2015 Annual Potato Field Day

Texas Potato Breeding and Variety Development Program

Thursday, July 30, 2015

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

Cooperator: Springlake Potato Sales, Inc.
Funds Received to Support
The Texas Potato Variety Development Program
July 1, 2014- June 30, 2015

USDA/NIFA (Special Research Grants Program, Potato Research) $42,600
Zebra Chip (SCRI) $47,163
USPB Grant for National Chip Breeders Trial – Texas $10,000
USPB Grant for Zebra Chip Evaluations $10,000
Royalty returned to program $120,000
Director’s office AgriLife Research $25,000

$254,763

Expected July 1, 2015 – June 30, 2016:
USDA/NIFA (Special Research Grants Program, Potato Research) $50,000
USPB Grant for National Chip Breeders Trial – Texas $10,000
USPB Grant for Zebra Chip Evaluations $10,000
Royalty return to program (Estimated) $120,000
Director’s Office AgriLife Research $25,000

$215,000

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) $50,000

$90,000

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
Yasin Karan – Visiting Research Scholar from Turkey
Mike Jensen – Technical Assistant II
Jackie Amador, Liz Vielma, and Tyler Roberts - Student Workers
# 2015 Springlake Plot Plan

<table>
<thead>
<tr>
<th>Cage Study</th>
<th>Seedlings</th>
<th>SP-Fert</th>
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<th>RUSS</th>
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<tr>
<td>ATTX98453-6R TXA549-1Ru Mini Tubers</td>
<td><strong>110–109</strong></td>
<td><strong>108–99</strong></td>
<td><strong>98–97</strong></td>
<td><strong>96–87</strong></td>
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<td><strong>84–75</strong></td>
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<td><strong>36–27</strong></td>
<td><strong>26–25</strong></td>
<td><strong>24–15</strong></td>
<td><strong>14–13</strong></td>
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## Texas Potato Variety Development Program 2015 Trials

<table>
<thead>
<tr>
<th>Location</th>
<th>Trial</th>
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<tbody>
<tr>
<td>Springlake</td>
<td>Field Day Red/Specialty (108)</td>
<td>4/6/15</td>
</tr>
<tr>
<td></td>
<td>Western Region Red (8)</td>
<td>4/8/15</td>
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<tr>
<td></td>
<td>Texas Advanced Selection Red (12)</td>
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<td>Field Day Russets/Chip (125)</td>
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<tr>
<td></td>
<td>Western Region Red/Yellow (9)</td>
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<tr>
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<td>Texas Advanced Selection Small Potatoes (20)</td>
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<td>Texas Advanced Selection Red/Yellow Flesh (4)</td>
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<td>Texas Advanced Selection Fingerling (4)</td>
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<td>Texas Advanced Selection Purple Skin Purple Flesh (3)</td>
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<td>Western Region White/Yellow (13)</td>
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<td>Hig/Real (20)</td>
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<td>French (15)</td>
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<td><strong>Total Entries</strong></td>
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Seedlings for Selection in Texas - 2015

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<th>Source</th>
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<td>Oregon</td>
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<tr>
<td>Colorado</td>
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<td><strong>Total</strong></td>
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<td><strong>37,231</strong></td>
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<table>
<thead>
<tr>
<th>Source</th>
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<tr>
<td>Colorado</td>
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<td>Texas</td>
<td>74</td>
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<td>Texas mini tubers</td>
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<tr>
<td>Aberdeen</td>
<td>75</td>
<td>9,373</td>
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<td>North Dakota</td>
<td>46</td>
<td>5,161</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>277</strong></td>
<td><strong>42,081</strong></td>
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</tbody>
</table>

**Grand Total** – 79,312 seedlings from 392 families (crosses) were planted in 2015.
2015 Field Day Trial in Entry Order

Red, Red Yellow Flesh, Specialty Selections/Varieties

Red Skin White Flesh

Chieftan (001)- Round Red. Parentage (la1027-18 x La1354). Cross was made and selected at Iowa State University.

- Uses: fresh
- Strength: nice shape
- Weakness: deep eyes, light skin some IBS, rough, poor internals light skin color
- 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: nice yield nice, yield nice skin color
- Weakness: deep eyes, some brown center, some feathering rough
- Cutting Notes:

CIT #2 (003)- Parentage (??). Variety entered by Agriculture and Agri-Food Canada. Medium maturity.

- Uses: fresh
- Strength:
- Weakness:
- Cutting Notes: small tubers

CIT #4 (004)- Parentage (??). Variety entered by Agriculture and Agri-Food Canada. Medium maturity.

- Uses: fresh
- Strength:
- Weakness:
- Cutting Notes:

CO07102-1R (005)- Oval Red. Parentage (CO99256-3R x CO99076-6R). Cross was made and selected in Colorado. Early maturity. Purple flower color

- Uses: fresh
- Strength:
- Weakness:
- Cutting Notes:

NDA050237B-1R (006)- 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: very nice skin and flesh, BOT-, very dark skin
Weakness:
Cutting Notes: nice color

**NDTX5438-11R (007)**-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 dark skin, BOT-, nice shape nice shape and flesh, nice skin color, BOT-
- Weakness: deep eyes, low yield, tuber moth

Cutting Notes: nice color

**ATTX98453-6R (008)**-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: very nice, BOT, nice shape and skin
- Weakness: virus, light set low yield

Cutting Notes:

**BTX2332-1R (009)**-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 and skin nice, BOT, BOT++, uniform, yield+, uniform, very nice,
- Weakness: feathering internal??

Cutting Notes:

**COTX02172-1R (010)**-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:
- Weakness: too oblong? Small, low yield, drop, small, light skin, shape? Internals?? Poor shape, sprouts ++

Cutting Notes: red streaks in flesh


- Uses: fresh
- Strength:
- Weakness: light skin low yield

Cutting Notes:

**COTX05211-5R (012)**-Oblong Red. Parentage (CO98012-5R x CO00278-4R). 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 set heavy set, yield+, nice shape,
Weakness: feathering small+
Cutting Notes:

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

Uses: fresh
Strength: nice skin color good skin set heavy set, yield+, nice shape,
Weakness: feathering small+
Cutting Notes:

**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, BOT, nice shape heavy set, good skin set
Weakness: some feathering
Cutting Notes:

**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 small shape, smooth small potato candidate
Weakness: light set light skin, low yield
Cutting Notes: smooth

**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 finish good skin set heavy set
Weakness: some pointing, poor shape+, too oblong, shape? More oblong
Cutting Notes: smooth

**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: yield++, BOT, nice shape nice skin color and shape good skin set
Weakness: not as nice, low yield
Cutting Notes: smooth, nice

**TX08375-3R (018)** - Round Red Parentage (CO97222-1R/R x POR02PG26-5) Cross was made and
selected in Texas.

Uses: fresh
Strength: nice shape and skin color, nice shape good skin set move to small potato
Weakness: poor shape, small+
Cutting Notes:

**TX11448-2R (019)**- Oblong Red Parentage (Rio Rojo x COTX94218-1R) Cross was made and selected in Texas.

  - Uses: fresh
  - Strength:
  - Weakness: some feathering

Cutting Notes:

**TX11448-3R (020)**- Oblong Red Parentage (Rio Rojo x COTX94218-1R) Cross was made and selected in Texas.

  - Uses: fresh
  - Strength: nice shape
  - Weakness: light skin

Cutting Notes:

**Red Skin Yellow Flesh**

**ATTX00289-5R/Y (021)**- Oblong Red/Yellow Parentage (NDA5507-3 X TXA1655-1DY). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas.

  - Uses: fresh
  - Strength:
  - Weakness:

Cutting Notes:

**ATTX98444S-16R/Y (022)**- Oblong Red/Yellow Parentage (A83360-9R X T48YF). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas.

  - Uses: fresh
  - Strength: all BOT for small size B's or smaller, heavy set, smooth, BOT for small Potato, nice size, nice shape
  - Weakness: small some faded skin

Cutting Notes:

**ATTX98514-1R/Y (023)**- Oblong Red Parentage (T51YF X A93456-6R). Cross was made in Aberdeen, tuberling produced in Texas and selected in Texas.

  - Uses: fresh
  - Strength: good skin set, nice shape, nice flesh nice dark yellow flesh
  - Weakness: drop for internals light skin Poor internals, hollow heart++

Cutting Notes:

**BTX2103-1R/Y (024)**- 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, good skin set
Weakness: variable shape, lots of B's, deeper eyes, road map, small, poor shape, light flesh
Cutting Notes:

   Uses: fresh
   Strength:
   Weakness:
   Cutting Notes:

   Uses: fresh
   Strength: fingerling, nice flesh
   Weakness: silver scurf not much curve, slight purple streaks in flesh
   Cutting Notes: red streaks in flesh

   Uses: fresh
   Strength:
   Weakness:
   Cutting Notes:

Sierra Rose (028)- 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: very nice skin and flesh nice shape, smooth
   Weakness: some nipples, light skin and flesh, some large, silver scurf
   Cutting Notes:

TX11458-1R/Y (029)- Long Red Parentage (Rio Rojo x ATTX98444-16R/Y) Cross was made and selected in Texas.
   Uses:
   Strength: nice shape, nice flesh
   Weakness:
   Cutting Notes:

TX11458-2R/Y (030)- Oblong Red Parentage (Rio Rojo x ATTX98444-16R/Y) Cross was made and selected in Texas.
   Uses:
   Strength: nice flesh
Weakness: feathering
Cutting Notes:

**TX11458-3R/Y (031)**-Oblong Red Parentage (Rio Rojo x ATTX98444-16R/Y) Cross was made and selected in Texas.
Uses:
Strength: nice skin and flesh
Weakness: small
Cutting Notes:

**Purple Skin**

**A05180-3PY (032)**-Round Purple Pinto. Parentage (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: nice skin and flesh nice color,
Weakness: rough, deeper eyes stolon attachment, some feathering, light flesh rough, silver scurf, some feathering
Cutting Notes:

Uses: fresh
Strength: BOT for P/Y nice size, good skin set, very nice skin smooth, nice flesh and skin
Weakness: some feathering, light flesh stem attachment small silver scurf, rough, deep eyes
Cutting Notes:

**ATTX10262-1PU (034)**-Round Purple. Parentage (A02267-2PY x NorDonna). Cross was made in Aberdeen, tuberling produced in Texas and selected in Texas.
Uses: fresh
Strength:
Weakness:
Cutting Notes:

**ATTX10265-8P/Y (035)**-Oblong Purple/Yellow. Parentage (A02267-2PY x US 147-96RIY). Cross was made in Aberdeen, tuberling produced in Texas and selected in Texas.
Uses: fresh
Strength:
Weakness:
Cutting Notes:

**ATX08121-3P/Y (036)**-Round Purple/Yellow. Parentage (A02267-5PY x CO98012-5R). Cross was made in Aberdeen, and selected in Texas.
Uses: fresh
COTX10138-18P/Y (037)-Oblong Purple. Parentage (AC99329-7PW/Y x AC03534-2R/Y). Cross was made in Colorado and selected in Texas.
   Uses: fresh
   Strength: nice shape, very nice flesh
   Weakness: some silver scurf
   Cutting Notes:

COTX10138-19P/Y (038)-Oblong Purple. Parentage (AC99329-7PW/Y x AC03534-2R/Y). Cross was made in Colorado and selected in Texas.
   Uses: fresh
   Strength:
   Weakness: silver scurf, sticky stolon
   Cutting Notes:

TX10437-10P (039)-Round Purple. Parentage (AOTX93483-1R x ATTX98500-3PW/Y). Cross was made and selected in Texas.
   Uses: fresh
   Strength: nice skin color very nice, PVP, BOT, good skin set, nice flesh, yield+, nice skin large tubers
   Weakness: some feathering
   Cutting Notes: feathering

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: nice shape and smooth skin nice skin finish dark flesh, nice flesh
   Weakness: road map, some white in pith low yield
   Cutting Notes:

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: nice flesh color, very dark flesh
   Weakness: light set road map poor skin, light flesh
   Cutting Notes:

COTX04050S-1P/P (042)-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 and size nice skin, dark flesh nice flesh
Weakness: nipples some heat sprouts, road map too oblong? Poor skin color, dull black
Cutting Notes:

`NDTX092238CS-1P/W (043)`-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 color, very nice skin, very white flesh nice bright purple color very nice skin and shape
  Weakness: some feathering, some larger tubers nipples average for shape
  Cutting Notes: nice shape and size
  Cutting Notes:

`NDTX092238CS-3P/W (044)`-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 skin, nice size nice shape
  Weakness: move to red trial? Larger tubers, too big, feathering white flesh poor skin finish, knobs, check tuber count
  Cutting Notes:

`NDTX092238CS-4P/W (045)`-Round Purple Parentage (ND 049326C-2P x ND 8555-8R) Cross was made in North Dakota and selected in Texas.
  Uses: fresh
  Strength: very nice skin nice color nice skin
  Weakness: some feathering white flesh stolon attachment poor shape, drop
  Cutting Notes:

`TX09406S-1P/P (046)`-Round Purple Parentage (A99331-2RY x CO00405-1R) Cross was made and selected in Texas.
  Uses: fresh
  Strength: keep, nice shape and size, lots of B's, BOT nice shape and color, uniformly small, average skin finish, some silver scurf
  Cutting Notes:

`COTX08365F-1P/P (047)`-Long Purple/Purple. Parentage (POR01PG16-1 x CO00405-1R) Cross was made in Colorado and selected in Texas.
  Uses: fresh
  Strength: nice smooth skin shape, smooth skin, BOT, very nice size and flesh 1 if high tuber count, nice, best internal color nice shape and skin finish
  Weakness: yield-knobs
  Cutting Notes:

`COTX08365F-3P/P (048)`-Long Purple. Parentage (POR01PG16-1 x CO00405-1R) Cross was made in Colorado and selected in Texas.
Uses: fresh
Strength: nice: somewhat thick, better than-1P/P nice skin color smooth skin, nice shape
Weakness: some knobs, white streaks in flesh, low yield too big, poor internals, too large++
Cutting Notes:

**Fingerling**

**NDTX102903-6R/R (049)**-Oblong Red. Parentage (ND060806-1R x ND4659-5R). Cross was made in
North Dakota and selected in Texas.
Uses: fresh
Strength: red-purple skin color
Weakness: some road map, pale red flesh
Cutting Notes:

**Banana (050)**-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 nice flesh
Weakness: more culls some large
Cutting Notes:

**COTX08044F-1R/R (051)**-Long Red. Parentage (FF x KP x FF x KP) Cross was made in Colorado and
selected in Texas.
Uses: fresh
Strength: yield+, BOT+, nice red flesh good skin finish nice internal color,
Weakness: red on one end too thick
Cutting Notes: nice red flesh

**Small Potato**

**ATTX05175S-1R/Y (052)**-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: BOT, very nice flesh, , nice small size uniform size, nice skin finish very nice flesh and
shape, to Kelly, honorable mention, Kelly has it, , nice shape, size and flesh, light skin,
Weakness: deep eyes, low tuber #
Cutting Notes:

**ATX05186S-1R (053)**-Oblong Red. Parentage (A99433-5Y x VC1075-1R). Cross was made in Aberdeen
and selected in Texas.
Uses: fresh
Strength: to Kelly, very white flesh, better rep, CM to Kelly, nice size, shape, and color nice
shape and size
Weakness: yield-too pale skin, drop
Cutting Notes:

**ATX06264S-4R/Y (054)**-Round Red/Yellow. Parentage (A99331-2RY x Durango Red). Cross was made in Aberdeen and selected in Texas.

Uses: fresh
Strength: smooth skin finish, nice color heavy set lots of small tubers, dark skin color, very round
Weakness: not uniform profile, check tuber #, average eye depth (drop Kelly), variable size oversized
Cutting Notes:

**COTX04193S-2R/Y (055)**-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 flesh, nice flesh, Kelly has it, BOT nice round shape, shallow eyes, 1 rating if high tuber count +,
Weakness: low yield
Cutting Notes:

**COTX10073S-1W (056)**-Oblong White. Parentage (A97066-42LB x Alpine Russet). Cross was made in Colorado and selected in Texas.

Uses: fresh
Strength: high set, uniform profile, round, some netting or russetting, very nice BOT, CM to Kelly, nice shape and size,
Weakness: chip?
Cutting Notes:

**COTX10138S-7W/Y (057)**-Round White. Parentage (AC99329-7PW/Y x AC03534-2R/Y). Cross was made in Colorado and selected in Texas.

Uses: fresh
Strength: yield+, nice size and shape, all B's, BOT++, TC, CM to Kelly to Kelly purple eyes, uniform, round, nice skin finish, specialty
Weakness: light flesh discard purple eyes some internal brownspot
Cutting Notes:

**COTX10226S-1W/Y (058)**-Round White Parentage (CO04117-5PW/Y x AC03534-2R/Y). Cross was made in Colorado and selected in Texas.

Uses: fresh
Strength: uniform nice small size and flesh, red splash
Weakness: lot of variability in red splash, some poor netting, deep eyes, poor shape, drop
Cutting Notes:

**NDTX059886S-1W/Y (059)**-Round White Parentage (NDA5507-3 X TXA1655-1DY). Cross was made in North Dakota and selected in Texas.
Uses: fresh
Strength: nice round shape, shallow eyes, 1 rating if high tuber count, BOT, smooth, nice shape and flesh
Weakness:
Cutting Notes:

**NDTX071258BS-1R (060)**-Round Red. Parentage (ND 039035B-9R x ND 4659-5R) Cross was made in North Dakota and selected in Texas.
Uses: fresh
Strength: round good skin color, 1 rating if high tuber count, nice size to Kelly, nice shape,
Weakness: light skin light set, low yield
Cutting Notes:

**NDTX081451CBS-1Y/Y (061)**-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: Kelly has it,
Weakness: move to WH/Y, too big?? Some larger tubers
Cutting Notes:

**NDTX102639CS-1W (062)**-Round White Parentage (ND7550C-1 x ND060831C-6). Cross was made in North Dakota and selected in Texas.
Uses: fresh
Strength: round, heavy set, nice shape, BOT- nice tuber set
Weakness: average skin finish
Cutting Notes:

**NDTX102816CABS-1W (063)**-Round White Parentage (ND060476CAb-6 x ND7519-1). Cross was made in North Dakota and selected in Texas.
Uses: fresh
Strength: nice round shape, shallow eyes, uniform, BOT, nice size
Weakness: average skin finish
Cutting Notes:

**NDTX113037C-2W (064)**-Oblong White. Parentage (Dakota Pearl x ND060705C-8). Cross was made in North Dakota and selected in Texas.
Uses: fresh
Strength:
Weakness:
Cutting Notes:

**TX11448S-4R (065)**-Round Red. Parentage (Río Rojo x COTX94218-1R) Cross was made and selected in Texas.
Uses: fresh
Strength: nice shape nice round shape, good skin finish, check tuber count
Weakness: light skin
Cutting Notes:

**TX12471-10W/Y (066)**-Oblong White/Yellow. Parentage (COTX94218-1R x CO04021-2R/Y) Cross was made and selected in Texas.
  Uses: fresh
  Strength:
  Weakness:
  Cutting Notes:

**White Skin Yellow Flesh**

  Uses: fresh
  Strength: BOT nice shape nice shape and flesh
  Weakness: light set, poor internals
  Cutting Notes:

**Sierra Gold (068)**-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 skin, shape, and flesh, BOT++
  Weakness:
  Cutting Notes:

**A05182-7Y (069)**-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: white skin, small potato, nice, BOT- yield heavy set smooth skin nice small
  Weakness: light skin not red skin sticky stolon
  Cutting Notes:

**ATX05202S-3W/Y (070)**-Oblong White/Yellow. Parentage (A00286-3Y x A99433-5Y). Cross was made in Aberdeen and selected in Texas. Late maturity. Large vine size. Lavender flower color.
  Uses: fresh
  Strength: nice small potato size, BOT, nice size for small potato,
  Weakness:
  Cutting Notes:

**CIT #3 (071)**-Long-Oblong Splash/Yellow. Parentage (Barbara x Monalisa). Variety entered by
Agriculture and Agri-Food Canada. Late maturity.
Uses: fresh
Strength: above average appearance; smooth light yellow skin resistance to golden nematode, extreme resistance to PVY
Weakness:
Cutting Notes:

CIT #6 (072)-Parentage (??). Variety entered by Agriculture and Agri-Food Canada.
Uses: fresh
Strength:
Weakness:
Cutting Notes:

Uses: fresh
Strength: pinto heavy set nice flesh
Weakness: drop, too small, too oblong, small, poor shape+ pointed drop, poor shape
Cutting Notes:

Uses: fresh
Strength:
Weakness:
Cutting Notes:

CO07131-1W/Y (075)-Round White. Parentage (PA4X137-12 x 4X91E22). Cross was made and selected in Colorado. Medium maturity. Red-purple flower color.
Uses: fresh
Strength:
Weakness:
Cutting Notes:

CO07370-1W/Y (076)-Round White. Parentage (US147-96 x CO01399-10P/Y). Cross was made and selected in Colorado. Medium late maturity. White flower color.
Uses: fresh
Strength: pinto heavy set nice flesh
Weakness:
Cutting Notes:

COTX03134-1W (077)-Round White. Parentage (Laratte x PA97B36-3). Cross was made in Colorado and selected in Texas.
Uses: fresh
Strength:
Weakness: uneven russetting, small, shape? Patchy russetting

Cutting Notes:

\textit{NDA081451CB-1CY (078)}-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 nice size, small potato, uniform size, very light russet, some buff, nice flesh
- Weakness: small, sticky stolons++

Cutting Notes:

\textit{TXWL-1 (079)}-Oblong White. Parentage (Triumph x Katahdin).

- Uses: fresh
- Strength: yield+, large tubers, red eyes, eyes not as deep
- Weakness: oversized, deep eyes

Cutting Notes:

\textit{BTX1749-1W/Y (080)}-Oblong White/Yellow. Parentage (K7-6 x BO925-4). Cross was made in Beltsville, Maryland and selected in Texas. Medium maturity. Large vine size.

- Uses: fresh.
- Strengths: keep for ZC
- Weaknesses: deep nose, Rhizoctonia, drop

Cutting Notes:

\textit{COTX05249-3WRE/Y (081)}-Round White-Red Eye/Yellow. Parentage (CO00320-1R x ATC98509-1R/Y) Cross was made in Colorado and selected in Texas.

- Uses: fresh
- Strength:
- Weakness:

Cutting Notes: soft

\textit{COTX07382-2W/Y (082)}-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: uniform, smooth skin, nice shape, nice shape, smooth
- Weakness: light flesh light set small, drop

Cutting Notes: soft

\textit{COTX10097-2W/Y (083)}-Oblong White. Parentage (CO04067-10W/Y x CO00412-5W/Y). Cross was made in Colorado and selected in Texas.

- Uses: fresh
- Strength: nice shape, smooth, nice flesh+
- Weakness: some rough
Cutting Notes:

**COTX10138-16W/Ypinto (084)**-Oblong Pinto. Parentage (AC99329-7PW/Y x AC03534-2R/Y). Cross was made in Colorado and selected in Texas.

Uses:
- Strength: nice shape
- Weakness: small, 10% ZC? Faded purple skin

Cutting Notes:

**COTX10138-8W/Ypinto (085)**-Oblong Pinto. Parentage (AC99329-7PW/Y x AC03534-2R/Y). Cross was made in Colorado and selected in Texas.

Uses:
- Strength: nice shape
- Weakness: faded purple skin, poor internals

Cutting Notes:

**NDTX059759-3RY/Y Pinto (086)**-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, BOT+ BOT, nice flesh nice dark red skin
- Weakness: flat, some purple streaks in flesh

Cutting Notes: flat, red streaks in flesh

**NDTX113438CB-1WRSPL (087)**-Oblong White/Yellow. Parentage (ND050157B-1R x ND7743-2RS). Cross was made in North Dakota and selected in Texas.

Uses: fresh.
- Strengths:
- Weaknesses:

Cutting Notes:

Specialty Commercial Varieties

**Alegria (088)**-Oblong White. Parentage (?).

Uses: fresh
- Strength: yield, nice, BOT-, nice shape nice flesh
- Weakness: lenticels

Cutting Notes: smooth, big tubers

**Allora (089)**-Parentage (?).

Uses: fresh
- Strength:
- Weakness:

Cutting Notes: nice shape
**Soraya (090)** - Oblong White. Parentage (?). Late maturity.
- Uses: fresh
- Strength: nice flesh,
- Weakness: poor shape and yield poor internals, rough

**Wega (091)** - Parentage (?).
- Uses: fresh
- Strength:
- Weakness:
- Cutting Notes: smooth

**05-121 (092)** - Parentage (?).
- Uses: fresh
- Strength:
- Weakness:
- Cutting Notes:

**05-152 (093)** - Parentage (?).
- Uses: fresh
- Strength:
- Weakness:
- Cutting Notes:

**06-363 (094)** - Parentage (?).
- Uses: fresh
- Strength:
- Weakness:
- Cutting Notes: nice fingerling

**08-181R (095)** - Parentage (?).
- Uses: fresh
- Strength:
- Weakness:
- Cutting Notes: nice color

**08-407 (096)** - Parentage (?).
- Uses: fresh
- Strength:
- Weakness:
- Cutting Notes:

**08-417P (097)** - Parentage (?).
- Uses: fresh
- Strength:
Weakness:
Cutting Notes:

Agila (098)-Oblong White. Parentage (?).
   Uses: fresh
   Strength:
   Weakness: poor shape, small, lenticels, poor shape
   Cutting Notes:

Inara (099)-Parentage (?).
   Uses: fresh
   Strength:
   Weakness:
   Cutting Notes: nice shape

Talent (100)-Parentage (?).
   Uses: fresh
   Strength:
   Weakness:
   Cutting Notes: small

US 498-03 (101)-Parentage (?).
   Uses: fresh
   Strength:
   Weakness:
   Cutting Notes: poor shape

   Uses: fresh
   Strength: BOT nice shape nice shape and flesh
   Weakness: light set, poor internals
   Cutting Notes: poor internals nice shape

5MO383-10R (103)-Parentage (?).
   Uses: fresh
   Strength:
   Weakness:
   Cutting Notes: nice color

Atrice (104)-Parentage (?).
   Uses: fresh
Strength:
Weakness:
Cutting Notes: nice flesh

  - Uses: fresh
  - Strength: BOT, BOT++, very nice
  - Weakness:
  - Cutting Notes: nice

_Electra (106)_- Round White. Parentage (C1992/42 x Picasso). Cross made in Ireland
  - Uses: fresh
  - Strength: heavy set, nice flesh and shape, smooth skin
  - Weakness:
  - Cutting Notes: nice shape and color

_ATTX98453-6R (107)_- 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: very nice, BOT, nice shape and skin
  - Weakness: virus, light set low yield
  - Cutting Notes:

_ATTX98453-6R (108)_- 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: very nice, BOT, nice shape and skin
  - Weakness: virus, light set low yield
  - Cutting Notes:
Russet, White Skin Yellow Flesh, Chip Selections/Varieties

Russet Selections


- Uses: fresh
- Strength: nice shape, smooth, long,
- Weakness: light skin, skinny, rough, poor shape deep eyes, drop, skinny, rough
- Cutting Notes: poor shape

**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:
- Weakness: rough, many culls, curved, rough skinny, ugly
- Cutting Notes: growth cracks

**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: very nice, BOT, nice shape, smooth
- Weakness: rough, pointed, small
- Cutting Notes: poor shape


- Uses: fresh
- Strength:
- Weakness: rough, pear shaped poor net
- Cutting Notes: white skin

**Stampede Russet (005)**-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: large tubers, BOT-nice shape++ very nice better rep, keep
- Weakness: blocky low yield
Cutting Notes:

**ATX91137-1RU (006)**-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: heavy set BOT++,
- Weakness: some oversized
- Cutting Notes: BOT

**TX08352-5Ru (007)**-Long Russet. Parentage (TXA549-1Ru x AOTX98137-1RU). Cross was made and selected in Texas.
- Uses: fresh
- Strength: keep fat, nice flesh BOT? Nice flesh, BOT
- Weakness: blocky eyes a little deep, some rough hollow heart, oversized small, light set, late
- Cutting Notes:

**TXA549-1RU (008)**-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: BOT nice
- Weakness: variable size hollow heart on very large tubers, blocky
- Cutting Notes:

**COTX09022-3RuRE/Y (009)**-Oblong Russet Parentage (A00286-3Y x CO99100-1RU) Cross was made in Colorado and selected in Texas.
- Uses: fresh
- Strength: yellow flesh, BOT, nice shape and flesh very nice flesh, BOT-, red eyes, BOT+,, very nice flesh++,
- Weakness:
- Cutting Notes: shriveled

**COTX09052-2Ru (010)**-Long Russet. Parentage (CO03202-1RU x CO98067-7RU) Cross was made in Colorado and selected in Texas.
- Uses: fresh
- Strength: BOT- , keep, nice shape, smooth, nice net keep nice white flesh,
- Weakness: late light net, small, skinny, pointed light set
- Cutting Notes: nice shape

**Russet Norkotah 278 (011)**-Oblong-Long Russet. Parentage (ND95264Ru x ND9687-5Ru). 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:
- Uses: fresh
- Strength:
- Weakness: rough, low yield, curved, some rough too long, pointed
- Cutting Notes: nice

- Uses: process
- Strength:
- Weakness:
- Cutting Notes: poor shape

- Uses: dual
- Strength: light net, nice shape light skin
- Weakness: drop, poor yield, large
- Cutting Notes:

- Uses: dual
- Strength: nice, nice shape, smooth, nice
- Weakness: pointed
- Cutting Notes: growth cracks, poor shape

- Uses: dual
- Strength: nice shape
- Weakness: rough, drop, low yield some pointed
- Cutting Notes: poor shape

**A06862-18VR (017)**-Oblong Russet. Parentage (PA98V1-2 x A98345-1). Cross was made and selected in Aberdeen. Medium maturity. Medium vine size.
- Uses: dual
- Strength:
Weakness:
Cutting Notes: poor shape, shriveled

- Uses: dual
- Strength:
- Weakness:
- Cutting Notes: light russet

- Uses: dual
- Strength: nice shape ok shape
- Weakness: small, pointed
- Cutting Notes: nice shape

**AO01114-4 (020)**-Oblong-long Russet. Parentage (AO92017-6 x A86102-6). Cross was made in Aberdeen, and selected in Oregon. Medium-late maturity. Medium-large vine size. White flower color.
- Uses: dual
- Strength:
- Weakness: curved, pointed, deep eyes blocky, drop, small, drop, some rough
- Cutting Notes: poor shape, hollow heart

- Uses: dual
- Strength:
- Weakness:
- Cutting Notes:

**AOR06070-1KF (022)**-Long Russet. Parentage (A96953-13 x A93005-10). Cross was made in Aberdeen and selected in Oregon.
- Uses: process
- Strength:
- Weakness:
- Cutting Notes: nice shape

**CO05068-1RU (023)**-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 shape, smooth
- Weakness: rough, ugly, pointed, blocky drop heat sprouts, drop
Cutting Notes: blocky, hollow heart

**CO05110-6RU (024)**-Oblong Russet. Parentage (COA96054-3 x CO98009-3RU). Cross was made and selected in Colorado. Early maturity. Small-medium vine size. Red-Purple flower color.

  Uses: dual
  Strength:
  Weakness:
  Cutting Notes:

**CO05175-1RU (025)**-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:
  Weakness: drop, poor shape, drop++, curved, pointed, too long
  Cutting Notes: nice shape, hollow heart, flat

**OR05039-4 (026)**-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: light russet, nice shape
  Weakness: pear shaped, light net, and pointed drop poor skin finish
  Cutting Notes:

**POR06V12-3 (027)**-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 shape
  Weakness: stem attachment, drop, small, light set hollow heart++, blocky
  Cutting Notes: nice

**Fill (028)**-

**CO07015-4RU (029)**-Oblong Russet. Parentage (Fortress Russet x AC00033-2RU). Cross was made and selected in Colorado. Early maturity. White flower color.

  Uses: fresh
  Strength:
  Weakness:
  Cutting Notes:

**CO07049-1RU (030)**-Long Russet. Parentage (AOA95155-7 x AC00594-4RU/Y). Cross was made and selected in Colorado. Medium maturity. Light Purple flower color.

  Uses: fresh
  Strength:
  Weakness:
AORTX10121-2Ru (031)-Oblong Russet. Parentage (A05079-12 x Dakota Trailblazer). Cross was made in Aberdeen, tuberling produced in Oregon, and selected in Texas.
   Uses: fresh.
   Strengths:
   Weaknesses:
   Cutting Notes: shriveled/hollow heart

AORTX11175-1Ru (032)-Oblong Russet. Parentage (Blazer Russet x COA05149-2). Cross was made in Aberdeen, tuberling produced in Oregon, and selected in Texas.
   Uses: fresh.
   Strengths:
   Weaknesses:
   Cutting Notes: hollow heart/browncenter

ATTX07039-2Ru (033)-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: nice shape, BOT-, large, early bulk++, nice flesh, BOT+
   Weakness: some rough blocky, deep eyes
   Cutting Notes: small tubers

ATX00289-2Ru (034)-Long Russet. Parentage (NDA5507-3 X TXA1655-1DY). Cross was made in Aberdeen and selected in Texas.
   Uses: fresh
   Strength: nice flesh, nice shape, BOT-, yield+
   Weakness: small, skinny small some curved, shape not as good
   Cutting Notes: small tubers

ATX10148-1Ru (035)-Oblong Russet. Parentage (A05355-1VR x Stampede Russet). Cross was made in Aberdeen, and selected in Texas.
   Uses: fresh.
   Strengths:
   Weaknesses:
   Cutting Notes:
**ATX10675-1Ru (036)** - Oblong Russet. Parentage (A05379-217 x Dakota Trailblazer). Cross was made in Aberdeen, and selected in Texas. 
- **Uses:** fresh. 
- **Strengths:** long nice shape, advance to WR, BOT-, BOT+ 
- **Weaknesses:** 
- **Cutting Notes:** nice shape

- **Uses:** fresh 
- **Strength:** BOT-, Keep, good shape, nice flesh blocky + 
- **Weakness:** small, light set, light set 
- **Cutting Notes:** small tubers

**COTX05095-2Ru/Y (038)** - 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:** keep for yellow flesh, nice flesh, nice shape 
- **Weakness:** poor net light flesh, drop light net pointed, small 
- **Cutting Notes:** poor shape

**COTX08258-6Ru (039)** - Long Russet. Parentage (PA98V6-1 x Blazer russet) Cross was made in Colorado and selected in Texas. 
- **Uses:** fresh 
- **Strength:** BOT-nice shape nice shape 
- **Weakness:** 1 ZC flat, skinny, drop better shape, drop+, small 
- **Cutting Notes:** poor shape

**COTX08322-10Ru (040)** - Oblong Russet. Parentage (Blazer Russet x AC96052-1RU) Cross was made in Colorado and selected in Texas. 
- **Uses:** fresh 
- **Strength:** keep nice shape 
- **Weakness:** small blocky, large tubers 
- **Cutting Notes:**

**Fill (041)** -

**COTX09042-2Ru (042)** - Long Russet. Parentage (CO99053-3RU x CO03202-1RU). Cross was made in Colorado and selected in Texas. 
- **Uses:** fresh 
- **Strength:** nice skin 
- **Weakness:** small, blocky 
- **Cutting Notes:** small tubers, nice
**COTX09052-1Ru (043)**-Long Russet. Parentage (CO03202-1RU x CO98067-7RU) Cross was made in Colorado and selected in Texas.

- **Uses:** fresh
- **Strength:** BOT- nice shape,
- **Weakness:** late small light net, skinny, too small
- **Cutting Notes:** small tubers

**Fill (044)-**

**COTX10010-1Ru (045)**-Parentage (A0008-1TE x CO98067-7RU). Cross was made in Colorado and selected in Texas.

- **Uses:** fresh
- **Strength:**
- **Weakness:**
- **Cutting Notes:**

**COTX10080-2Ru (046)**-Parentage (CO03364-5RU x CO98067-7RU). Cross was made in Colorado and selected in Texas.

- **Uses:** fresh
- **Strength:**
- **Weakness:**
- **Cutting Notes:** nice shape

**COTX10080-3Ru (047)**-Parentage (CO03364-5RU x CO98067-7RU). Cross was made in Colorado and selected in Texas.

- **Uses:** fresh
- **Strength:**
- **Weakness:**
- **Cutting Notes:** shriveled

**COTX10080-5Ru (048)**-Oblong Russet. Parentage (CO03364-5RU x CO98067-7RU). Cross was made in Colorado and selected in Texas.

- **Uses:** fresh
- **Strength:**
- **Weakness:**
- **Cutting Notes:** small tubers

**COTX10111-8Ru (049)**-Oblong Russet. Parentage (Blazer Russet x CO98067-7RU). Cross was made in Colorado and selected in Texas.

- **Uses:** fresh
- **Strength:** nice shape very nicety-, keep
- **Weakness:** blocky light set
- **Cutting Notes:** small tubers
**COTX10115-1Ru (050)**-Long Russet. Parentage (Classic Russet x CO99100-1RU). Cross was made in Colorado and selected in Texas.
- Uses: fresh
- Strength: nice shape
- Weakness: small
- Cutting Notes: nice shape

**COTX10141-11Ru (051)**-Long Russet Parentage (AC00395-2RU x CO03177-2RU). Cross was made in Colorado and selected in Texas.
- Uses: fresh
- Strength: smooth,
- Weakness: blocky
- Cutting Notes: smooth

**COTX10141-12Ru (052)**-Long Russet Parentage (AC00395-2RU x CO03177-2RU). Cross was made in Colorado and selected in Texas.
- Uses: fresh
- Strength: no hollow heart on large tubers, BOT- nice shape
- Weakness: flat
- Cutting Notes: 

**COTX10141-13Ru (053)**-Long Russet Parentage (AC00395-2RU x CO03177-2RU). Cross was made in Colorado and selected in Texas.
- Uses: fresh
- Strength: fat tubers
- Weakness: blocky oversized, pear shaped
- Cutting Notes: poor shape

**COTX11001-1Ru (054)**-Parentage (Blazer Russet x CO98067-7RU). Cross was made in Colorado and selected in Texas.
- Uses: fresh
- Strength:
- Weakness:
- Cutting Notes: hollow heart

**COTX11018-1Ru (055)**-Parentage (AC00395-2RU x CO99100-1RU). Cross was made in Colorado and selected in Texas.
- Uses: fresh
- Strength:
- Weakness:
- Cutting Notes: hollow heart

**COTX11018-2Ru (056)**-Parentage (AC00395-2RU x CO99100-1RU). Cross was made in Colorado and selected in Texas.
Uses: fresh
Strength:
Weakness:
Cutting Notes: hollow heart, growth cracks

COTX11189-1Ru (057)-Parentage (AC02708-1RU x CO05132-2RU). Cross was made in Colorado and selected in Texas.
    Uses:
    Strength:
    Weakness:
    Cutting Notes: blocky

COTX11206-1Ru (058)-Parentage (AO00057-2 x AOTX96265-2RU). Cross was made in Colorado and selected in Texas.
    Uses: fresh
    Strength:
    Weakness:
    Cutting Notes: large tubers

COTX11222-9Ru (059)-Parentage (AOTX96265-2RU x CO99100-1RU). Cross was made in Colorado and selected in Texas.
    Uses: fresh
    Strength:
    Weakness:
    Cutting Notes: knobs, flat

COTX11381-1Ru (060)-Parentage (CO05206-8RU x Blazer Russet). Cross was made in Colorado and selected in Texas.
    Uses: fresh
    Strength:
    Weakness:
    Cutting Notes:

TXNS410 (061)-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, very nice shape
    Weakness: small, low yield
    Cutting Notes: curved

Chip

Atlantic (062)-Round White. Parentage (Wauseon x Lenape). Cross was made in Beltsville, Maryland,

**Uses:** chip

**Strength:** buff skin, nice shape

**Weakness:** internals? Poor internals

**Cutting Notes:**

**Snowden (063)**-Round White. Parentage (B5141-6 x Wischip. Cross was made and selected at the University of Wisconsin. Late maturity. Large vine size. White flower color

**Uses:** chip

**Strength:** high specific gravity, above average yields

**Weakness:**

**Cutting Notes:**

**AC00206-2W (064)**-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 size, very nice shape, smooth

**Weakness:** light set

**Cutting Notes:** nice shape, oval

**AC03433-1W (065)**-Round White. Parentage (A94322-8C x COA96141-4). Cross was made in Aberdeen, and selected in Colorado. Medium-late maturity. Large vine size. Light Purple flower color.

**Uses:** chip

**Strength:**

**Weakness:**

**Cutting Notes:**


**Uses:** chip

**Strength:** yield, heavy set, smooth

**Weakness:** rough+ some poor shape

**Cutting Notes:** BOT, nice


**Uses:** chip

**Strength:** nice size, nice, smooth+, nice shape

**Weakness:**

**Cutting Notes:** nice shape

**CO07070-10W (068)**-Oval White. Parentage (B0766-3T x CO00188-4W). Cross was made and selected in Colorado. Medium maturity. Light Purple flower color.
CO07070-13W (069)- Oval White. Parentage (B0766-3T x CO00188-4W). Cross was made and selected in Colorado. Early maturity. White flower color.
- Uses: chip
- Strength:
- Weakness:
- Cutting Notes: nice shape

- Uses: chip
- Strength:
- Weakness:
- Cutting Notes: uniform

AF 4157-6 (071)- Round White. Parentage (Yankee Chipper x Dakota Pearl). Cross was made and selected in Maine. Early maturity.
- Uses: chip
- Strength:
- Weakness:
- Cutting Notes: uniform

AF 0338-17 (072)- Round White. Parentage (AF303-5 x SA8211-6). Cross was made and selected in Maine. Medium maturity.
- Uses: chip
- Strength:
- Weakness:
- Cutting Notes: uniform, small tubers

AF 4648-2 (073)- Round White. Parentage (NY132 x Liberator). Cross was made and selected in Maine. Medium maturity.
- Uses: chip
- Strength:
- Weakness:
- Cutting Notes: smooth

- Uses: chip
Strength: buff skin, nice shape
Weakness: internals? Poor internals
Cutting Notes: large tubers, BOT

**BNC 182-5 (075)**-Parentage (??).
Uses: chip
Strength:
Weakness:
Cutting Notes: smooth, nice yellow flesh

**MSK 061-4 (076)**-Parentage (??).
Uses: chip
Strength:
Weakness:
Cutting Notes: smooth, small

**NY 148 (077)**-Parentage (??). Cross was made and selected at Cornell.
Uses: chip
Strength:
Weakness:
Cutting Notes: smooth, small

**Waneta (078)**-Oblong White. Parentage (??). Cross made and selected at Cornell University.
Uses: chip
Strength: nice shape
Weakness: light set, low yield+, BOT
Cutting Notes: smooth, nice shape

**Kea (079)**-Parentage (??).
Uses: chip
Strength:
Weakness:
Cutting Notes: smooth, small

**Baltic Cream (080)**-Round White. Parentage (?). Produced by Norika America.
Uses: fresh
Strength: very nice, nice size
Weakness: small+, heat sprouts low yield road map
Cutting Notes: smooth, light, yellow flesh

**CIT#1 (081)**-Parentage (??). Variety entered by Agriculture and Agri-Food Canada. Late maturity.
Uses: chip
Strength:
Weakness:
Cutting Notes: small tubers, nice shape

**CIT#5 (082)** - Oval White. Parentage (N0637-6 x AC Chaleur). Cross was made and selected in Fredericton, New-Brunswick. Late maturity. Variety entered by Agriculture and Agri-Food Canada.
- Uses: chip
- Strength:
- Weakness:
- Cutting Notes: small tubers, uniform

**CIT#7 (083)** - Parentage (??). Variety entered by Agriculture and Agri-Food Canada.
- Uses: chip
- Strength:
- Weakness:
- Cutting Notes: smooth

**CIT#8 (084)** - Parentage (??). Variety entered by Agriculture and Agri-Food Canada.
- Uses: chip
- Strength:
- Weakness:
- Cutting Notes: smooth

**AORTX09033-9W (085)** - Parentage (CO96141-4W x Ivory Crisp). Cross was in Aberdeen, tuberling produced in Oregon, and selected in Texas.
- Uses: chip
- Strength:
- Weakness:
- Cutting Notes: large tubers

**AORTX11455-4W (086)** - Parentage (A00206-1C x MSJ316A-LF). Cross was in Aberdeen, tuberling produced in Oregon, and selected in Texas.
- Uses: chip
- Strength:
- Weakness:
- Cutting Notes:

**ATTX11476-12W (087)** - Parentage (A05158-2C X MSJ316A-LF). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas.
- Uses: chip
- Strength:
- Weakness:
- Cutting Notes: large tubers, poor shape

**ATTX11476-2W (088)** - Parentage (A05158-2C X MSJ316A-LF). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas.
Uses: fresh
Strength:
Weakness:
Cutting Notes: large tubers

*ATTX11476-3W (089)*-Parentage (A05158-2C x MSJ316A-LF). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas.
   Uses: fresh
   Strength:
   Weakness:
   Cutting Notes: large tubers

*ATX11461-3W (090)*-Parentage (A01143-3C x 00-3115-11). Cross was made in Aberdeen, tuberling produced in Texas, and selected in Texas.
   Uses: chip
   Strength:
   Weakness:
   Cutting Notes: hollow heart

*NDTX113030C-3W (091)*-Parentage (Dakota Diamond x ND7192-1). Cross was made in North Dakota and selected in Texas.
   Uses: chip
   Strength:
   Weakness:
   Cutting Notes: large tubers

*NDTX113030C-5W (092)*-Parentage (Dakota Diamond x ND7192-1). Cross was made in North Dakota and selected in Texas.
   Uses: chip
   Strength:
   Weakness:
   Cutting Notes:

*NDTX113030C-6W (093)*-Parentage (Dakota Diamond x ND7192-1). Cross was made in North Dakota and selected in Texas.
   Uses: chip
   Strength:
   Weakness:
   Cutting Notes: large tubers

*NDTX113467CB-1W (094)*-Parentage (ND060485Cb-1 x ND7519-1). Cross was made in North Dakota and selected in Texas.
   Uses: chip
   Strength:
   Weakness:
Weakness: nice size

**TX12479-1W (095)**-Parentage (Atlantic x TX08402) Cross was made and selected in Texas.
  Uses: chip
  Strength:
  Weakness: large tubers
  Cutting Notes: nice size

**COTX10031-1W (096)**-Round White. Parentage (AC01151-5W x CO02033-1W). Cross was made in Colorado and selected in Texas.
  Uses: chip
  Strength: nice shape, BOT-
  Weakness:
  Cutting Notes:

**COTX10076-11W (097)**-Oblong White. Parentage (CO03243-3W x CO02024-9W). Cross was made in Colorado and selected in Texas.
  Uses: chip
  Strength: very nice shape, BOT-
  Weakness:
  Cutting Notes:

**COTX10076-1W (098)**-Round White. Parentage (CO03243-3W x CO02024-9W). Cross was made in Colorado and selected in Texas.
  Uses: chip
  Strength: smooth,
  Weakness: hollow heart
  Cutting Notes: large tubers

**COTX10076-7W (099)**-Round White. Parentage (CO03243-3W x CO02024-9W). Cross was made in Colorado and selected in Texas.
  Uses: chip
  Strength: nice shape
  Weakness: small
  Cutting Notes: small tubers, uniform

**COTX10079-11W (100)**-Oblong White. Parentage (CO03273-7W x CO02321-4W). Cross was made in Colorado and selected in Texas.
  Uses: chip
  Strength: smooth
  Weakness: hollow heart
  Cutting Notes: large tubers
**NDTX060700C-1W (101)**-Round White. Parentage (NDTX 7560C-4 x NDTX 7192-1). Cross was made in North Dakota and selected in Texas.

- Uses: chip
- Strength: heavy set, uniform small potato candidate
- Weakness: too small++, light set too small
- Cutting Notes: small tubers

**NDTX071109C-1W (102)**-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: nice size and shape, heavy set, uniform
- Weakness: light set large tubers
- Cutting Notes:

**NDTX081644CAB-2W (103)**-Round White. Parentage (ND 8331Cb-3 X ND 028804CAB-5) Cross was made in North Dakota and selected in Texas.

- Uses: chip
- Strength: nice flesh
- Weakness: too small, internals?
- Cutting Notes: feathering

**NDTX081648CB-13W (104)**-Round White. Parentage (ND 8456-1 x ND7377CB-1) Cross was made in North Dakota and selected in Texas.

- Uses: chip
- Strength: nice size and shape, nice flesh nice shape
- Weakness: light set
- Cutting Notes: poor shape

**NDTX091908AB-2W (105)**-Round White. Parentage (Ebt 6-21-5 X ND 7519-1) Cross was made in North Dakota and selected in Texas.

- Uses: chip
- Strength: BOT++, very nice
- Weakness: small, too oblong, brown center
- Cutting Notes:

**NDTX102461AB-4W (106)**-Oblong White Parentage (Ivory Crisp x ND 060421Ab-1). Cross was made in North Dakota and selected in Texas.

- Uses: chip
- Strength: smooth skin, nice shape
- Weakness:
- Cutting Notes: feathering

**NDTX102462C-6W (107)**-Round White Parentage (Ivory Crisp x ND 060831C-1) Cross was made in North Dakota and selected in Texas.
Uses: chip
Strength: nice smooth, BOT yield+, heavy set, smooth,
Weakness:
Cutting Notes:

**NDTX102514ABC-5W (108)**-Round White Parentage (Etb 6-5-5 x ND 060831C-6) Cross was made in North Dakota and selected in Texas.
  Uses: chip
  Strength: uniform, heavy set, BOT
  Weakness: too oblong, small, light set
  Cutting Notes: feathering

**NDTX102640Cb-1W (109)**-Round White Parentage (ND7550c-1 x ND071006B-2). Cross was made in North Dakota and selected in Texas.
  Uses: chip
  Strength: heavy set, uniform
  Weakness:
  Cutting Notes: feathering

**NDTX102643CAB-1W (110)**-Round White Parentage (ND7799c-1 x ND060380Ab-5). Cross was made in North Dakota and selected in Texas.
  Uses: chip
  Strength: smooth
  Weakness: poor internals
  Cutting Notes: feathering

**NDTX102702C-1W (111)**-Oblong White Parentage (ND049326C-2P x ND059978C-1). Cross was made in North Dakota and selected in Texas.
  Uses: chip
  Strength: large tubers
  Weakness:
  Cutting Notes: feathering

**NDTX102852CB-3Ru (112)**-Oblong Russet Parentage (ND060607B-4 x ND060831C-6). Cross was made in North Dakota and selected in Texas.
  Uses: chip
  Strength: nice shape, large tubers
  Weakness:
  Cutting Notes: Atlantic like

**NDTX102852CB-4Ru (113)**-Oblong Russet Parentage (ND060607B-4 x ND060831C-6). Cross was made in North Dakota and selected in Texas.
  Uses: chip
  Strength: nice shape
Weakness: hollow heart, large tubers
Cutting Notes: too long

**NDTX113059-1W (114)**-Oblong White Parentage (Ivory Crisp x ND7192-1). Cross was made in North Dakota and selected in Texas.
Uses: chip
Strength: smooth
Weakness:
Cutting Notes: feathering

**NDTX113218C-2W (115)**-Oblong White Parentage (ND860-2 x ND5873-53). Cross was made in North Dakota and selected in Texas.
Uses: chip
Strength: better shape
Weakness: poor shape
Cutting Notes: variable size

**NDTX113218C-3W (116)**-Oblong White Parentage (ND860-2 x ND5873-53). Cross was made in North Dakota and selected in Texas.
Uses: chip
Strength: nice shape, BOT-, smooth
Weakness:
Cutting Notes:

**NDTX113266C-1W (117)**-Oblong White Parentage (ND5873-53 x ND7192-1). Cross was made in North Dakota and selected in Texas.
Uses: chip
Strength: heavy set
Weakness: too oblong, shape??
Cutting Notes:

**NDTX113277-1W (118)**-Oblong White Parentage (ND7192-1 x Ivory Crisp). Cross was made in North Dakota and selected in Texas.
Uses: chip
Strength:
Weakness: some rough, hollow heart, poor shape
Cutting Notes: poor shape

**TX09396-1W (119)**-Oblong White Parentage (Atlantic x NY139) Cross was made and selected in Texas.
Uses: chip
Strength: large tubers, nice light set
Weakness: rough, large tubers
Cutting Notes: feathering
**TX09403-14W (120)** - Round White Parentage (NY138 x Ivory Crisp) Cross was made selected in Texas.
- **Uses:** chip
- **Strength:** very nice shape, uniform, BOT, yield+, heavy set nice shape and size
- **Weakness:**
- **Cutting Notes:** nice ideal shape, BOT

**Waneta (121)** - Oblong White. Parentage (??). Cross made and selected at Cornell University.
- **Uses:** chip
- **Strength:** nice shape
- **Weakness:** light set, low yield+

**WTX10640-2W (122)** - Round White Parentage (Torridon x A-32) Cross was made in Wisconsin and selected in Texas.
- **Uses:** chip
- **Strength**
- **Weakness:** poor shape++, very small
- **Cutting Notes:** small tubers

**WTX10640-3W (123)** - Round White Parentage (Torridon x A-32) Cross was made in Wisconsin and selected in Texas.
- **Uses:** chip
- **Strength**
- **Weakness:** poor internals, small, poor shape
- **Cutting Notes:** small tubers

**WTX10646-2W (124)** - Oblong White Parentage (W2324-1 x Eva) Cross was made in Wisconsin and selected in Texas.
- **Uses:** chip
- **Strength:**
- **Weakness:**
- **Cutting Notes:** large tubers

**NDTX102796CbS-2W (125)** - Round White. Parentage (ND059999C-4 x ND060618CB-3). Cross was made in North Dakota and selected in Texas.
- **Uses:** chip
- **Strength:** smooth skin round
- **Weakness:** chip? , too big, move to chip trial larger tubers, some russeting
- **Cutting Notes:** nice shape
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