield+, BOT heavy set, very dark skin color, good skin finish

Weakness: drop? , some large

COTX04050S-1P/P (049)-Oblong Purple/Purple. Parentage (CO97215-2P/P x CO97306-2P/P). Cross was made in Colorado and selected in Texas

Uses: fresh

Strength: nice shape, keep, heavy set, very dark flesh, nice skin

Weakness: no CA

COTX04193S-2R/Y (050)-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: *CSS, nice shape and color, BOT++, nice flesh, good skin finish, uniform size, send to CA, nice size distribution

Weakness:

COTX10073S-1W (051)-Oblong White. Parentage (A97066-42LB x Alpine Russet). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: buff skin nice size

Weakness:

COTX10138S-7W/Y (052)-Round White. Parentage (AC99329-7PW/Y x AC03534-2R/Y). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice size and flesh

Weakness:

NDTX071258BS-1R (053)-pound Red. Parentage (ND 039035B-9R x ND 4659-5R) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice size, send to CA, nice flesh and skin color, very white flesh and red skin, BOT, good skin finish, nice shape and skin, *CSS

Weakness:

NDTX081451CBS-1Y/Y (054)-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: very nice flesh and shape, heavy set, good size distribution, nice skin, keep move to a size trial, send to RPE, large tubers, move to wh/yel trial

Weakness: some larger tubers no CA

NDTX092238CS-1P/W (055)-Round Purple Parentage (ND 049326C-2P x ND 8555-8R) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice shape and size better shape, send to CA, yield+

Weakness:

NDTX092238CS-3P/W (056)-Round Purple Parentage (ND 049326C-2P x ND 8555-8R) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice skin shape and size, better skin, send to CA, heavy set, yield+

Weakness: skin finish?

NDTX092238CS-4P/W (057)-Round Purple Parentage (ND 049326C-2P x ND 8555-8R) Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice skin and shape better skin, send to CA, heavy set yield+

Weakness: skin finish?

NDTX102796CbS-2W (058)-Oblong White. Parentage (ND059999C-4 x ND060618CB-3). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice skin

Weakness: too large?? oval, flat small,

TX09406S-1P/P (059)-Round Purple Parentage (A99331-2RY x CO00405-1R) Cross was made and selected in Texas.

Uses: fresh

Strength: very nice size and shape, BOT, send to CA, very dark flesh, nice skin

Weakness:

Fingerling Potato

Banana (060)-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: nice skin

Weakness: poor shape, deep eyes, all culls, very rough

Purple Peruvian (061)-Long Purple/Purple. Parentage (??).

Uses: fresh

Strength:

Weakness: deep eyes, rough, very small, all culls, poor shape

COTX08365F-3P/P (062)-Long Purple. Parentage (POR01PG16-1 x CO00405-1R) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice flesh, smooth, real nice, nice skin color, send to CA

Weakness: too large tubers

COTX08365F-1P/P (063)-Long Purple/Purple. Parentage (POR01PG16-1 x CO00405-1R) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice flesh, heavy set, small fingerling shape, nice skin color, all blue type flesh, smooth send to CA

Weakness: deep eyes, lower set, some larger tubers

COTX08044F-1R/R (064)-Long Red. Parentage (FF x KP (501) x FF x KP (501)) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: very nice flesh, shape and skin, send to RPE size a trial, move to red/yel trial, heavy set, very nice

Weakness: long sprouts, not fingerling

COTX08365F-4R/R (065)-Long Red. Parentage (POR01PG16-1 x CO00405-1R) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: red flesh, nice shape, send to CA and RPE

Weakness: light skin and flesh not much curve

Specialty Commercial Varieties

Agila (066)-Oblong White. Parentage (?). Cross was made in Germany

Uses: fresh

Strength: nice flesh blocky

Weakness:

Alegria (067)-Oblong White. Parentage (?). Cross was made in Germany.

Uses: fresh

Strength:

Weakness: raised eyes, hollow heart, poor internals

Baltic Cream (068)-Oblong White. Parentage (?)

Uses: fresh

Strength:

Weakness: very small, variable size

BO 15 AL (069)-Oblong White. Parentage (?).

Uses: fresh

Strength: nice shape and skin

Weakness: hollow heart

BO 15 V (070)-Oblong Red. Parentage (?).

Uses: fresh

Strength:

Weakness: rough, raised eyes, knobs, light red skin

BO14AG (071)-Oblong White. Parentage (?).

Uses: fresh

Strength:

Weakness: poor shape small

Gasora (072)-Oblong Red. Parentage (?).

Uses: fresh

Strength: smooth

Weakness: small pink skin

Granola (073)-Oblong White. Parentage (3333 60 x 267 04). Cross made in Germany. Medium-late maturity. Small vine size. Red violet flower color.

Uses: fresh

Strength: nice shape and skin smooth

Weakness: small

Smiley (074)-Oblong Red. Parentage (?). Medium to late maturity. Medium vine size.

Uses: fresh

Strength: red white pinto skin, nice flesh

Weakness:

Soraya (075)-Oblong White. Parentage (?). Late maturity.

Uses: fresh

Strength: nice shape and flesh

Weakness:

Sprint (076)-Oblong White. Parentage (SIRCO x MIN 72-74). Very early maturity. Medium vine size. White flower color.

Uses: fresh

Strength:

Weakness: deep eyes, rough, ugly

US Blue (077)-Oblong Purple. Parentage (?)

Uses: fresh

Strength:

Weakness: poor shape, knobs

Rodeo (078)-Oblong Red. Parentage (Mondial x Bimonda). Cross made in the Netherlands. Late maturity. Large vine size. Red violet flower color

Uses: fresh

Strength: Red skin/yellow flesh, nice skin and flesh color

Weakness:

Merlin (079)-Oblong White. Parentage (Cara x 93/2). Cross made by Caithness Potato Breeders Ltd. Early maturity. Red violet flower color.

Uses: fresh

Strength: White flesh with pink blush, nice shape, red pink eyes

Weakness:

Bettina (080)-Oblong White. Parentage (?). Cross made in Germany. Medium maturity. Medium vine size. White flower color

Uses: fresh

Strength: full season storing yellow, nice flesh

Weakness: small

Electra (081)-Oblong White. Parentage (C1992/42 x Picasso). Cross made in Ireland

Uses: fresh

Strength: Early yellow, nice shape, flesh and skin

Weakness:

Nectar (082)-Oblong White. Parentage (Famosa x Red Cara). Cross was made by Teagasc Crops Research Centre. Early maturity. Medium vine size. White flower color.

Uses: fresh

Strength: mid-season yellow, nice shape and flesh

Weakness:

Actrice (083)-Oblong White. Parentage (DENISE x AGATA). Cross made in Holland.

Uses: fresh

Strength: Early yellow with baby skin finish, very nice flesh

Weakness:

Lanorma (084)-Oblong White. Parentage (BYDAND X CAESAR). Cross made by DEN HARTIGH BV. Medium maturity. White flower color.

Uses: fresh

Strength: mid-season yellow with baby skin finish, very nice, BOT

Weakness:

Rosara (085)-Long Red. Parentage (Secura x 2605 77). Cross made in Germany. Very early maturity. Medium vine size. Red violet flower color.

Uses: fresh

Strength: Red Yellow

Weakness: some pointed

Tabina (086)-Oblong White. Parentage (?)

Uses: fresh

Strength:

Weakness: small poor shape

Russet, White Skin Yellow Flesh, Chip Selections/Varieties

Russet Selections

Ranger Russet (001)-Long Russet. Parentage (Butte x A6595-3). Cross was made and selected in Aberdeen. Released in 1991 by USDA-ARS, and the Colorado, Aberdeen, Oregon and Washington Agricultural Experiment Stations. Medium-late maturity. Large vine size. White flower color.

Uses: fresh

Strength:

Weakness: long, pointed, rough, poor shape, skinny, drop, curved

Russet Burbank (002)-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: nice for Burbank, nice shape+

Weakness: rough, poor shape, skinny, drop, low yield, blocky, light set

Russet Norkotah (003)-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

Weakness: some pointed

Shepody (004)-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: fresh

Strength: nice shape

Weakness: light set, small, drop, pointed, white skin, poor shape, long, skinny, curved

Pacific Russet (005)-Oblong Russet. Parentage (NDA8694-3 x Century Russet). Cross made by Agriculture and Agri-Food Canada. Early maturity. Medium vine size. White flower color.

Uses: fresh

Strength: very nice shape, blocky, very white flesh

Weakness:

Russet Norkotah 296(006)-Oblong-Long Russet. Parentage (ND95264Ru x ND9687-5Ru). Cross was made and selected in North Dakota. Russet Norkotah296 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: nice shape some very nice shape

Weakness: some rough, oversized, pointed, too long, some curved, poor shape

ATX91137-1RU (007)-Oblong Russet. Parentage (A81473-2 x A8343-12) Cross was made in Aberdeen, and selected in Texas. Late maturity. Medium vine size. Lavender flower color.

Uses: fresh

Strength: very nice shape, heavy set, yield++, blocky, BOT+, good size distribution

Weakness: pointed, raised eyes on large tubers

TX08352-5Ru (008)-Long Russet. Parentage (TXA549-1Ru x AOTX98137-1RU). Cross was made and selected in Texas.

Uses: fresh

Strength: large fat tubers, no hollow heart, send to SW large tubers, BOT+++***, nice interior

Weakness:

TXA549-1RU (009)-Oval Russet. Parentage (ND9687-3Ru x ND9852-1Ru). Cross was made in Texas, selected in Aberdeen and tested extensively in Alberta, Canada. Medium-late maturity. Medium-large vine size. Purple flower color with White tips.

Uses: fresh

Strength: very nice shape, BOT, fat tubers

Weakness: blocky, growth cracks

COTX09022-3RuRE/Y (010)-Oblong Russet Parentage (A00286-3Y x CO99100-1RU) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: very nice flesh, red eyes, keep, blocky, nice flesh, send to CA, high yield, TC?

Weakness:

COTX09052-1Ru (011)-Long Russet. Parentage (CO03202-1RU x CO98067-7RU) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice shape

Weakness: some flat

COTX09052-2Ru (012)-Long Russet. Parentage (CO03202-1RU x CO98067-7RU) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: very nice shape, TC?, send to SW, BOT+, nice shape nice skin, long

Weakness: some pointed, mixed, keep light russet

A02062-ITE (013)-Long Russet. Parentage (A97201-4 x A97299-1). Cross was made and selected in Aberdeen. Medium maturity. Medium vine size. White flower color

Uses: dual

Strength:

Weakness: pointed, raised eyes, drop, long and curved, poor shape+, too long, poor shape, too large+, oversized, bruises

A02424-83LB (014)-Oblong White Parentage (AO96781-4 x A97229-1). Cross was made and selected in Aberdeen. Medium maturity. Large vine size. White flower color.

Uses: dual

Strength:

Weakness: white skin, small, poor yield, greenhead, drop, poor shape, light set, drop, no net, pointed, Shepody like skin, poor net, scab

A02507-2LB (015)-Oblong-long Russet. Parentage (EGA09702-2 x GemStar R). Cross was made and selected in Aberdeen. Med-Late maturity. Medium vine size. White flower color.

Uses: dual

Strength: blocky, nice shape, fat tubers, BOT

Weakness: slight vascular discoloration, pointed, drop

A03158-2TE (016)-Long Russet. Parentage (A98292-2 x A98104-4). Cross was made and selected in Aberdeen. Medium-late maturity. Medium vine size. White flower color.

Uses: dual

Strength: very nice shape, BOT

Weakness:

A03921-2(017)-Oblong Russet. Parentage (A96953-13 x A93005-10). Cross was made and selected in Aberdeen. Medium-early maturity. Medium-large vine size. Purple flower color.

Uses: dual

Strength: nice shape, white skin

Weakness:

A06021-1T (018)-Oblong-Long Russet. Parentage (A99031-1TE x A96013-2). Cross was made and selected in Aberdeen. Medium-early maturity. Medium vine size. White flower color.

Uses: dual

Strength: nice shape

Weakness:

A06084-1TE (019)-Oblong Russet. Parentage (A98345-1 x A97267-1). Cross was made and selected in Aberdeen. Medium maturity. Medium vine size. White flower color.

Uses: dual

Strength: very nice skin and shape

Weakness:

AC05039-2RU (020)-Oblong Russet. Parentage (A99032-2TE x COA00287-1). Cross was made in Aberdeen, and selected in Colorado. Early maturity. Medium-small vine size. White flower color.

Uses: dual

Strength:

Weakness: small blocky

AO01114-4 (021)-Oblong-long Russet. Parentage (AO92017-6 x A86102-6). Cross was made and selected in Aberdeen. Medium-late maturity. Medium-large vine size. White flower color.

Uses: dual

Strength: nice shape, nice flesh, blocky

Weakness: small, skinny, stem end bruise, drop, light set pointed+, curved, drop

AO02060-3(022)-Oblong-long Russet. Parentage (A97201-4 x Premier Russet). Cross was made in Aberdeen, and selected in Oregon. Medium-late maturity. Small-medium vine size. White flower color.

Uses: dual

Strength: blocky, nice shape, yield+, BOT

Weakness: light set, pointed, some greening, feathering, pointed to stem end

AOTX96216-2RU (023)-Long Russet. Parentage (A89216-9 x A86102-6). Cross was made in Aberdeen, tuberling produced in Oregon, and selected in Texas. Late maturity. Large vine size. White flower color

Uses: fresh

Strength: size parent

Weakness: very large, light set, growth cracks, Rhizoctonia, low yield, knobs on large tubers drop

AOTX98152-3RU (024)-Oblong Russet. Parentage (A88338-1 X A9201-6). Cross was made in Aberdeen, tuberling produced in Oregon, and selected in Texas. Medium early maturity. Medium vine size. Lavender flower color.

Uses: fresh

Strength: nice shape, blocky, BOT+ *, nice, large tubers, fat tubers

Weakness: small, Rhizoctonia, too round, hollow heart, light set

ATX05142-2RU (025)-Oblong Russet. Parentage (Rio Grande Russet x A97214-4). Cross was made in Aberdeen and selected in Texas. Early maturity. Large vine size. White flower color.

Uses: fresh

Strength:

Weakness: small, pointed

CO03276-5RU (026)-Long Russet. Parentage (CO95086-8RU x Blazer Russet). Cross was made and selected in Colorado. Medium early maturity. Medium large vine size. Purple flower color.

Uses: fresh

Strength: nice shape, heavy set

Weakness: small, skinny, curved drop+, feathering, thin, light set

CO05068-1RU (027)-Oblong Russet. Parentage (AWN86514-2 x CO98009-3RU). Cross was made and selected in Colorado. Medium maturity. Large-very large vine size. White flower color.

Uses: dual

Strength: nice size

Weakness: rough, small, drop++-late, poor netting, poor shape, heat sprouts, blocky+, too round, culls+, feathering, drop+

CO05175-1RU (028)-Long Russet. Parentage (CO94035-15RU x AC96052-1RU). Cross was made and selected in Colorado. Medium maturity. Large vine size. White flower color.

Uses: dual

Strength: nice shape

Weakness: small, pointed, drop, long skinny, too long, curved

CO06057-3RU (029)-Oblong Russet. Parentage (CO98009-3RU x Premier Russet). Cross was made and selected in Colorado. Medium maturity. Medium-large vine size. White flower color.

Uses: dual

Strength: blocky

Weakness: small

OR05039-4(030)-Long White. Parentage (AO95245-2 x PA00N29-3). Cross was made and selected in Oregon. Early maturity. Medium vine size. White flower color.

Uses: process

Strength: blocky nice shape

Weakness: light net, too long, pointed, thin, poor netting, drop, stem end rot, white skin, poor skin finish, ugly

POR06V12-3(031)-Oblong-Long Russet. Parentage (PA00V6-4 x PA01N22-1). Cross was made and selected in Oregon. Med-late maturity Med-large vine size White flower color.

Uses: dual

Strength: nice skin and shape

Weakness: blocky, light set, feathering, low yield

AORTX06670-1Ru (032)-Oblong Russet. Parentage (ND7882b-7Russ x PALB03016-3). Cross was in Aberdeen, tuberling produced in Oregon, and selected in Texas.

Uses: fresh

Strength:

Weakness: small

AOTX05043-1Ru (033)-Long Russet. Parentage (A99032-2TE x Summit Russet). Cross was in Aberdeen, tuberling produced in Oregon, and selected in Texas.

Uses: fresh

Strength: nice shape

Weakness: hollow heart

AOTX95265-1Ru (034)-Long Russet. Parentage (A89216-9 x A86102-6). Cross was made in Aberdeen, tuberling produced in Oregon, and selected in Texas.

Uses: fresh

Strength:

Weakness: small skinny

AOTX95265-3Ru (035)-Long Russet. Parentage (A89216-9 x A86102-6). Cross was made in Aberdeen, tuberling produced in Oregon, and selected in Texas. Early maturity. Medium vine size. White flower color.

Uses: fresh

Strength: send to CA

Weakness: rough some curved hollow heart rough, some pointed

ATTX07039-2Ru (036)-Long-Russet. Parentage (Stampede Russet EM x AO0385-2 EM 400) Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: keep, large tubers, no hollow heart nice white flesh

Weakness: rough pear shaped poor netting, drop, long, knobs on large tubers

ATX00289-2Ru (037)-Long Russet. Parentage (NDA5507-3 X TXA1655-1DY). Cross was made in Aberdeen and selected in Texas.

Uses: fresh

Strength: nice shape

Weakness:

ATX84378-6Ru (038)-Oblong-Long Russet. Parentage (A79141-9 x ND329-1). Cross was made in Aberdeen, and selected in Texas. Medium-early maturity. Medium vine size. White flower color.

Uses: fresh

Strength: blocky, nice shape keep, send to CA, nice flesh

Weakness: small

COTX05095-2Ru/Y (039)-Long Russet/Yellow. Parentage (CO99045-1W/Y X AO96164-1). Cross was made in Aberdeen and selected in Texas. Medium. Medium vine size. White flower color.

Uses: fresh

Strength: nice flesh, keep

Weakness: skinny, some greening, pointed, light skin, poor skin finish and net, low yield, drop++, small

COTX08121-4Ru (040)-Oblong Russet. Parentage (AC96052-1RU X Blazer Russet) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness: pointed, drop?

COTX08214-2Ru (041)-Oblong Russet. Parentage (AC96052-1RU X Blazer Russet) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: blocky, nice shape

Weakness:

COTX08258-6Ru (042)-Long Russet. Parentage (PA98V6-1 x Blazer russet) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: very nice shape, nice, blocky, keep, send to CA

Weakness: light russet, light skin, knobs

COTX08322-10Ru (043)-Oblong Russet. Parentage (Blazer Russet x AC96052-1RU) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: keep, send 1 row to Joe

Weakness: pear shaped, skinny

COTX10007-2Ru (044)-Oblong Russet. Parentage (A97066-42LB x Alpine Russet). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: blocky, nice shape

Weakness:

COTX10111-8Ru (045)-Oblong Russet. Parentage (Blazer Russet x CO98067-7RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: blocky, nice shape

Weakness:

COTX10114-1Ru (046)-Oblong White Parentage (Classic Russet x CO99053-3RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness: skinny, poor shape, curved, drop

COTX10141-15Ru (047)-Oblong White. Parentage (AC00395-2RU x CO03177-2RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: blocky, nice shape

Weakness:

COTX10179-2Ru (048)-Oblong White Parentage (CO98067-7RU x CO03202-1RU) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness: skinny

Stampede Russet (049)-Oblong-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: blocky, nice shape, BOT, fat tubers

Weakness: some pointed to stem end, light set

TX08350-12Ru (050)-Long Russet. Parentage (TXA549-1Ru x AC96052-1RU). Cross was made and selected in Texas.

Uses: fresh

Strength: keep, dark skin

Weakness: small, blocky, hollow heart drop?, very light skin, low yield, mixed light and dark skin

TX08351-5Ru (051)-Long Russet Parentage (TXA549-1Ru x AOA95154-1) Cross was made and selected in Texas.

Uses: fresh

Strength: keep, BOT-, send to SW, good shape, nice flesh

Weakness: very small

TXNS410 (052)-Oblong-Long Russet. Parentage (ND9526-4Ru x ND9687-5Ru). Cross was made and selected in North Dakota. TXNS410 is a mutant strain selection made in 1989 by Texas from the variety Russet Norkotah. Early maturity. Medium-large vine size. White flower color.

Uses: fresh

Strength: keep, nice flesh

Weakness: pointed, small, light set, growth cracks, low yield

Chip

Atlantic (053)-Round White. Parentage (Wauseon x Lenape). Cross was made in Beltsville, Maryland, 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: very nice shape

Weakness: sever hollow heart, oversized, variable size, poor internals, ugly flesh

Chipeta (054)-Oblong White. Parentage (WNC612-13 x Wischip). Cross was made in Aberdeen and selected in Colorado. Released by USDA-ARS, Aberdeen, and Colorado Agricultural Experiment Stations. Late maturity. Large vine size. Red-Reddish purple corollas and large yellow anthers.

Uses: chip

Strength: nice shape and skin

Weakness: light set, ugly, low yield, irregular shape, rough+, pear shaped, oversized, stem attachment

A02138-2(055)-Oblong Light Russet. Parentage (A96563-8 x Premier R). Cross was made and selected in Aberdeen. Medium-early maturity. Medium vine size. White flower color.

Uses: chip

Strength: BOT, smooth large tubers, light russet, heavy yield, nice+, blocky, nice shape, fat tubers

Weakness: poor shape, russet skin, Rhizoctonia

AC00206-2W (056)-Round White. Parentage (AC87340-2 x Dakota Pearl). Cross was made in Aberdeen, and selected in Colorado. Medium maturity. Medium-large vine size. White flower color.

Uses: chip

Strength: nice shape and size, smooth, heavy set, large tubers

Weakness: hollow heart, Rhizoctonia

AC03452-2W (057)-Round White. Parentage (A98423-1C x COA96141-2C). Cross was made in Aberdeen, and selected in Colorado. Medium maturity. Medium-large vine size. White flower color.

Uses: chip

Strength: nice shape yield+, nice size

Weakness: drop, knobs, deep nose, protruding navel, rough, feathering,

AC05153-1W (058)-Round White. Parentage (A91814-5 x Chipeta). Cross was made in Aberdeen and selected in Colorado. Very early-early maturity. Medium-small vine size. White flower color.

Uses: chip

Strength: nice shape, yield++, nice flesh

Weakness: shape??, more oblong, poor shape, pointed, drop, large tubers

CO03243-3W (059)-Round White. Parentage (BC0894-2W x A91790-13). Cross was made and selected in Colorado. Medium maturity. Large vine size. Light purple flower color.

Uses: chip

Strength: large tuber very nice shape

Weakness: deep nose, Rhizoctonia, stem attachment, protruding navel

COTX09022-5Ru/Y (060)-Oblong Russet. Parentage (A00286-3Y x CO99100-1RU) Cross was made in Colorado and selected in Texas.

Uses: chip

Strength: very nice yellow flesh, Larson??, red eye, move to yellow flesh trial

Weakness: pointing

COTX09089-1Ru (061)-Oblong White Parentage (94-10800-1 x COTX03308-3RU) Cross was made in Colorado and selected in Texas.

Uses: chip

Strength: russet skin, nice shape

Weakness:

NDTX060700C-1W (062)-Round White. Parentage (NDTX 7560C-4 x NDTX 7192-1).Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: nice shape, nice flesh

Weakness: variable shape, very small, very light set, vascular browning, poor skin finish

NDTX071109C-1W (063)-Round White. Parentage (ND 7226C-17 x ND 860-2) Cross was made in North Dakota and selected in Texas. Late maturity. Large vine size.

Uses: chip

Strength: uniform shape, nice, heavy set, nice flesh nice size and flesh

Weakness: deep nose, rough+

Fill (064)-

NDTX081644CAB-2W (065)-Round White. Parentage (ND 8331Cb-3 X ND 028804CAb-5) Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: heavy set, BOT, move to small potato trial, nice size and shape, BOT-, nice flesh,

Weakness: very small tubers

NDTX081648CB-13W (066)-Round White. Parentage (ND 8456-1 xND7377CB-1) Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: nice, nice flesh, nice size, nice shape, ok shape

Weakness: variable sizes, light brown center

NDTX091908AB-2W (067)-Round White. Parentage (Ebt 6-21-5 X ND 7519-1) Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: uniform shape, heavy set++, nice flesh, yield++, BOT

Weakness: small, variable size, light set

NDTX102462C-6W (068)-Round White Parentage (Ivory Crisp x ND 060831C-1) Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: nice shape, yield+, nice size

Weakness: very long sprouts

NDTX102514ABC-5W (069)-Round White Parentage (Etb 6-5-5 x ND 060831C-6) Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: heavy set, nice shape and distribution,

Weakness: ok shape, 20%IBS, poor internals, very small tubers, small potato

NDTX102557-1W (070)-Oblong White Parentage (ND 860-2 x King Harry) Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: yellow flesh, nice shape and size, move to yell trial,

Weakness: poor shape, flat

Fill (071)-

TX09396-1W (072)-Oblong White Parentage (Atlantic x NY139) Cross was made and selected in Texas.

Uses: chip
Strength: nice shape, light set, ok shape
Weakness:

TX09403-14W (073)-Round White Parentage (NY138 x Ivory Crisp) Cross was made selected in Texas.

Uses: chip
Strength: uniform shape and size, yield++, heavy set, nice shape, BOT
Weakness: small

Waneta (074)-Oblong White. Parentage (??). Cross made and selected at Cornell University.

Uses: chip
Strength: BOT
Weakness:

White Skin Yellow Flesh

Yukon Gold (075)-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) Food, Guelph, Ontario. Medium-early maturity. Medium-large vine size. Violet flower color.

Uses: fresh
Strength: nice shape, darker yellow flesh than normal, nice flesh, no hollow heart
Weakness: light set, some brown center, poor internals, oversized

Sierra Gold (076)-Round-oblong Russet/Yellow. Parentage (Krantz x Delta Gold). Cross was made and selected in Texas. Early maturity. Medium vine size.

Uses: fresh
Strength: BOT, very nice shape and flesh,
Weakness: light set, large tubers

A02267-1Y (077)-Round Yellow/Yellow. Parentage (Inca Gold x ND5256-7R). Cross was made and selected in Aberdeen. Med-late maturity. Med-large vine size. Med Red-purple flower color.

Uses: fresh
Strength: nice uniform size
Weakness: deep eyes, small+, poor shape, light flesh

A05182-7RY (078)-Round Yellow/Pink Eye. Parentage (ATND93331-2 x A99433-5Y). Cross was made and selected in Aberdeen. Medium-late maturity. Medium vine size. White flower color.

Uses: fresh
Strength:
Weakness: pink skin

ATX05202S-3W/Y (079)-Oblong White/Yellow. Parentage (A00286-3Y x A99433-5Y). Cross was made in Aberdeen and selected in Texas.

Uses: fresh
Strength: nice flesh and shape, keep in small trial and move to wh/yel trial
Weakness: small, drop, some russeting, some large, light yellow flesh, feathering, some culls, no CA

BTX1544-2W/Y (080)-Oblong White/Yellow. Parentage (BO811-13 x Yukon Gold). Cross was made in Beltsville, Maryland and selected in Texas. Medium maturity. Medium vine size.

Uses: fresh

Strength: blocky, nice shape, more russet skin

Weakness:

CO04099-3W/Y (081)-Oval White/Yellow Parentage (VC1002-3W/Y x ATC98495-1W/Y). Cross was made and selected in Colorado. Early maturity. Medium large vine size. Red-purple flower color.

Uses: fresh

Strength: nice flesh and skin, nice dark flesh, heavy set, nice uniform shape

Weakness: poor skin finish, light flesh, some feathering+, red eye, small

CO05035-1PW/Y (082)-Oblong Purple-White. 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 flesh and skin

Weakness:

CO05037-3W/Y (083)-Round White. Parentage (AC99330-1P/Y x CO97227-2P/PW). Early maturity. Med-Large vine size. Light Purple flower color.

Uses: fresh

Strength: heavy set, nice flesh+ nice shape and size, BOT

Weakness: not yellow flesh, some pointed, small+, poor skin finish, light flesh

NDA081451CB-1CY (084)-Round Yellow. Parentage (Dakota Diamond x ND 039173CAB-22). Cross was made in North Dakota and selected in Idaho. Medium early maturity. Medium vine size. White flower color.

Uses: fresh

Strength: nice shape and flesh

Weakness: small

TXYG057 (085)-Oblong-White. 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) Food, Guelph, Ontario. TXYG057 is a mutant strain selection made in 1997 by Texas from the variety Yukon Gold

Uses: fresh

Strength: nice shape and flesh, smooth, very nice, BOT, darker yellow flesh than normal

Weakness: small, some rough, poor internal, very large tubers, oversized, light set, hollow heart on very large tubers

ATTX07230-1Y/RE/Y (086)-Oblong White Parentage (AO0286-3Y y x Modoc red 500) Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: red splash, yield+, heavy set++, red splash, nice shape

Weakness: long sprouts, very light flesh

COTX05249-3W/Y (087) -Round White. Parentage (CO00320-1R x ATC98509-1R/Y) Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice flesh

Weakness: long sprouts

COTX07382-2W/Y (088)-Oblong White/Yellow. Parentage (Blazer Russet x Innovator) Cross was made in Colorado and selected in Texas. Medium maturity. Medium vine size. White flower color.

Uses: fresh

Strength: nice shape, smooth, very nice, heavy set, BOT, large tubers

Weakness: light flesh, long sprouts

COTX10097-2W/Y (089)-Oblong White. Parentage (CO04067-10W/Y x CO00412-5W/Y). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice flesh

Weakness: poor shape, long sprouts

NDTX059759-3RY/Y Pinto (090)-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: very nice red color, better yield, nice flesh

Weakness: some red streaks in flesh, some feathering, flat, oval, some scab, low yield

NDTX071217CB-1W/Y (091)-Round White. Parentage (ND 028801CB-1 x ND 039004B-2Y) Cross was made in North Dakota and selected in Texas. Medium maturity. Medium vine size.

Uses: fresh

Strength: nice shape and flesh, large tubers, yellow flesh, BOT, enter in both chip and yell flesh trials, smooth skin finish, early

Weakness: light set, light yield, small

NDTX059775-1W/Y (092)-Oblong White. Parentage (R 89063-84 x Bison).Cross made in North Dakota and selected in Texas.

Uses: fresh

Strength:

Weakness: poor shape, light flesh, small

TX08385-1Y/Y (093)-Oblong Yellow/ Yellow. Parentage (COTX03025-1P/P x 93-1285-6). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness: variable shape, long sprouts

TXYG079 (094)-Oblong-White. 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) Food, Guelph, Ontario. TXYG079 is a mutant strain selection made in 1997 by Texas from the variety Yukon Gold

Uses: fresh

Strength: nice shape heavy set, BOT, very nice large tubers+ nice yellow flesh, darker than normal

Weakness: large tubers, light russet, internal??, oversized

White LaSoda (095)-Oblong White. Parentage (Triumph x Katahdin).

Uses: fresh

Strength:

Weakness: deep eyes, rough

COTX03134-1W (096)-Round White. Parentage (Laratte x PA97B36-3). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness:

Canada Variety Trial

CIT #1(097)-Oblong White. Parentage (?).Late maturity.

Uses: chip

Strength: nice shape, blocky

Weakness:

CIT #2(098)-Round Red. Parentage (?).Medium maturity.

Uses: fresh

Strength: nice shape

Weakness: faded skin, color

CIT #3(099)-Oblong Russet. Parentage (?). Medium maturity.

Uses: fresh

Strength: nice shape, blocky

Weakness:

CIT #4(100)-Oblong Red. Parentage (?). Medium maturity.

Uses: fresh

Strength:

Weakness: poor shape

CIT #5(101)-Round White. Parentage (?).Very late maturity.

Uses: fresh

Strength: nice shape, white flesh

Weakness: long sprouts

CIT #6(102)-Oblong White. Parentage (?).Late maturity.

Uses: fresh

Strength:

Weakness: long sprouts

CIT #7(103)-Oblong White. Parentage (?).Medium maturity.

Uses: chip

Strength: blocky

Weakness: long sprouts, small

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



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