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

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
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<tbody>
<tr>
<td>USDA/NIFA (Special Research Grants Program, Potato Research)</td>
<td>$48,000</td>
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<tr>
<td>Zebra Chip (SCRI)</td>
<td>$47,163</td>
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<tr>
<td>USPB Grant for National Chip Breeders Trial – Texas</td>
<td>$10,000</td>
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<tr>
<td>Royalty returned to program</td>
<td>$90,000</td>
</tr>
<tr>
<td>Director’s office AgriLife Research</td>
<td>$25,000</td>
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<tr>
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<td><strong>$220,163</strong></td>
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**Expected July 1, 2014 – June 30, 2015:**

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<tr>
<td>USDA/NIFA (Special Research Grants Program, Potato Research)</td>
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<td>Zebra Chip (SCRI)</td>
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<td>USPB Grant for National Chip Breeders Trial – Texas</td>
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<tr>
<td>USPB Grant for Zebra Chip Evaluations</td>
<td>$10,000</td>
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<tr>
<td>Royalty (Estimated)</td>
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<tr>
<td>Director’s Office AgriLife Research</td>
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<td><strong>$207,600</strong></td>
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**In-kind support:**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CSS Farms (Milt Carter, Grant Monie, Jerry Henderson, Brian Zens,</td>
<td>$40,000</td>
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<tr>
<td>John Wallace and Randy Spevak)</td>
<td></td>
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<tr>
<td>Springlake Potato Sales (Bruce Barrett, Steve Barrett, Tim Gonzalez,</td>
<td>$40,000</td>
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<tr>
<td>and Cliff Black)</td>
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<td></td>
<td><strong>$80,000</strong></td>
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</tbody>
</table>

**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
<table>
<thead>
<tr>
<th>Cage Study</th>
<th>Commercial Fingering</th>
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<tbody>
<tr>
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<tr>
<td></td>
<td>SP-Fert</td>
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<table>
<thead>
<tr>
<th>French Cage Study</th>
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<tr>
<th>R-P/R-P</th>
<th>TXRD</th>
<th>TXRD/Y</th>
<th>TXCH</th>
<th>TXWH/Y</th>
<th>TXFG</th>
<th>HIG/REAL</th>
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<table>
<thead>
<tr>
<th>Chip</th>
<th>RD/Y</th>
<th>RDW</th>
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<table>
<thead>
<tr>
<th>Sara</th>
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Texas Potato Variety Development Program 2014 Trials

<table>
<thead>
<tr>
<th>Location</th>
<th>Trial</th>
<th>Planted</th>
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</thead>
<tbody>
<tr>
<td>Springlake</td>
<td>Field Day Red/Specialty (86)</td>
<td>03/29/14</td>
</tr>
<tr>
<td></td>
<td>Sara Kammlade Trial (5)</td>
<td>03/31/14</td>
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<tr>
<td></td>
<td>Red White Flesh (11)</td>
<td>03/31/14</td>
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<tr>
<td></td>
<td>Texas Advanced Selection Red (10)</td>
<td>03/31/14</td>
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<tr>
<td></td>
<td>Field Day Russets/Chip (96)</td>
<td>03/29/14</td>
</tr>
<tr>
<td></td>
<td>Red Skin Yellow Flesh (12)</td>
<td>03/31/14</td>
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<tr>
<td></td>
<td>Texas Advanced Selection Red/Yellow Flesh (3)</td>
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<tr>
<td></td>
<td>PVP (21)</td>
<td>04/02/14</td>
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<tr>
<td></td>
<td>Specialty Commercial (21)</td>
<td>04/02/14</td>
</tr>
<tr>
<td></td>
<td>Texas Advanced Selection Fingerling (6)</td>
<td>04/02/14</td>
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<tr>
<td></td>
<td>Red/Purple Skin Red/Purple Flesh (6)</td>
<td>04/02/14</td>
</tr>
<tr>
<td></td>
<td>White Skin Yellow Flesh (13)</td>
<td>04/02/14</td>
</tr>
<tr>
<td></td>
<td>Texas Advanced Selection White Skin Yellow Flesh (12)</td>
<td>04/02/14</td>
</tr>
<tr>
<td></td>
<td>Chip (9)</td>
<td>04/02/14</td>
</tr>
<tr>
<td></td>
<td>Texas Advanced Selection Small Potatoes (18)</td>
<td>04/04/14</td>
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<tr>
<td></td>
<td>Texas Advanced Chip Selection (14)</td>
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<tr>
<td></td>
<td>Russet (30)</td>
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<tr>
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<td>Texas Advanced Selection Russets (25)</td>
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<tr>
<td></td>
<td>Spacing Fertility</td>
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<tr>
<td></td>
<td>Commercial Fingerling (20)</td>
<td>04/05/14</td>
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<td></td>
<td><strong>Total Entries</strong></td>
<td><strong>412</strong></td>
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</tbody>
</table>

| 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 Varity (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

<table>
<thead>
<tr>
<th>Source</th>
<th>Families</th>
<th>Total Planted</th>
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</thead>
<tbody>
<tr>
<td>North Dakota</td>
<td>28</td>
<td>2,737</td>
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<tr>
<td>Oregon</td>
<td>87</td>
<td>14,500</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>115</strong></td>
<td><strong>17,237</strong></td>
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Seedlings planted at Dalhart

<table>
<thead>
<tr>
<th>Source</th>
<th>Families</th>
<th>Total Planted</th>
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<tbody>
<tr>
<td>Colorado</td>
<td>88</td>
<td>20,390</td>
</tr>
<tr>
<td>Texas</td>
<td>83</td>
<td>37,321</td>
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<tr>
<td>Texas mini tubers</td>
<td>27</td>
<td>3,662</td>
</tr>
<tr>
<td>Aberdeen</td>
<td>102</td>
<td>6,811</td>
</tr>
<tr>
<td>North Dakota</td>
<td>58</td>
<td>6,987</td>
</tr>
<tr>
<td>Oregon</td>
<td>161</td>
<td>23,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>519</strong></td>
<td><strong>98,171</strong></td>
</tr>
</tbody>
</table>

**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
- 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:
   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

   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: variable flesh color
Weakness:*

**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:*


*Uses: fresh
Strength: 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

  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:

  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:

   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

   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:

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

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

   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


- 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


- Uses: fresh
- Strength: nice shape
- Weakness: light set, small, drop, pointed, white skin, poor shape, long, skinny, curved


- Uses: fresh
- Strength: very nice shape, blocky, very white flesh
- Weakness:


- 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

**A02062-1TE (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
   Uses: dual
   Strength: blocky, nice shape, fat tubers, BOT
   Weakness: slight vascular discoloration, pointed, drop

   Uses: dual
   Strength: very nice shape, BOT
   Weakness:

   Uses: dual
   Strength: nice shape, white skin
   Weakness:

   Uses: dual
   Strength: nice shape
   Weakness:

   Uses: dual
   Strength: very nice skin and shape
   Weakness:

   Uses: dual
   Strength:
   Weakness: small blocky

   Uses: dual
   Strength: nice shape, nice flesh, blocky
   Weakness: small, skinny, stem end bruise, drop, light set pointed+, curved, drop

   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


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:*


  *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

   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


- **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


- **Uses:** chip
- **Strength:** nice shape yield+, nice size
- **Weakness:** drop, knobs, deep nose, protruding navel, rough, feathering,


- **Uses:** chip
- **Strength:** nice shape, yield++, nice flesh
- **Weakness:** shape??, more oblong, poor shape, pointed, drop, large tubers


- **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 x ND7377CB-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**


- 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


- 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 russetting, 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


- **Uses:** fresh
- **Strength:** nice flesh and skin
- **Weakness:**


- **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 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