

*2022 Annual Potato Field Day  
Texas A&M University Potato Breeding Program*



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

*Cooperator: Springlake Potato Sales, Inc.*



*James Edward Winder*

1931-2022

Jim Winder was a long-time friend and volunteer for the TAMU Potato Breeding Program. Jim was a veteran and retired from farming and as Postmaster. He gave us many hours cutting seed and driving the tractor for planting and grading at harvest. Jim was a woodworker and made a grading desk and a table for seed cutting. Jim can be best described as always driving a straight row literally and in his life. When you worked with Jim, he made you a better person.

# **2022 Field Day Handbook**

## **Texas A&M University Potato Breeding Program**

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Texas A&M University

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Hosted by Springlake Potato Sales, Inc.

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*NAVIGATION INSTRUCTIONS: To navigate this handbook, please place your cursor over blue color text (until you see a hand) and click. At the bottom of most pages, you will have the option to go back to the table of contents (or to obtain additional information about potato clones)*

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## 2022 Field Day Trial in Entry Order

[Chieftain \(22SPRFD001\)](#) -Round Red. Parentage (1a1027La1027-18 x La1354). Cross was made and selected at Iowa State University.

Uses: fresh

Strength: smooth skin, shallow eyes, good shape, BOT, parent, large nice, good size, oval

Weakness: pale red skin, a second set of tubers, some skin netting, attached stolons, rough skin

FC=1, FC=1

Cutting Notes:

[Red LaSoda \(22SPRFD002\)](#) -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: bright red skin, high tuber number, medium-large tubers high yield more intense red skin than standard Red LaSoda

Weakness: chain tubers, many knobs, deep eyes+, feathering, enlarged lenticels, small tubers, ugly shapes very large, a little flat, huge, FC=1, FC=1

Cutting Notes: Rhizoctonia

[Modoc \(22SPRFD003\)](#) -Round Red. Parentage (ND1216-2R x ND2225-1R). Cross was made in North Dakota and selected in Oregon. Early maturity.

Uses: fresh

Strength: intense red skin+, few eyes++, nice shape+, nice color, nice shape, shallow eyes+, BOT+, smooth skin, nice size, high tuber number,

Weakness: herbicide damage? (several deformed tubers) FC=1.3, FC=1.3

Cutting Notes: smooth skin

[A08122-9RY \(22SPRFD004\)](#) -Round Red. Parentage (A02267-5PY x COA01406-1R). Cross was made and selected in Idaho. Early maturity. Small vine size. Dark red-purple flower color.

Uses: fresh

Strength:

Cutting Notes:

[A08122-12Rsto \(22SPRFD005\)](#) -Round Red. Parentage (A02267-5PY x COA01406-1R). Cross was made and selected in Idaho. Medium maturity. Medium vine size. Dark red-purple flower color.

Uses: fresh

Strength: all smalls, nice, round, many tubers, parent for smalls, high tuber number+++, uniform size, uniform shape+, parent very round+

Weakness: heat sprouts sprouting FC=1, FC=1

Cutting Notes: mixed white and yellow flesh, planted white flesh

[NDA8512C-1R \(22SPRFD006\)](#) - Round Red. Parentage (ND6694C-1R x ND5256-7R). Cross was made in North Dakota and selected in Idaho. Early maturity. Small vine size. Medium red-purple flower color.

Uses: fresh

Strength:

Cutting Notes:

[CO14040-3R \(22SPRFD007\)](#) -Round Red. Parentage (CO99256-2R x CO05211-4R). Cross was made and selected in Colorado. Medium-early maturity. Medium vine size. Red-purple flower color.

Uses: fresh  
Strength:  
Cutting Notes: all small, nice round, white flesh

[Yukon Gold \(22SPRFD008\)](#) -Oblong White/Yellow. Parentage (W5279-4 x Norgleam). Cross was made and selected in Ontario, Canada. Released in 1980 by Agriculture Canada, The University of Guelph, and The Ontario Ministry of Agriculture and Food, Guelph, Ontario. Medium-early maturity. Medium-large vine size. Violet flower color.

Uses: fresh  
Strength: medium-large tubers, nice size and shape, very large tubers, smooth skin  
Weakness: few tubers+++ , some rotten, deep bud ends, a little flat, very large, FC=3, FC=3  
Cutting Notes: large tubers

[A08120-4Y \(22SPRFD009\)](#) -Round Yellow/Yellow. Parentage (A02267-2PY x POR02PG26-5). Cross was made and selected in Idaho. Medium maturity. Medium vine size Dark red-purple flower color

Uses: Fresh  
Strength: very small tubers+++ , parent for smalls++ , uniform size and shape++ , BOT,  
Weakness: late, attached stolons some splashed, pink tint, pink eyes low yield, bronzed skin patches FC=2.2, FC=3.3  
Cutting Notes:

[AC10376-2012-1W/Y \(22SPRFD010\)](#) - Oval White. Parentage (Gala x Granola). Cross was made and selected in Colorado. Medium maturity. Large vine size. White flower color.

Uses: fresh  
Strength:  
Cutting Notes:

[AORTX09037-1W/Y \(22SPRFD011\)](#) -Round White. Parentage (Fasan x Ivory Crisp). Cross was made in Idaho, tuberling produced in Oregon, and selected in Texas.

Uses: fresh  
Strength: medium size tubers, nice size and shape, nice, good shape+ and size high tuber number++ , smaller profile than Yukon Gold  
Weakness: FC=2.6, FC=3.2  
Cutting Notes: test for Rysto

[COTX10118-4Wpe/Y \(22SPRFD012\)](#) - Round White Purple Eye Parentage (07S021 x AC03534-2R/Y). Cross was made in Colorado and selected in Texas.

Uses: fresh  
Strength: purple eye shadow+++ , smooth skin+ , nice skin pattern, nice skin pattern, very high tuber number++ , unique purple eye shadow pattern, BOT, Promote  
Weakness: FC=2.5, FC=3.5  
Cutting Notes: smooth skin, very nice, flat, purple eye shadow

[POR16PG34-1 \(22SPRFD013\)](#) – Round Yellow. Parentage (POR11PG62-6 x Bulk). Cross was made and selected in Oregon. Early-medium maturity. Medium-large vine size. Pink flower color.

Uses: fresh  
Strength:  
Cutting Notes: one sack had many frozen tubers

[AORTX09037-5W/Y \(22SPRFD014\)](#) -Round White. Parentage (Fasan x Ivory Crisp). Cross was made in Idaho, tuberling produced in Oregon, and selected in Texas.

Uses: fresh  
Strength: very high tuber number, parent for yield  
Weakness: a few heat sprouts, peeping heat sprouts+  
Cutting Notes: test for Rysto

[CO14226-3W/Y \(22SPRFD015\)](#) - Round White. Parentage (AC07315-1W/Y x BDC704-1-1W/Y). Cross was made and selected in Colorado. Very early maturity. Medium-large vine size. White flower color.

Uses: fresh  
Strength:  
Cutting Notes:

[ATX11684f-2W/Y \(22SPRFD016\)](#) -White/Yellow. Parentage (Nicola x POR02PG26-5). Cross was made in Idaho and selected in Texas.

Uses: fresh  
Strength: fingerling, smooth skin+, shiny+, better than Banana, PVP?, parent  
Weakness: FC=2.5

[Banana \(22SPRFD017\)](#) -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 unknown.

Uses: fresh  
Strength:  
Weakness: many knobs, few tubers, chain tubers+, extreme heat sprouts,+ very deformed, light sprouts  
Cutting Notes: nice seed

[COTX08365f-3P/P \(22SPRFD018\)](#) -Purple/Purple. Parentage (POR01PG16-1 x CO00405-1R) Cross was made in Colorado and selected in Texas.

Uses: fresh  
Strength: dark purple skin, fingerling, long, smooth skin, high tuber number+, PVP and release, characterize tubers, light sprouts, characterize Purple Majesty and Banana as reference checks, good fingerling  
Weakness: misshapen purple flesh with concentrated pigmented spots bowling pins, FC=3.3, FC=4  
Cutting Notes: spots of concentration pigmentation in flesh

[COTX17016f-2P/P \(22SPRFD019\)](#) -Long Purple. Parentage (CO08029-1RF/R x CO12201-3PF/P). Cross was made in Colorado and selected in Texas.

Uses: fresh  
Strength: very nice fingerling, intense red skin+, and flesh, smooth skin+, shiny, pretty fingerling, TC, produce minitubers  
Weakness: misshapen knobs, few tubers, FC=5  
Cutting Notes: smooth skin, nice, very intense purple flesh

[COTX17115f-3R/R \(22SPRFD020\)](#) -Long Red. Parentage (POR06PG24-2 x CO08029-1RF/R). Cross was made in Colorado and selected in Texas.

Uses: fresh  
Strength: nice fingerling, very light red flesh, red skin similar to Sierra Rose  
Weakness:  
Cutting Notes: smooth skin, intense red skin, light flesh

[PORTX03PG25-2R/R \(22SPRFD021\)](#) -Round Oblong Red/Red. Parentage (PA97B35-1 x PA99P7-2). Cross was made in Prosser, WA, tuberling grown in Oregon and selected in Texas.

Uses: fresh.

Strength: very nice, fingerling, intense red skin

Weakness: misshapen, knobs, few tubers, FC=3.6, FC=3.5

Cutting Notes: very intense red flesh

[TX17788f-4R/R \(22SPRFD022\)](#) -Long Red/Red. Parentage (AOR07783-1 x TX12474-1P/P). Cross was made and selected in Texas.

Uses: fresh

Strength: nice fingerling, good fingerling, intense red skin, smooth skin+, nice, shallow eyes, nice fingerling shape, uniform medium, pink flesh TC, produce minitubers

Weakness: misshapen, knobs FC=3, FC=3

Cutting Notes: very long, smooth skin, nice, intermediate flesh

[Fill \(22SPRFD023\)](#)

[TX19511f-6R/Y \(22SPRFD024\)](#) -Red. Parentage (NDTX059759-3R/Y Pinto x ATTX98444s-16R/Y). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: oblong, intense red skin, and yellow flesh

[ATX88481-1P/W \(22SPRFD025\)](#) -Purple. Parentage (A92657-1R x A89655-5DY). Cross was made in Idaho, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: nice shape, oblong, blocky+, large, oblong to long, nice,

Weakness: some rotten tubers feathering, FC=1

Cutting Notes: shriveled, skin damaged, white flesh

[ATX11549-1P/Y \(22SPRFD026\)](#) -Oval Purple/Yellow. Parentage (Huckleberry Gold x ND8555-8R). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength: medium size, nice, medium-large, nice size and shape, very dark purple skin, yellow flesh, nice, very round+, medium, very nice

Weakness: silver scurf, scab rotting FC=2.5, FC=3.2

Cutting Notes: shriveled, yellow flesh

[ATX11586-2R/Y \(22SPRFD027\)](#) -Oblong Red/Yellow. Parentage (A05173-2RY x Mila). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength: very bright skin color, shiny, high tuber number, intense skin color+, nice skin color, shallow eyes, nice skin color, small-medium

Weakness: not uniform shape, pointed, very pointed, DROP, pointed a little pointed FC=2.3, FC=3.3

Cutting Notes: oval

[NDTX059759-3R/Y Pinto \(22SPRFD028\)](#) -Oblong Red Pinto/Yellow. Parentage (ATND 99331-2 Pinto x ND 7834-2P). Cross was made in North Dakota and selected in Texas.

Strength: renew seed, smooth skin, few eyes, produce minitubers



Weakness: SCAB++, rotten, flat bicolor, looks immature, few tubers, small tubers, knobs, some pink in the flesh, scab, many tubers with scab, FC=3.3, FC=2.5  
Cutting Notes: scab

[NDTX14156-2RWpinto/Y \(22SPRFD029\)](#) -Oval Red pinto/Yellow. Parentage (ATND99331-2PintoY x ND028742b-12PEY). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: bicolor skin, yellow and red, many small tubers, small, nice bicolor pattern, smooth skin nice, very nice, river rock, medley (all red, partially pinto, pinto)

Weakness: looks immature, a few tubers are completely red SCAB, pitted scab, large lesions, some tubers are all red, scab flat, FC=2.6, FC=3.3

Cutting Notes: chimera?, pinto, all red, partial pinto, scab, TC as stock

[NDTX14156A-3RWpinto/Y \(22SPRFD030\)](#) -Red pinto. Parentage (ATND99331-2PintoY x ND028742b-12PEY). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: Keep only A, bicolor, yellow and red, nice skin, smooth skin, uniform yellow flesh, smooth skin

Weakness: immature, many small tubers, segregation for bicolor pattern, some tubers have no pattern (all red skin), some tubers are all red, FC=2.8, FC=3

Cutting Notes: chimera?, pinto, all red, partial pinto

[TX17742-19R/R \(22SPRFD031\)](#) -Oval Red/Red. Parentage (ATTX98500-3Pu/Y x NDTX059761-1R/R). Cross was made and selected in Texas.

Uses: fresh

Strength: intense red skin++, nice skin, light red flesh, very nice, pink flesh, very high tuber number+, parent for yield and skin color, very nice

Weakness: netted skin+, scab, FC=2.8, FC=2.8

Cutting Notes: intense red skin, light red flesh

[TX17742-23P/P \(22SPRFD032\)](#) -Oblong Purple/Purple. Parentage (ATTX98500-3Pu/Y x NDTX059761-1R/R). Cross was made and selected in Texas.

Uses: fresh

Strength: several tubers had a purple, yellow bicolor pattern, white and purple flesh, nice flesh pattern

Weakness: pointed+, white flesh core with purple around, big holes in several tubers (probing), FC=3, FC=3.2

Cutting Notes: oval, scab

[TX17742-5YPpinto/YP \(22SPRFD033\)](#) -Yellow Purple pinto. Parentage (ATTX98500-3Pu/Y x NDTX059761-1R/R). Cross was made and selected in Texas.

Uses: fresh

Strength: Holstein potato, black and white/yellow, chip

Weakness: scab, FC=4

Cutting Notes: Holstein, nice, parent, produce mini tubers, unique pattern

[TX17755-2Psplash \(22SPRFD034\)](#) -Oblong Purple splash. Parentage (ATTX98500-3Pu/Y x NDTX05977s-1W). Cross was made and selected in Texas.

Uses: fresh

Strength: purple splash, many tubers, nice shape, nice skin, parent nice, smooth skin, shiny pretty, amethyst, unique pattern, amethyst splash, TC, produce minitubers, gem, amethyst, very nice,

smooth, shiny, TC, PVP, growth cracks, high yield, high tuber number  
Weakness: knobs, heat sprouts, DROP a little flat, FC=1, FC=1.  
Cutting Notes: Amethyst, a unique pattern, produce mini tubers

[TX17805-10RYpinto/Y \(22SPRFD035\)](#) -Round Purple pinto/Yellow. Parentage (NDTX059759-3RY/Y x TX12474-1P/P). Cross was made and selected in Texas.

Uses: fresh  
Strength: bicolor, yellow and red, intense red skin++, a pink band in the flesh, nice shape, nice bicolor color combination, a pink strong circular band all around, nice flesh pinto, very round, red flesh, unique pinto skin color, red flesh, TC, produce minitubers  
Weakness: SCAB, FC=2, FC=3.  
Cutting Notes: scab

[TX17805-12R/R \(22SPRFD036\)](#) -Round Red/Red. Parentage (NDTX059759-3RY/Y x TX12474-1P/P). Cross was made and selected in Texas.

Uses: fresh  
Strength: maroon skin red flesh Red Plum, very round, very intense red unique, very round, parent for skin color nice, TC, produce minitubers  
Weakness: few tubers DROP, growth cracks FC=3.9, FC=3.  
Cutting Notes: super dark red skin, nice red skin

[TX17805-1RWpinto/R \(22SPRFD037\)](#) -Round Red pinto/Red. Parentage (NDTX059759-3RY/Y x TX12474-1P/P). Cross was made and selected in Texas.

Uses: fresh  
Strength: bicolor, yellow and red, nice bicolor pattern, pink flesh, intense red/purple and yellow bicolor pattern very nice, TC, minitubers, dark red pinto, nice, shallow eyes, not flat  
Weakness: scab+++, FC=3, FC=3.2  
Cutting Notes: very nice produce minitubers

[TX17805-8R/R \(22SPRFD038\)](#) -Oval Red/Red. Parentage (NDTX059759-3RY/Y x TX12474-1P/P). Cross was made and selected in Texas.

Uses: fresh  
Strength: maroon skin++, nice shape++, nice color++, intense red skin++, parent,  
Weakness: few tubers, scab, FC=3, FC=3.2  
Cutting Notes: super intense red skin, nice red flesh, voyager, produce minitubers

[TX18192-2R/Y \(22SPRFD039\)](#) -Red/Yellow. Parentage (NDTX05977s-1W x Gala). Cross was made and selected in Texas.

Uses: fresh  
Strength: very nice, TC, make minitubers, darker eyes, pleasant skin color, nice skin flesh combination, nice yellow flesh, very round, BOT, very nice, very round, uniform size and shape, small  
Weakness:  
Cutting Notes: intense red skin, great skin and flesh combination, intense yellow flesh

[TX19495-16RYpinto \(22SPRFD040\)](#) -Red. Parentage (Alegria x Katahdin). Cross was made and selected in Texas.

Uses: fresh  
Strength:  
Weakness:  
Cutting Notes: flat, very large, cream flesh, with pink streaks

[TX19495-17R/Y-R \(22SPRFD041\)](#) -Red. Parentage (Alegria x Katahdin). Cross was made and selected in Texas.

Uses: fresh  
Strength:  
Weakness:  
Cutting Notes: very intense red skin

[TX19495-9RYpinto \(22SPRFD042\)](#) -Red. Parentage (Alegria x Katahdin). Cross was made and selected in Texas.

Uses: Fresh  
Strength:  
Weakness:  
Cutting Notes: yellow flesh with pink streaks

[TX19508-5RYpinto/Y \(22SPRFD043\)](#) -Red. Parentage (NDTX059759-3R/Y Pinto x AOTX91861-4R). Cross was made and selected in Texas.

Uses: Fresh  
Strength:  
Weakness:  
Cutting Notes: yellow flesh with pink streaks

[TX19511-5RYpinto/Y \(22SPRFD044\)](#) -Red. Parentage (NDTX059759-3R/Y Pinto x ATTX98444s-16R/Y). Cross was made and selected in Texas.

Uses: Fresh  
Strength:  
Weakness:  
Cutting Notes:

[ATX06264-4R/Y \(22SPRFD045\)](#) -Round Red/Yellow. Parentage (A99331-2RY x Durango Red). Cross was made in Idaho and selected in Texas.

Uses: fresh  
Strength: save for Neil, high tuber number, very nice size, shape and skin color, parent. cross with clones with high tuber number and high yield, very intense skin color  
Weakness: not small, light sprouts+, knobs, a little flat FC=3, FC=4  
Cutting Notes: yellow flesh

[BTX2332-1R \(22SPRFD046\)](#) -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: share and promote+, excellent size and shape, BOT+, nice, shallow eyes, parent for yield, size, and shallow eyes, great size, shape and skin color, lots of medium-large, plump  
Weakness: a few rotten FC=1.3  
Cutting Notes: parent

[COTX15083-1R \(22SPRFD047\)](#) -Round Red. Parentage (CO01218-2R x NDA050237B-1R). Cross was made in Colorado and selected in Texas.

Uses: fresh  
Strength: intense skin color++, very round tubers++, small-medium, nice, very nice, uniform size and shape, nice, small-medium, TC, produce minitubers  
Weakness: chained tubers, FC=1, FC=1.3  
Cutting Notes: very round, intense red skin, very nice

[NDTX15111-1R \(22SPRFD048\)](#) -Red. Parentage (CO05228-4R x ND8555-8R). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: round+, intense skin color+, good size and shape, very round, good size and shape, nice

Weakness: scab, FC=1, FC=1.3

Cutting Notes: very shriveled

[NDTX071258B-1R \(22SPRFD049\)](#) -Red. Parentage (NY138 x ND 4659-5R). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: small, round, uniform size, and shape, share with Kelly not very small, nice, very round, small, uniform size and shape, pretty dark red eyes

Weakness: few tubers, noticeable eyes sprouts, FC=1, FC=1

Cutting Notes: shriveled

[NDTX092237C-2P/WP \(22SPRFD050\)](#) -Oblong White. Parentage (ND 049326C-2P x ND 7834-2P). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: very shallow eyes, few eyes, nice high tuber number, good size and shape

Weakness: dislike skin, very enlarged lenticels, some purple flesh, white and purple flesh, mainly white flesh, some purple flesh scab, FC=1, FC=1

Cutting Notes: white flesh with purple splashes, flesh

[NDTX12248Y-1R \(22SPRFD051\)](#) -Red. Parentage (95043.11 x Dakota Ruby). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: bright skin color, nice skin, nice size and shape, nice size and shape, good size and shape, uniform size and shape, BOT, TC, produce minitubers,

Weakness: skinning, fewer tubers than in other reps, FC=1.7, FC=1

Cutting Notes: shriveled, scab

[NDTX14156-3P/WP \(22SPRFD052\)](#) -Oval Purple. Parentage (ATND99331-2PintoY x ND028742b-12PEY). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: high tuber number, smooth skin, nice, good skin, BOT+, TC, produce minitubers+, unique shape, white flesh with a purple pattern, river stone, blocky shiny,

Weakness: pointed, white flesh with some purple streaks+, FC=1, FC=1 flesh

Cutting Notes: smooth skin, very dark purple skin, flat, river rock

[NDTX17155-4R \(22SPRFD053\)](#) -Red. Parentage (ND7834-2P x ND113338C-3R). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

[NDTX1753Y-1R \(22SPRFD054\)](#) -Red. Parentage (Dakota Ruby x 95043.11). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: nice, very round, good shape, nice red color, very round, TC, produce minitubers

Weakness: FC= 1.5  
Cutting Notes: shriveled, intense red skin

[NDTX1824Y-1R \(22SPRFD055\)](#) -Red. Parentage (95043.11 x ND1360B-1RY). Cross was made in North Dakota and selected in Texas.

Uses: fresh  
Strength:  
Weakness:  
Cutting Notes: large, scab

[NDTX1824Y-4R \(22SPRFD056\)](#) -Red. Parentage (95043.11 x ND1360B-1RY). Cross was made in North Dakota and selected in Texas.

Uses: Fresh  
Strength:  
Weakness:  
Cutting Notes:

[TX19500-2R \(22SPRFD057\)](#) -Red. Parentage (AOTX91861-4R x ATX05186-1R). Cross was made and selected in Texas.

Uses: Fresh  
Strength:  
Weakness:  
Cutting Notes:

[TX19508-2R \(22SPRFD058\)](#) -Red. Parentage (NDTX059759-3R/Y Pinto x AOTX91861-4R). Cross was made and selected in Texas.

Uses: Fresh  
Strength:  
Weakness:  
Cutting Notes: white flesh with some pink

[ATTX05175s-1R/Y \(22SPRFD059\)](#) -Round Red/Yellow. Parentage (A99331-2RY X COA99261-1RY). Cross was made in Idaho, tuberling produced in Texas, and selected in Texas.

Uses: fresh  
Strength: save for Neil, many tubers, nice, all smalls uniform size and shape, high tuber number+ promote, intense red skin, intense yellow flesh, grew more, medium size, nice round shape, uniform size and shape, noticeable dark red  
Weakness: deep bud end eyes, FC=3.5, FC=4  
Cutting Notes: very nice skin, intense yellow flesh; Kelly likes  
Cutting Notes:

[ATX05202s-3W/Y \(22SPRFD060\)](#) -White/Yellow. Parentage (A00286-3Y x A99433-5Y). Cross was made in Idaho and selected in Texas.

Uses: fresh  
Strength: all small, round, uniform size and shape, high tuber number+, nice BOT+, good shape, good, parent, cross with shiny clones and clones with a high tuber number promote,  
Weakness: not very small, some rotten FC=2.5, FC=3  
Cutting Notes:

[COTX04050s-1P/P \(22SPRFD061\)](#) -Oblong Purple/Purple. Parentage (CO97215-2P/P x CO97306-2P/P). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: very intense purple flesh++, KEEP, parent, very small tubers refresh seed very dark skin, TC, minitubers+, parent for flesh color, cross with clones with shiny skin, round, shallow eyes, very dark skin, very dark flesh, chip

Weakness: knobs, grayish skin, some rotten, FC=4.8, FC=4.7

Cutting Notes: round, very intense purple flesh, some rotten tubers

[COTX04193s-2R/Y \(22SPRFD062\)](#) -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: intense yellow flesh+, parent, nice skin-flesh combination, nice shape and color, shallow eyes, not very small, nice skin color

Weakness: very few tubers FC=3.5, FC=4

Cutting Notes:

[NDTX1244-3W/Y \(22SPRFD063\)](#) -Round White. Parentage (AND07358-1Y x ND7212-1). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: Save for Neil, medium-large, high tuber number++, BOT+, likely early, nice, impressive! High tuber number, uniform size, many <4 oz but chippable (most ~ 3 oz)

Weakness:

Cutting Notes:

[NDTX1759s-1R/Y \(22SPRFD064\)](#) -Red. Parentage (Dakota Ruby x ND1243-2PY). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: very high tuber number, all smalls, cross with a smooth, shiny clone, uniform size and shape, all smalls, high tuber number, all small, parent, very round, uniform size and shape

Weakness: buff skin, scab, FC=2.5, FC=3.2

Cutting Notes: all small, yellow flesh

[TX19094s-1R \(22SPRFD065\)](#) -Red. Parentage (ATX05175s-1R/Y x ATX05186-1R). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

[TX19489s-3Y/Y \(22SPRFD066\)](#) -White. Parentage (Purple Valley x Gala). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: all small

[ATX10333-1W/Y \(22SPRFD067\)](#) -Round White Parentage (AFA3976TPS-1 x NY139). Cross was made in Idaho, tuberling produced in Texas, and selected in Texas.

Uses: chip

Strength: nice shape, uniform size, and shape,

Weakness: green

Chip Notes: FC=3, FC=2.7

Cutting Notes:

[ATX15325-3W/Y \(22SPRFD068\)](#) -White. Parentage (Elkton (B2192-106) x NDA081453CAB-2C). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength: for a small market, very high tuber harvest, high tuber number, all smalls, uniform size and shape+

Weakness: non-uniform skin texture, deeper eyes than other reps

Chip Notes: FC=3, FC=3

Cutting Notes:

[NDTX081451CB-1Y/Y \(22SPRFD069\)](#) -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: nice shiny skin, smooth skin+, not a small+, high tuber number++, medium-large, BOT++, very nice, promote+, parent, cross with very shiny clones

Weakness: FC=3.2, FC=3.9

Cutting Notes:

[NDTX1246-5W/Y \(22SPRFD070\)](#) -Oval White. Parentage (AND07358-1Y x ND8304-2). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength: Save for Neil high tuber number, yellow skin

Weakness: bad shape, scab DROP

Chip Notes: FC=3, FC=2.3

Cutting Notes:

[NDTX187Y-1W \(22SPRFD071\)](#) -White. Parentage (90245.1 x Ivory Crisp). Cross was made in North Dakota and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

[TX17734-1Y/Y \(22SPRFD072\)](#) -Oblong Yellow. Parentage (NDTX05977s-1W x NDA081451CB-1CY). Cross was made and selected in Texas.

Uses: fresh

Strength: shiny skin, very smooth nice, long, beautiful shiny skin, send to CA, TC, parent

Weakness: not a fingerling, pear shape, knobs, light sprouts FC=3, FC=3.3

Cutting Notes: very smooth skin, nice, small, oblong

[TX17763-2Y/Y \(22SPRFD073\)](#) -Oblong Yellow. Parentage (ATTX00289-4W x NDTX05977s-1W). Cross was made and selected in Texas.

Uses: fresh

Strength: smooth++, shiny skin+, nice, very nice skin++, BOT+++ for this class, promote beautiful skin, long yellow, TC,

Weakness: FC=2.8, FC=3.2

Cutting Notes: oblong, smooth skin

[TX17797-11Y/Y \(22SPRFD074\)](#) -Round Yellow/Yellow. Parentage (NDA081451CB-1CY x TX09396-

1W). Cross was made and selected in Texas.

Uses: fresh

Strength: BOT+, smooth, shiny skin, high tuber number+, nice smooth skin, shiny but not much, parent, cross with shiny clones, very shallow eyes, very nice size, shape, skin, TC, produce minitubers

Weakness: not small FC=3, FC=3.2

Cutting Notes: all small, round

[TX19480-2Y/Y \(22SPRFD075\)](#) -White. Parentage (CO07370-1W/Y x Gala). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

[Reveille Russet \(22SPRFD079\)](#) -Oblong Russet. Parentage (A81473-2 x A8343-12) Cross was made in Idaho and selected in Texas. Medium maturity. Medium vine size. Lavender flower color.

Uses: fresh

Strength: BOT+++ , many tubers, good size and shape++, high tuber number++

Weakness:

Cutting Notes:

[Vanguard Russet \(22SPRFD080\)](#) -Long Russet. Parentage (TXA549-1Ru x AOTX98137-1Ru). Cross was made and selected in Texas.

Uses: fresh

Strength: many tubers, good shape, high tuber number++, impressive, great shape and size++, bulky, amazing

Weakness: needs more plant-to-plant spacing, more time would be required to increase the size

Cutting Notes: firm

[Clearwater Russet \(22SPRFD081\)](#) -Long Russet. Parentage (Bannock x A89152-4). Cross was made in Aberdeen, tuberling produced in Oregon, and selected in Aberdeen. Medium-early maturity. Medium-large vine size. Medium-purple flower color.

Uses: dual

Strength: nice shape, high tuber number, impressive yield, high tuber number, BOT, BOT, parent, good size and shape, bulging eyes, a little skinny

Weakness: small heat sprouts, knobs, many small tubers, not uniform skin russetting, pointed, many short tubers, many small tubers, it likely needs more time to mature

Cutting Notes:

[Ranger Russet \(22SPRFD082\)](#) -Long Russet. Parentage (Butte x A6595-3). Cross was made and selected in Idaho. Released in 1991 by USDA-ARS, and the Colorado, Idaho, Oregon, and Washington Agricultural Experiment Stations. Medium-late maturity. Large vine size. White flower color.

Uses: dual

Strength: high tuber number, good yield, nice size and shape, parent

Weakness: large, long, light skin, deep eyes, rough, knobs, rugged deep eyes,

Cutting Notes:

[Russet Burbank \(22SPRFD083\)](#) -Long Russet. Luther Burbank reported the origin of Russet Burbank in 1902 as a chimeric selection from the variety Burbank by Lou Sweet. Lou Sweet was a potato grower in the western slope area of Colorado. Late maturity. Large vine size. White flower color.



Uses: dual

Strength: high tuber number quite a good plot for Russet Burbank in Texas

Weakness: many knobs++, growth cracks++, long, pointed++, ugly, misshapen++

Cutting Notes:

[Russet Norkotah \(22SPRFD084\)](#) -Oblong-Long Russet. Parentage (ND95264Ru x ND9687-5Ru). Russet Norkotah Cross was made and selected in North Dakota. Early maturity. Medium vine size. Early-medium maturity. Medium vine size. Corolla is white, and anthers are yellow-orange.

Uses: fresh

Strength: heavy russet skin++, long, nice++, BOT+++, very high tuber number++, good size and shape++, intense russet skin++

Weakness: soft stem ends

Cutting Notes:

[Shepody \(22SPRFD085\)](#) -Long White. Parentage (Bake King x F58050). Selected in New Brunswick, Canada and released by Agriculture Canada, New Brunswick in 1980. Medium-late maturity. Medium vine size. Light violet flower color with white tips.

Uses: dual

Strength: smooth skin, impressive high yield, high tuber number, parent

Weakness: very large, many knobs++, heat sprouts++, growth cracks+, bad shape, rotten tubers

Cutting Notes:

[A09086-1LB \(22SPRFD086\)](#) -Oblong Russet. Parentage (A97066-42LB x AC96052-1RU). Cross was made and selected in Idaho. Early maturity. Small vine size. White flower color

Uses: dual

Strength:

Weakness:

Cutting Notes: many rotten freeze damage

[A10594-4sto \(22SPRFD087\)](#) -Oblong Russet. Parentage (A96953-13 x A98345-1). Cross was made in and selected Idaho. Medium maturity. Small-large vine size.

Uses: dual

Strength:

Weakness:

Cutting Notes:

[A12305-2adg \(22SPRFD088\)](#) -Oblong Russet. Parentage (A96953-13 x A02618-1). Cross was made and selected in Idaho. Medium maturity. Medium-large vine size. White flower color

Uses: dual

Strength:

Weakness:

Cutting Notes:

[AFA5661-8 \(22SPRFD089\)](#) -Blocky Russet. Parentage (Blazer Russet xAF4342-3). Cross was made and selected in Idaho. Medium maturity. Medium-large vine size. White flower color

Uses: dual

Strength:

Weakness:

Cutting Notes:

[AOR11217-3 \(22SPRFD090\)](#) -Oblong Russet. Parentage (A01010-3 x NDA070929B-3). Cross was made

in Idaho, tuberling produced and selected in Oregon. Early-medium maturity. Large vine size. Pink-purple flower color

Uses: dual  
Strength:  
Weakness:  
Cutting Notes:

[AOR08540-1 \(22SPRFD091\)](#) -Oblong Russet. Parentage (A02782-2 x PA01N22-5). Cross was made in Idaho, tuberling produced and selected in Oregon. Medium maturity. Medium-large vine size. White flower color

Uses: dual  
Strength: nice russet skin, good shape, good skin  
Weakness: pointed++, heals dark, long, large, light sprouts, hollow heart  
Cutting Notes:

[ACI2090-3RU \(22SPRFD092\)](#) -Oblong Russet. Parentage (A05214-3LB x A06021-1T). Cross was made in Aberdeen and selected in Colorado. Medium maturity. Small vine size. White flower color.

Uses: dual  
Strength: long, good size, shape, and skin, parent++, BOT+++, nice shape and size+, red tint+, pink tint under the russet layer, nice, very long, high tuber number++, high yield, intense russet skin,  
Weakness: knobs, a little curb  
Cutting Notes:

[COI3003-1RU \(22SPRFD093\)](#) -Oblong Russet. Parentage (Fortress Russet x AC96052-1RU). Cross was made and selected in Colorado. Medium maturity. Medium vine size. White flower color

Uses: dual  
Strength: nice shape, parent++, good shape++, good skin, parent high tuber number,  
Weakness: heals dark, some feathering  
Cutting Notes: feathering

[CO10085-1RU \(22SPRFD094\)](#) -Oblong Russet. Parentage (CO03364-5RU x Silverton Russet). Cross was made and selected in Colorado. Medium-late maturity. Medium vine size.

Uses: fresh  
Strength: very high yield  
Weakness: few tubers, very small++, roundish, extreme sprouting, chained tubers++, heat sprouts++, pointed++, peeping, DROP, many issues, knobs, heat sprouts, linked tubers, pointed  
Cutting Notes:

[CO11009-3RU \(22SPRFD095\)](#) -Oblong Russet. Parentage (Fortress Russet x AC96052-1RU). Cross was made and selected in Colorado. Medium maturity. Large vine size.

Uses: process  
Strength: good shape, bulky, very nice shape++, parent+ amazing, high tuber number+, high yield, good russet skin, nice,  
Weakness: long, pointed, skinny  
Cutting Notes:

[COTX08063-2Ru \(22SPRFD096\)](#) -Oblong Russet. Parentage (A93157-6LS x A99073-1). Cross was made in Colorado and selected in Texas. Late maturity. Medium vine size. White flower color.

Uses: fresh  
Strength: light russet skin, small-medium, good shape+, nice shape+, very high gravity, parent,

high tuber number

Weakness: it likely needs more time to reach its full potential

Cutting Notes: test for PVY

[ATX98202-1Ru \(22SPRFD097\)](#) -Russet. Parentage (A9201-6 x A9014-2). Cross was made in Idaho, tuberling produced in Oregon, and selected in Texas.

Uses: fresh

Strength: impressive high tuber number, high yield, very nice size and shape, blocky+, TC, produce minitubers, very good shape+, parent, nice

Weakness:

Cutting Notes: BOT, good russet skin, nice shape

[ATX10007-1Ru \(22SPRFD098\)](#) -Long Russet. Parentage (A02060-3TE x A05013-5TE). Cross was made in Idaho, tuberling produced in Texas, and selected in Texas.

Uses: fresh

Strength: bulky, light skin, BOT+++ , very nice size+, shape, uniform size and shape+, light skin, bulky, TC, produce minitubers, TC re-enter to obtain clean materials+

Weakness: few tubers

Cutting Notes:

[ATX10521-1Ru \(22SPRFD099\)](#) -Russet. Parentage (A05214-3LB x Dakota Trailblazer). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

[ATX15097-1Ru \(22SPRFD100\)](#) -Oblong Russet. Parentage (Castle Russet x A98345-1). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength: very nice shape++, BOT++, beautiful shape, blocky, large, golden potato, good size

Weakness: knobs

Cutting Notes:

[ATX15120-1Ru \(22SPRFD101\)](#) -Oblong Russet. Parentage (Dakota Russet x A06084-1TE). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength: blocky, good russet skin+, nice, BOT, TC, produce minitubers, impressive

Weakness:

Cutting Notes:

[ATX16070-2Ru \(22SPRFD102\)](#) -Russet. Parentage (AO01114-4 x CW08071-3). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

[ATX16087-4Ru \(22SPRFD103\)](#) -Russet. Parentage (COTX09052-2Ru x A10063-2). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:  
Weakness:  
Cutting Notes:

[ATX16089-2Ru \(22SPRFD104\)](#) -Russet. Parentage (COTX09052-2Ru x OR05039-4). Cross was made in Idaho and selected in Texas.

Uses: fresh  
Strength:  
Weakness:  
Cutting Notes:

[ATX16089-3Ru \(22SPRFD105\)](#) -Russet. Parentage (COTX09052-2Ru x OR05039-4). Cross was made in Idaho and selected in Texas.

Uses: fresh  
Strength:  
Weakness:  
Cutting Notes:

[ATX16089-4Ru \(22SPRFD106\)](#) -Russet. Parentage (COTX09052-2Ru x OR05039-4). Cross was made in Idaho and selected in Texas.

Uses: fresh  
Strength:  
Weakness:  
Cutting Notes:

[ATX16102-1Ru \(22SPRFD107\)](#) -Russet. Parentage (Alpine Russet x Clearwater Russet). Cross was made in Idaho and selected in Texas.

Uses: fresh  
Strength:  
Weakness:  
Cutting Notes: very nice russet skin

[ATX16119-1Ru \(22SPRFD108\)](#) -Russet. Parentage (Dakota Trailblazer x AOR07821-1). Cross was made in Idaho and selected in Texas.

Uses: fresh  
Strength:  
Weakness:  
Cutting Notes:

[ATX17020-1Ru \(22SPRFD109\)](#) -Russet. Parentage (La Belle Russet x A061083-8CSR). Cross was made in Idaho and selected in Texas.

Uses: fresh  
Strength:  
Weakness:  
Cutting Notes:

[ATX18111-2Ru \(22SPRFD110\)](#) -Russet. Parentage (Mountain Gem Russet x A11167-2). Cross was made in Idaho and selected in Texas.

Uses: fresh  
Strength:  
Weakness:

Cutting Notes:

[ATX18679-2Ru \(22SPRFD111\)](#) -Russet. Parentage (Castle Russet x La Belle Russet). Cross was made in Idaho and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: hollow heart, test for PVY

[COTX08121-1Ru \(22SPRFD112\)](#) -Oblong Russet. Parentage (AC96052-1RU x Blazer Russet). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: very good russet, nice size and shape, excellent shape+, good russet skin

Weakness:

Cutting Notes: good russet skin

[COTX08322-10Ru \(22SPRFD113\)](#) -Oblong Russet. Parentage (Blazer Russet x AC96052-1RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: very nice, BOT+, great shape, impressive, high tuber number, large, blocky, send to CSS to produce seed, parent, promote

Weakness: many knobs, DROP

Cutting Notes: good russet skin

[COTX09022-3RuRE/Y \(22SPRFD114\)](#) -Oblong Red Eye Russet/Yellow. Parentage (A00286-3Y x CO99100-1RU) Cross was made in Colorado and selected in Texas. Medium early. Large vine size. White flower color.

Uses: fresh

Strength: round to oval, red eyes, nice, red eyes, red eyes, round to oblong

Weakness:

Cutting Notes:

[COTX10080-2Ru \(22SPRFD115\)](#) -Long Russet. Parentage (CO03364-5RU x CO98067-7RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: good shape, BOT+, nice shape, intense russet skin, advance, produce good seed, impressive, very high tuber number+, high yield+, heavy russet+, blocky, very nice, TC, produce minitubers, TC, produce minitubers, advance, check if Russet Norkotah is in the background, excellent size and shape, good skin

Weakness:

Cutting Notes:

[COTX13029-2Ru/Y \(22SPRFD116\)](#) -Round Russet/Yellow. Parentage (AC06358-2W/Y x CO07039-3RU/Y). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: very intense yellow flesh, geode

Weakness: round, not uniform russet skin, russet skin is not as intense, parent, few tubers huge, round, very heavy russet, huge, geode, round, rough, geode, some are huge

Cutting Notes: round, very intense yellow flesh, unique shape-yellow flesh combination

Cutting Notes: geode

[COTX15271-1Ru \(22SPRFD117\)](#) -Oblong Russet. Parentage (A03921-2 x Mercury Russet). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: nice, good shape, good skin, good shape

Weakness: small+, DROP+, knobs+, growth cracks

Cutting Notes: very nice, good russet skin

[COTX16005-1Ru \(22SPRFD118\)](#) -Oblong Russet. Parentage (A03921-2 x Classic Russet). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: good shape, nice, good shape+, blocky+, very good shape

Weakness: short

Cutting Notes: very nice, good russet skin

[COTX17123-2Ru \(22SPRFD119\)](#) -Russet. Parentage (POR06V12-3 x CO11110-3RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness: dislike shape

Cutting Notes: good russet skin

[COTX17304-1Ru \(22SPRFD120\)](#) -Russet. Parentage (PA99N82-4 x Canela Russet). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: blocky+, nice intense russet skin

Weakness: a little angular

Cutting Notes: good russet skin

[COTX18014-1Ru \(22SPRFD121\)](#) -Russet. Parentage (AF3362-1 x AC12080-4RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: heavy russet, soft

[COTX18014-2Ru \(22SPRFD122\)](#) -Russet. Parentage (AF3362-1 x AC12080-4RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

[COTX18174-1Ru \(22SPRFD123\)](#) -Russet. Parentage (COA05149-2 x CO12267-1RU). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

[COTX18174-2Ru \(22SPRFD124\)](#) -Russet. Parentage (COA05149-2 x CO12267-1RU). Cross was made in Colorado and selected in Texas.

Uses: fresh  
Strength:  
Weakness:  
Cutting Notes:

[COTX18206-1Ru \(22SPRFD125\)](#) -Russet. Parentage (Teton Russet x CO12267-1RU). Cross was made in Colorado and selected in Texas.

Uses: fresh  
Strength:  
Weakness:  
Cutting Notes:

[NDTX1791-1Ru \(22SPRFD126\)](#) -Oblong Russet. Parentage (Payette Russet x Dakota Trailblazer). Cross was made in North Dakota and selected in Texas.

Uses: fresh  
Strength: nice shape, medium size, nice, high tuber number  
Weakness: pointed++, uneven russet skin, skinny  
Cutting Notes:

[Russet Norkotah 278 \(22SPRFD127\)](#) -Oblong-Long Russet. Parentage (ND95264Ru x ND9687-5Ru). Russet Norkotah cross was made and selected in North Dakota. Russet Norkotah 278 is a mutant strain selection made in 2189 by Texas from the variety Russet Norkotah. Early maturity. Medium vine size. White flower color.

Uses: fresh  
Strength: good shape+, good size and shape, good russet skin, heavy russet  
Weakness:  
Cutting Notes: good russet skin

[Russet Norkotah 296 \(22SPRFD128\)](#) -Oblong-Long Russet. Parentage (ND9526-4Ru x ND9687-5Ru). Cross was made and selected in North Dakota. Russet Norkotah 296 is a mutant strain selection made in 1989 by Texas from the variety Russet Norkotah. Early maturity. Medium vine size. White flower color.

Uses: fresh  
Strength: intense russet skin, good size and shape good russet skin  
Weakness: few tubers very long, a little pointed, not as long as other reps  
Cutting Notes:

[Sierra Gold \(22SPRFD129\)](#) -Round-Oblong Russet /Yellow. Parentage (Krantz x Delta Gold). Cross was made and selected in Texas. Early maturity. Medium vine size.

Uses: fresh  
Strength: oval++, large, roundish, large, roundish very nice, BOT, high tuber number+  
Weakness: large peeping  
Cutting Notes:

[Stampede Russet \(22SPRFD130\)](#) -Oblong-Long Russet. Parentage (BR70101-1 x Lemhi Russet). Cross was made in Texas, selected in Idaho, and tested extensively in Alberta, Canada. Released in 1998 by Agriculture and Agri-Food Canada and the Texas Agricultural Experiment Station. Early maturity. Medium vine size. Lavender flower color.

Uses: fresh  
Strength: very nice size and shape+, parent, long  
Weakness:  
Cutting Notes:

[TX13590-9Ru \(22SPRFD131\)](#) -Oblong Russet. Parentage (ND9687-3Ru x ND9852-1Ru). Cross was made and selected in Texas.

Uses: fresh

Strength: light russet skin, good size+, bulky, BOT+ bulky, good shape+, parent, many tubers, very nice shape and size, high tuber number+, large, extraordinary yield, parent for yield

Weakness: hollow heart (minor)

Cutting Notes:

[TX19078-3Rure \(22SPRFD132\)](#) -Russet. Parentage (COTX09022-3RuRE/Y x Lemhi Russet). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: nice skin, red sprouts, red eyes

[TX19083-1Ru \(22SPRFD133\)](#) -Russet. Parentage (Reveille Russet x TX12484-2WZC). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: huge

[TX19093-1Rure \(22SPRFD134\)](#) -Russet. Parentage (PA99N82-4 x TX12484-2WZC). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes: big

[TX19114-4Rure \(22SPRFD135\)](#) -Russet. Parentage (A07781-3LB x TX12484-2WZC). Cross was made and selected in Texas.

Uses: fresh

Strength:

Weakness:

Cutting Notes:

[Atlantic \(22SPRFD136\)](#) -Round White. Parentage (Wauseon x Lenape). Cross was made in Beltsville, MD, and selected in Maine. Released in 1976 by USDA-ARS, Florida, Virginia, New Jersey, and Maine Agricultural Experiment Stations. Medium maturity. Medium vine size. Pale lavender flower color.

Uses: chip

Strength: good shape and size, very high tuber number+

Weakness: a little flat, buff skin, small-medium tubers are round, large tubers are oval to oblong

Chip Notes: FC=1, FC=1, CR=3.2, CR=2.2, 0% good Chip, 60% good Chip

Cutting Notes:

[Lamoka \(22SPRFD137\)](#) -Round White. Parentage (NY120 x NY115). Cross was made by Dr. Walter De Jong at Cornell University in 1998; officially released by the New York Agricultural Experiment Station in 2011; named after Lamoka Lake in western New York State. Medium-late maturity. Large vine size. Purple flower color.

Uses: chip



Strength: large tubers are oval to oblong  
Weakness: a little flat  
Chip Notes: FC=1, FC=1, CR=2.8, CR=2.8, 0% good Chip, 20% good Chip  
Cutting Notes:

[\*Snowden \(22SPRFD138\)\*](#) -Oblong White. Parentage (B5141-6 x Wischip). Cross was made and selected at the University of Wisconsin. Medium-late maturity. Large vine size. White flower color.

Uses: chip  
Strength: high tuber number  
Weakness: immature tubers, deep bud end, , scab, deep eyes,  
Chip Notes: CR=1.7, CR=1.3, 70% Good chip, 84% Good chip,  
Cutting Notes:

[\*AOR12197-4 \(22SPRFD139\)\*](#) -White. Parentage (??). Cross was made in Idaho and tuberling was produced and selected in Oregon.

Uses: chip  
Strength:  
Weakness:  
Cutting Notes: yellow flesh

[\*CO11037-5W \(22SPRFD140\)\*](#) -Oval White. Parentage (BC0894-2W x W2133-1). Cross was made and selected in Colorado. Medium maturity. Medium-large vine size.

Uses: chip  
Strength: high tuber number,  
Weakness: heat sprouts, knobs++, bad shape, heat sprouts, enlarged lenticels, oblong, dislike shape+  
Chip Notes: FC=1, FC=1.3, CR=3.2, CR=1.4, 45% good Chip, 61% good Chip  
Cutting Notes: a little flat

[\*CO12235-3W \(22SPRFD141\)\*](#) -Round White. Parentage (AC00206-2W x AC03433-1W). Cross was made and selected in Colorado. Medium maturity. Medium vine size. White flower color

Uses: chip  
Strength: good shape, shallow eyes  
Weakness: germinations, bruised+, scab  
Chip Notes: FC=1, FC=1, CR=2.5, CR=2.1, 65% good Chip, 60% good Chip  
Cutting Notes:

[\*CO12293-1W \(22SPRFD142\)\*](#) -Oval White. Parentage (CO02024-9W x ND7521-1). Cross was made and selected in Colorado. Medium-late maturity. Large Medium-late vine size. White flower color

Uses: chip  
Strength: medium-large, oval, good shape, smooth skin, uniform size and shape  
Weakness: large bruised  
Chip Notes: FC=1, FC=1, CR=1.5, CR=2.2, 35% good Chip, 37% good Chip  
Cutting Notes:

[\*CO13232-25W \(22SPRFD143\)\*](#) -Round White. Parentage (AC00206-2W x CO02024-9W). Cross was made and selected in Colorado. Medium maturity. Medium vine size. White flower color

Uses: chip  
Strength: BOT, high tuber number, good size and shape  
Weakness: scab+  
Chip Notes: FC=1, FC=1, CR=2.5, CR=1.4, 40% good Chip, 57% good Chip

Cutting Notes:

[COOR13270-2 \(22SPRFD144\)](#) -Round White. Parentage (CO02321-4W x CO02024-9W). Cross was made in Colorado and selected in Oregon. Medium maturity. Medium-large vine size. White flower color

Uses: chip

Strength: smooth, shiny skin

Weakness: herbicide damage? weird cracks, , large

Chip Notes: FC=1, FC=1, CR=3.2, CR=2.3, 15% good Chip, 14% good Chip

Cutting Notes: freeze damage

[NYOR1409-5 \(22SPRFD145\)](#) -Round Buff. Parentage (Eva x H25-4) Cross was made in New York and selected in Oregon. Medium-late maturity. Medium-large vine size. White flower color.

Uses: chip

Strength: very high tuber number, parent for yield, large, good shape, very high tuber number+, nice

Weakness: mixed flat and compressed tubers

Chip Notes: FC=1, FC=1, CR=2.8, CR=2.4, 16% good Chip, 37% good Chip

Cutting Notes: many rotten

[NYOR1409-9 \(22SPRFD146\)](#) -Round Buff. Parentage (Eva x H25-4) Cross was made in New York and selected in Oregon. Late maturity. Large vine size. White flower color.

Uses: chip

Strength:

Weakness:

Cutting Notes:

[ACI3126-1Wadg \(22SPRFD147\)](#) -Oval White. Parentage (MSR061-1 xCO95051-7W). Cross was made and selected in Colorado. Medium maturity. Large vine size. Blue-purple flower color

Uses: chip

Strength:

Weakness:

Cutting Notes: parent

[MSAFB635-15 \(22SPRFD148\)](#) -Round White. Parentage (NYH15-5 x MSS297-3). Developed by Michigan State University.

Uses: chip

Strength:

Weakness:

Cutting Notes: internal issues freeze damage

[MSW474-1 \(22SPRFD149\)](#) -Round White. Parentage (MSN210-2 x MSP516-A). Developed by Michigan State University.

Uses: chip

Strength:

Weakness: compressed, buff skin, deep bud end russet,

Chip Notes: FC=1, FC=1.3, CR=2, CR=2.3, 28% good Chip, 46% good Chip

Cutting Notes:

[MSZ242-13 \(22SPRFD150\)](#) -Round White. Parentage (MSR169-8Y x MSU383-A). Developed by Michigan State University.

Uses: chip

Strength: high tuber number

Weakness: large, enlarged lenticels large group and small group

Chip Notes: FC=2, FC=1, CR=2.8, CR=2.4, 5% good Chip, 57% good Chip

Cutting Notes:

[NY163 \(22SPRFD151\)](#) -White. Parentage (NYE50-8 x NYE48-2). The clone was developed by Cornell University.

Uses: chip

Strength: small+, parent+, uniform size and shape+, high tuber number, small profile, smooth profile, nice++, round, smooth skin

Weakness: different size and shape

Chip Notes: FC=1, FC=1, CR=1.2, CR=1.8, 65% good Chip, 47% good Chip

Cutting Notes:

[Atlantic PUSA \(22SPRFD152\)](#) -Round White. Parentage (Wauseon x Lenape). Cross was made in Beltsville, MD, and selected in Maine. Released in 1976 by USDA-ARS, Florida, Virginia, New Jersey, and Maine Agricultural Experiment Stations. Medium maturity. Medium vine size. Pale lavender flower color.

Uses: chip

Strength: high tuber number++, uniform size, and shape++ impressive yield, buff skin,

Weakness: deep bud end in large tubers,

Chip Notes: FC=1, FC=1, CR=2.8, CR=2.1, 0% good Chip, 57% good Chip

Cutting Notes:

[Lamoka PUSA \(22SPRFD153\)](#) -Round White. Parentage (NY120 x NY115). Cross was made by Dr. Walter De Jong at Cornell University in 1998; officially released by the New York Agricultural Experiment Station in 2011; named after Lamoka Lake in western New York State. Medium-late maturity. Large vine size. Purple flower color.

Uses: chip

Strength: large tubers are oval to oblong

Weakness: a little flat

Chip Notes: FC=1, FC=1, CR=2.8, CR=2.8, 0% good Chip, 20% good Chip

Cutting Notes:

[Snowden PUSA \(22SPRFD154\)](#) -Oblong White. Parentage (B5141-6 x Wischip). Cross was made and selected at the University of Wisconsin. Medium-late maturity. Large vine size. White flower color.

Uses: chip

Strength: high tuber number, uniform size and shape, parent

Weakness: deep bud end+, deep eyes+,

Chip Notes: FC=1, FC=1, CR=2.8, CR=1.6, 5% good Chip, 70% good Chip

Cutting Notes:

[ATX13134-3W/Y \(22SPRFD155\)](#) -Round White/Yellow. Parentage (NDA081451CB-1CY x CO02321-4W). Cross

was made in Idaho and selected in Texas. Medium-late maturity.

Uses: chip

Strength: good size and shape, BOT, parent, advance, high tuber number, smooth skin, very nice skin, good shape, high tuber number

Weakness: some look greenish

Chip Notes: FC=3, FC=2.3, CR=2.2, CR=1.7, 16% good Chip, 55% good Chip

Cutting Notes:

[COTX12235-2W \(22SPRFD156\)](#) -Round White. Parentage (AC00206-2W x AC03433-1W). Cross was made in Colorado and selected in Texas.

Uses: chip

Strength:

Weakness: growth cracks, scab, scab

Chip Notes: FC=1, CR=2.2, 52% good Chip

Cutting Notes:

[COTX16054-1W \(22SPRFD157\)](#) -Round Buff. Parentage (CO05068-1RU x A02062-1TE). Cross was made in Colorado and selected in Texas.

Uses: chip

Strength:

Weakness:

Chip Notes: FC=1, CR=1.3, 73% good Chip

Cutting Notes: shriveled

[COTX17286-6W \(22SPRFD158\)](#) -White. Parentage (NDTX092108AB-2W x CO02321-4W). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength:

Weakness: few tubers, small round, large oval

Cutting Notes:

Chip Notes: FC=1, CR=1.4, 63% good Chip

Cutting Notes:

[COTX17288-1W \(22SPRFD159\)](#) -White. Parentage (NDTX092108AB-2W x CO11023-9W). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: good shape (this rep), even split of large and small

Weakness: dislike the shape

Chip Notes: FC=1, CR=1.3, 30% good Chip

Cutting Notes:

[COTX17288-3W \(22SPRFD160\)](#) -White. Parentage (NDTX092108AB-2W x CO11023-9W). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: BOT, medium-large, very round, smooth skin, good shape+, smooth skin

Weakness: some knobs, purple tint, purple tint

Chip Notes: FC=1, FC=1, CR=2.8, CR=1.8, 26% good Chip, 57% good Chip

Cutting Notes: nice

[COTX17288-4W\(22SPRFD161\)](#) -White. Parentage (NDTX092108AB-2W x CO11023-9W). Cross was made in Colorado and selected in Texas.

Uses: fresh

Strength: medium, very nice, smooth skin, round, large, BOT for size and shape, smooth skin, nice size and shape

Weakness: purple tint,

Chip Notes: FC=1, FC=1.7, CR=3, CR=2.4, 0% good Chip, 50% good Chip

Cutting Notes:

[NDTX091886-3P/P \(22SPRFD162\)](#) -Purple/ Purple. Parentage (COND 04082-8RR x ND 7521-1). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: dark purple skin, oval+, purple flesh, high gravity, nice, produce minitubers

Weakness: enlarged lenticels

Chip Notes: FC=3, FC=2.3, CR=3.5, CR=1.4, 6% good Chip, 73% good Chip

Cutting Notes: very dark purple flesh

[NDTX14247CAB-1W \(22SPRFD163\)](#) -Round White. Parentage (ND028799C-3 x ND102809AB-2). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: BOT, good size and shape, uniform size and shape, parent,

Weakness: a little pointed

Chip Notes: FC=1, FC=1, CR=1.7, CR=3, 60% good Chip, 0% good Chip

Cutting Notes:

[NDTX14247CAB-2W \(22SPRFD164\)](#) -Round White. Parentage (ND028799C-3 x ND102809AB-2). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: nice skin, smooth, very nice skin, good size and shape

Weakness: some pointed+

Chip Notes: FC=1, FC=1, CR=1.7, CR=2.2, 59% good Chip, 26% good Chip

Cutting Notes:

[NDTX14263BC-3W \(22SPRFD165\)](#) -Round White. Parentage (ND028984B-1 x ND113306C-2). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: uniform size and shape, many smalls ~3 oz, very nice, uniform size and shape, many tubers, many small ~3 oz, high tuber number, smalls

Weakness: a few deep bud ends

Chip Notes: FC=1.3, FC=1, CR=1.7, CR=2.2, 47% good Chip, 26% good Chip

Cutting Notes:

[NDTX14362AB-1W \(22SPRFD166\)](#) -Round White. Parentage (ND102809AB-2 x ND028984B-1). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: BOT+, nice, high tuber number, smooth skin, uniform size and shape, two main grading groups (medium-large and smalls)

Weakness:

Chip Notes: FC=1, FC=1, CR=2.2, CR=2, 26% good Chip, 53% good Chip

Cutting Notes:

[NDTX1482YB-1W \(22SPRFD167\)](#) -Round White. Parentage (Eva x Missaukee). Cross was made in North Dakota and selected in Texas.

Uses: chip

Strength: small tubers round, medium to large tuber are oval to oblong, many very small, very high tuber number, uniform size, and shape

Weakness: scab+, pinkish skin, pink tint, oval

Chip Notes: FC=1, FC=1, CR=1.8, CR=2.8, 65% good Chip, 0% good Chip

Cutting Notes: shriveled

[NDTX1819-2W/Y\(22SPRFD168\)](#) -White. Parentage (93057.1 x ND14437CAB-1). Cross was made in North Dakota and selected in Texas.

Uses: chip  
Strength:  
Weakness:  
Cutting Notes:

[TX12484-2WZC \(22SPRFD169\)](#) -Round White. Parentage (TX08402 x NDTX059828-2W). Cross was made and selected in Texas.

Uses: chip  
Strength: oval to oblong, keep only as a parent  
Weakness: pink tint, enlarged lenticels  
Chip Notes: FC=1, FC=1, CR=1.8, CR=2.6, 53% good Chip, 45% good Chip  
Cutting Notes:

[TX12484-3WZC \(22SPRFD170\)](#) -Oblong White. Parentage (TX08402 x NDTX059828-2W). Cross was made and selected in Texas.

Uses: chip  
Strength: maintain in the program as ZC tolerant reference, produce clean tubers to refresh seed, small tubers are round, large are oval, very nice, smooth skin, large tubers are oval to oblong  
Weakness: enlarged lenticels  
Chip Notes: FC=1, FC=1, CR=2.6, CR=1.8, 45% good Chip, 43% good Chip  
Cutting Notes: shriveled

[TX17846-1W \(22SPRFD171\)](#) -Compressed White. Parentage (CO07070-10W x NDTX092108AB-2W). Cross was made and selected in Texas.

Uses: chip  
Strength: BOT, very nice, uniform size and shape, TC, parent, very high tuber number+, good shape and size,  
Weakness: SCAB, some tubers are not russet, very enlarged lenticels, soft tubers  
Chip Notes: FC=1, FC=1, CR=1.5, CR=3, 60% good Chip, 45% good Chip  
Cutting Notes: very nice, round

[TX18042-1Ru \(22SPRFD172\)](#) -Round Russet. Parentage (NDTX1287B-1W x NDTX1287B-1W). Cross was made and selected in Texas.

Uses: chip  
Strength: good size and shape uniform size and shape  
Weakness: small, some tubers are not russet, very enlarged lenticels+, soft tubers, enlarged lenticels, pink tint  
Cutting Notes: very round, a little shriveled

[TX18170-4W \(22SPRFD173\)](#) -Compressed White. Parentage (Monserrate x TX12484-2W). Cross was made and selected in Texas.

Uses: chip  
Strength: good shape, good size and shape, advance  
Weakness:  
Chip Notes: FC=1, FC=1.7, CR=3, CR=1.5, 45% good Chip, 75% good Chip  
Cutting Notes:

[TX19009s-2W/Y \(22SPRFD174\)](#) -White. Parentage (NDTX081648CB-13W x NDTX05977s-1W). Cross was made and selected in Texas.

Uses: chip  
Strength:  
Weakness:  
Cutting Notes:

[TX19118-2W \(22SPRFD175\)](#) -White. Parentage (MSV358-3 x TX12484-2WZC). Cross was made and selected in Texas.

Uses: chip  
Strength:  
Weakness:  
Cutting Notes:

[TX19407-5Ru \(22SPRFD176\)](#) -Russet. Parentage (Atlantic x TX12484-2WZC). Cross was made and selected in Texas.

Uses: chip  
Strength:  
Weakness:  
Cutting Notes:

[TX19411-4W \(22SPRFD177\)](#) -Round White. Parentage (NDTX113467CB-1W x TX12484-2WZC). Cross was made and selected in Texas.

Uses: chip  
Strength:  
Weakness:  
Cutting Notes: very round, nice

[TX19460-1W \(22SPRFD178\)](#) -White. Parentage (Monserrate x NDTX113467CB-1W). Cross was made and selected in Texas.

Uses: chip  
Strength:  
Weakness:  
Cutting Notes: nice

[TX19462-1W \(22SPRFD179\)](#) -White. Parentage (Monserrate x TX09396-1W). Cross was made and selected in Texas.

Uses: chip  
Strength:  
Weakness:  
Cutting Notes:

[TX19476-3W/Y \(22SPRFD180\)](#) -White. Parentage (CO07370-1W/Y x TX12484-2WZC). Cross was made and selected in Texas.

Uses: chip  
Strength:  
Weakness:  
Cutting Notes:

### **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, tubelings 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, tubelings produced in College Station, Texas greenhouse, and original field selection in Texas

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

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

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

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

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

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

CO = cross made and selected in Colorado

COTX = cross made in Colorado and selected in Texas

DT = cross made in North Dakota and selected in Texas

FL = cross made and selected by Frito-Lay

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

MN = cross made and selected in Minnesota

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

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

ND = cross made and selected in North Dakota

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

NDC = cross made in North Dakota and selected in Colorado

NDO = cross made in North Dakota and selected in Oregon

NDTX = cross made in North Dakota and selected in Texas

NY = cross made and selected in New York

OR = cross made and selected in Oregon



PA = cross made and selected in Prosser, Washington  
POR = cross made in Prosser, Washington and selected in Oregon  
TX = cross made and selected in Texas  
TXA = cross made in Texas and selected in Idaho (Aberdeen)  
TXAV = cross made in Texas, selected in Idaho (Aberdeen) and reselected in Alberta, Canada  
TXND = cross made in Texas and selected in North Dakota  
TXNS "numbers" = Texas selections (strains) out of Russet Norkotah made by Texas program  
TXYG "numbers" = Texas selections (strains) out of Yukon Gold made by Texas program  
VC = cross made in Lethbridge, Alberta and selected in Colorado  
Variety strain "numbers" = selections (strains) out of various varieties made by Gene Shaver in Nebraska  
Variety strain "letters" = selections (strains) out of various varieties made by Warren Trank in Nebraska  
Other Abbreviations descriptions  
BC=brown center  
BOT=Best of Trial  
CR=Chip Color Rating 1(light) to 3 (dark)  
D/K=drop/keep  
FC=flesh color 1-5=dark  
GH=green head  
HH=hollow heart  
IBS=internal brown spot  
MB=mahogany browning  
Mech=mechanical damage  
SE=sugar ends  
Stem = Stem end discoloration  
TM=tuber moth

**Chieftain**



**Red LaSoda**



**Modoc**



A08122-9RY



A08122-12Rsto



NDA8512C-1R



CO14040-3R





**Yukon Gold**



A08120-4Y



AC10376-2012-1W/Y



AORTX09037-1W/Y



COTX10118-4Wpe/Y



POR16PG34-1



AORTX09037-5W/Y



CO14226-3W/Y





ATX11684f-2W/Y



**Banana**



COTX08365f-3P/P



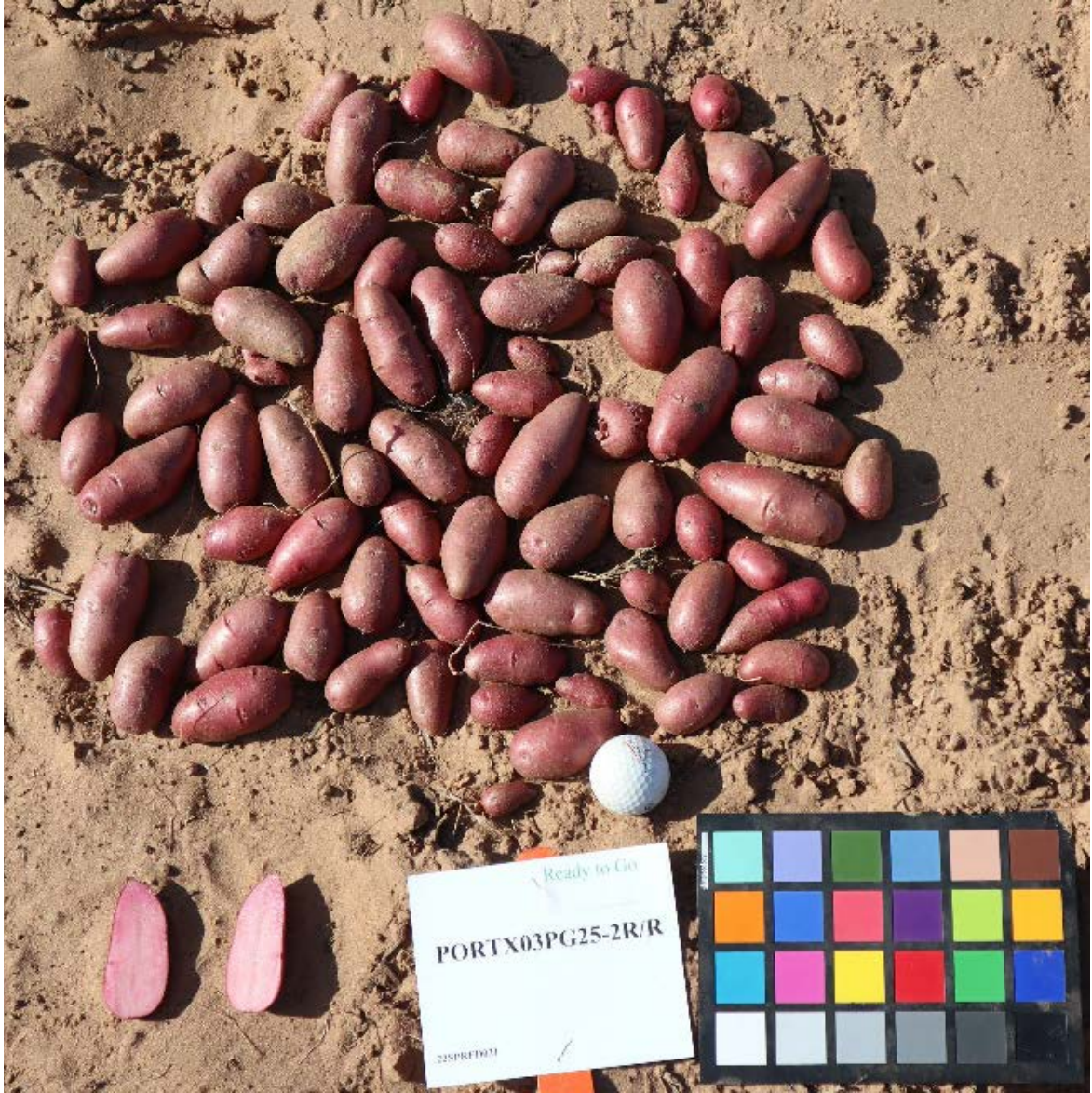
COTX17016f-2P/P



COTX17115f-3R/R



**PORTX03PG25-2R/R**



TX17788f-4R/R



TX19511f-6R/Y





ATTX88481-1P/W



ATX11549-1P/Y



ATX11586-2R/Y



**NDTX059759-3R/Y Pinto**



NDTX14156-2RWpinto/Y



NDTX14156A-3RWpinto/Y



TX17742-19R/R



TX17742-23P/P





**TX17742-5YPpinto/YP**



**TX17755-2Psplash**



**TX17805-10RYpinto/Y**



TX17805-12R/R



TX17805-1RWpinto/R



TX17805-8R/R



TX18192-2R/Y



TX19495-16RYpinto





TX19495-17R/Y-R



**TX19495-9RYpinto**



TX19508-5RYpinto/Y



TX19511-5RYpinto/Y



ATX06264-4R/Y



**BTX2332-1R**



COTX15083-1R



COTX15111-1R





**NDTX071258B-1R**



**NDTX092237C-2P/WP**



NDTX12248Y-1R



NDTX14156-3P/WP



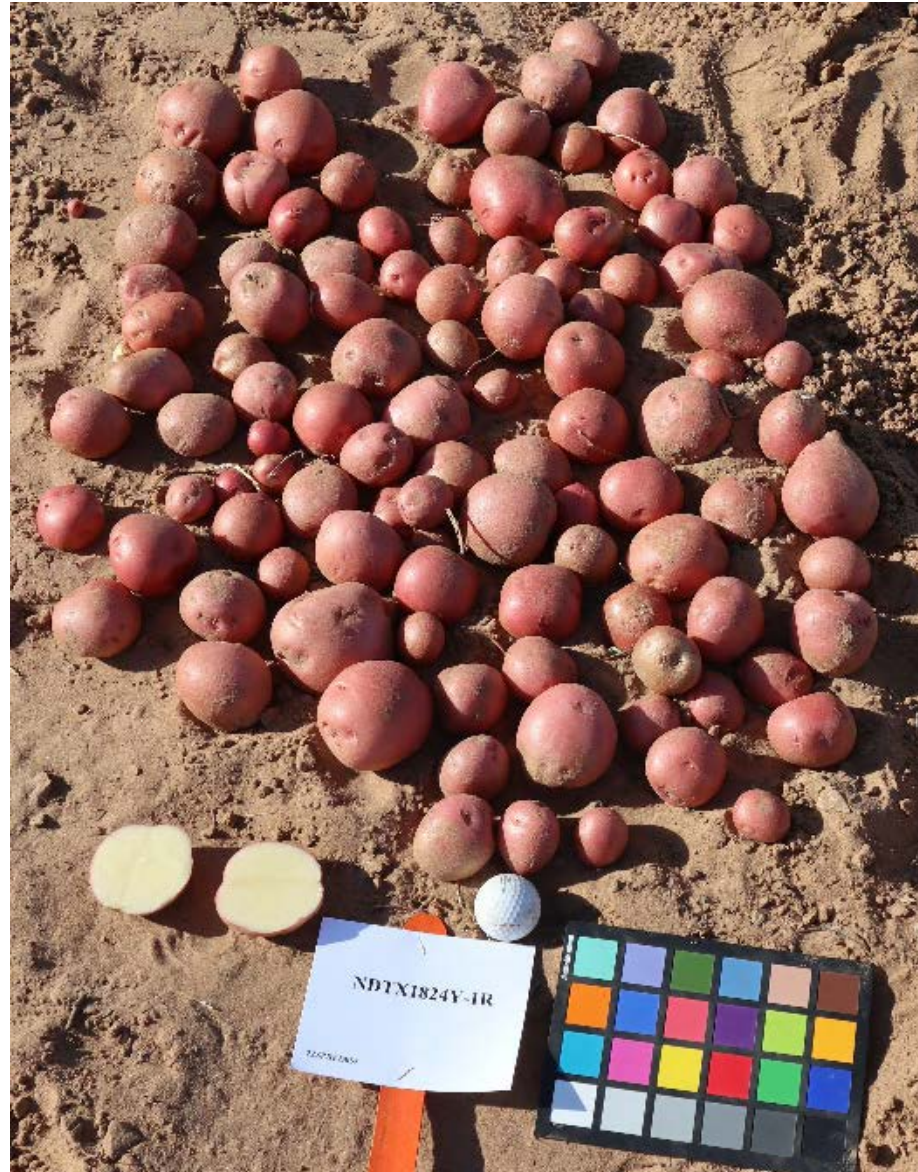
NDTX17155-4R



NDTX1753Y-1R



NDTX1824Y-1R



**NDTX1824Y-4R**





TX19500-2R



TX19508-2R



ATX05175s-1R/Y



ATX05202s-3W/Y



COTX04050s-1P/P



COTX04193s-2R/Y



NDTX1244-3W/Y



NDTX1759s-1R/Y





TX19094s-1R



TX19489s-3Y/Y



ATTX10333-1W/Y



ATX15325s-3W/Y



**NDTX081451CB-1Y/Y**



NDTX1246-5W/Y



NDTX187Y-1W



**TX17734-1Y/Y**





TX17763-2Y/Y



TX17797-11Y/Y



TX19480-2Y/Y



**Reveille Russet**



**Vanguard Russet**



**Clearwater Russet**



**Ranger Russet**



**Russet Burbank**





**Russet Norkotah**



**Shepody**



A09086-1LB



A10594-4sto



A12305-2adg



AFA5661-8



AOR11217-3



AOR08540-1





AC12090-3RU



CO13003-1RU



CO10085-1RU



CO11009-3RU



COTX08063-2Ru



AOTX98202-1Ru



**ATTX10007-1Ru**



**ATX10521-1Ru**





**ATX15097-1Ru**



**ATX15120-1Ru**



**ATX16070-2Ru**



ATX16087-4Ru



**ATX16089-2Ru**



**ATX16089-3Ru**



ATX16089-4Ru



ATX16102-1Ru





**ATX16119-1Ru**



ATX17020-1Ru



**ATX18111-2Ru**



ATX18679-2Ru



**COTX08121-1Ru**



COTX08322-10Ru



COTX09022-3RuRE/Y



COTX10080-2Ru





COTX13029-2Ru/Y



COTX15271-1Ru



**COTX16005-1Ru**



COTX17123-2Ru



**COTX17304-1Ru**



COTX18014-1Ru



**COTX18014-2Ru**



COTX18174-1Ru





COTX18174-2Ru



**COTX18206-1Ru**



NDTX1791-1Ru



**Russet Norkotah 278**



**Russet Norkotah 296**



**Sierra Gold**



**Stampede Russet**



TX13590-9Ru





**TX19078-3Rure**



TX19083-1Ru



**TX19093-1Rure**



**TX19114-4Rure**



Atlantic



Lamoka



**Snowden**



AOR12197-4





CO11037-5W



CO12235-3W



CO12293-1W



CO13232-25W



COOR13270-2



NYOR14Q9-5



NYOR14Q9-9



AC13126-1Wadg





MSAFB635-15



MSW474-1



MSZ242-13



NY163



Atlantic PUSA



**Lamoka PUSA**



**Snowden PUSA**



ATX13134-3W/Y





COTX12235-2W



COTX16054-1W



COTX17286-6W



COTX17288-1W



COTX17288-3W



COTX17288-4W



NDTX091886-3P/P



**NDTX14247CAB-1W**





NDTX14247CAB-2W



NDTX14263BC-3W



NDTX14362AB-1W



**NDTX1482YB-1W**



NDTX1819-2W/Y



TX12484-2WZC



TX12484-3WZC



TX17846-1W





TX18042-1Ru



TX18170-4W



TX19009s-2W/Y



TX19118-2W



TX19407-5Ru



TX19411-4W



TX19460-1W



TX19462-1W





TX19476-3W/Y



**Funds Received to Support  
The Texas Potato Variety Development Program  
July 1, 2021- June 30, 2022**

USDA/NIFA (Special Research Grants Program, Potato Research)	\$131,716
USDA/SCRI (Tools for polyploid crop plants)	\$62,876
Potatoes USA Grant for National Chip Breeders Trial – Texas	\$10,000
Potatoes USA Grant for Potato Breeding in Texas	\$11,000
Royalty returned to program	\$140,722
Industry Trial Support	\$10,000
Texas A&M Vectored Disease Grant	\$15,000
Texas AgriLife (Genome-wide Association Studies)	\$16,000
Sugar Creek Gardens Scholarship (Ao Jiao)	\$2,000
International Borlaug Scholarship (Amaka Ifeduba)	\$10,700
	<b>\$410,014</b>

**Expected July 1, 2022 – June 30, 2023:**

USDA/NIFA (Special Research Grants Program, Potato Research)	\$166,590
USDA/SCRI (Tools for polyploid crop plants)	\$62,876
Potatoes USA Grant for National Chip Breeders Trial – Texas	\$10,000
Potatoes USA Grant for Potato Breeding in Texas	\$11,000
Royalty Returned to Program (Estimated)	\$140,000
Industry Trial Support	\$10,000
Texas A&M Vectored Disease Grant	\$15,000
USDA-ARS Cooperative Agreement	\$25,000
International Borlaug Scholarship (Amaka Ifeduba)	\$21,400
	<b>\$461,866</b>

**In-kind support:**

Springlake Potato Sales (Bruce Barrett, Steve Barrett, Tim Gonzalez, and Cliff Black)	\$40,000
CSS Farms (Milt Carter, Steve Gangwish, Grant Monie, Holly Hatfield, John Scheuring, Adam Naslund, Kelly Kuball, and Luis Huaracha)	\$40,000
	<b>\$80,000</b>

**The Texas Potato Variety Development Program Team:**

Isabel Vales - Project Director  
 Jeff Koym and Douglas Scheuring - Senior Research Associates  
 Jeewan Pandey and Stephany Toinga – Post-Doctoral Research Associates  
 Mike Jenson – Technical Assistant Lubbock  
 Sanjeev Gautam, Ao Jiao, and Amaka Ifeduba – Graduate Students  
 Lauren Decker, Trent Newton, and Madison Ellis - Student Workers

April 18, 2022

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

<b>Licensee</b>	<b>Contact</b>	<b>Location</b>	<b>Phone</b>
Arcadia Ag	Bill Geyer	Dillon, Montana	(406) 925-2040
Ashton Combined Certified Seed	Sean Maupin	Ashton, Idaho	(208) 652-3774
Bjornstad Farms	Tom Bjornstad	Walhalla, North Dakota	(701) 370-0693
Cheyne Brothers	Scott Fenters	Malin, Oregon	(541) 732-2028
Clear Horizons Seed Labs	Chase Engel	Scottsbluff, Nebraska	(308) 760-3380
Clemenson-Sobolik Farms	Kris Sobolik	Hoople, North Dakota	(701) 894-6379
Cottom Seed, Inc.	Steve Cottom	Dillon, Montana	(406) 660-6266
Countrywide Potato	Joe Thompson	Alliance, Nebraska	(800) 922-7699
CSS Farms	John Wallace	Watertown, South Dakota	(605) 886-2577
Dan Kimm Cert. Seed Potatoes	Karl DeJonge	Manhattan, Montana	(406) 641-0009
Dennie Arnold Farms	Dennie Arnold	Felt, Idaho	(208) 456-2873
Foster Land and Cattle Co.	Brad Foster	Rigby, Idaho	(208)589-6170
Golden Ridge Farms	Paul Duncan	Jackson, Idaho	(208) 436-1214
H & H Farms	Bruce Heersink	Monte Vista, Colorado	(719) 852-2706
Jackson-Brush Plant Lab	Jolene Brush	Norris, Montana	(406) 685-3340
Jorde's Certified Seed Potatoes	Mitch Jorde	Cando, North Dakota	(701) 968-3244
Martinez Farms	Segundo Diaz	Alamosa, Colorado	(719) 852-2498
Moss Farms Operations LLC	Klade Williams	Rupert, Idaho	(208) 434-2038
Palmgren Farms	Kent Palmgren	Center, Colorado	(719) 754-3889
Price Farms Certified Seed Co.	Kent Price	Center, Colorado	(719) 754-2112
Pro-Seed Inc.	Derek Schreck	Center, Colorado	(719) 850-1764
Pure Potato, LLC	Marlys Bedlington	Lynden, Washington	(360) 354-6555
Real Potatoes Ltd	Gerard Basten	Cornwall, PEI, Canada	(902) 368-2669
Salazar Farms	Leroy Salazar	Manassa, Colorado	(719) 376-5412
San Acacio Seed, LLC	Leroy Salazar	Manassa, Colorado	(719) 588-0131
Schroeder Bros. Farms, Inc.	John Schroeder	Antigo, Wisconsin	(715) 623-2689
Silver Creek Seed, LLC	Mark Johnson	Picabo, Idaho	(208) 280-5213
Sklarczyk Seed Farm, LLC	Ben Sklarczyk	Johannesburg, Michigan	(989) 731-5452
Skyline Farms	Conn Crapo	St. Anthony, Idaho	(208) 624-8189
Summit Plant Laboratories	Jennifer Matsuura	Fort Collins, Colorado	(970) 224-2021
Telford Sun Valley Seed	Mike Telford	Paul, Idaho	(208) 532-4555
Valley Tissue Culture	Sandi Aarestad	Halstad, Minnesota	(218) 456-2161
Worley Family Farms	Carla Worley	Monte Vista, Colorado	(719) 852-4097
Yellowstone Seed, LLC	Mark Mickelson	Rigby, Idaho	(208) 745-6626
Zapata Seed	Brian Brownell	Hooper, Colorado	(719) 754-9048

As of January 4, 2022

**Current U.S. Licensees for ‘Reveille Russet’ Potato**

Licensee	Contact	Location	Phone
Bothell Seed, LLC	Eric Bothell	Center, Colorado	(719) 754-3686
Bula Potato Farms Inc	Adam Bula	Antigo, Wisconsin	(715) 275-3430
Bushman’s Riverside Ranch	Jon Bushman	Crivitz, Wisconsin	(715) 757-2160
Canadian Eastern Growers Inc.	André Coté	New Brunswick, Canada	(506) 473-5252
Clear Horizons Seed Lab	Chase Engel	Scottsbluff, Nebraska	(308) 760-3380
Countrywide Potato	Joe Thompson	Alliance, Nebraska	(800) 922-7699
CSS Farms	Milt Carter	Watertown, South Dakota	(605) 886-2577
Eagle River Seed Farm, LLC	Mike Copas	Bancroft, Wisconsin	(715) 335-8070
Hafner Seed Farms, Inc.	Kevin Hafner	Bryant,	(715) 216-1606
Hanson Seed Farm LLC	Scott Hanson	Cornell, Michigan	(906) 384-6908
John Miller Farms	John Miller	Minto, North Dakota	(701) 248-3050
Krueger Seed Farms, Inc	Rodney Krueger	Hawks, Michigan	(989) 734-2755
Martinez Farms, LLC	Segundo Diaz	Alamosa, Colorado	(719) 852-2498
Palmgren Farms	Kent Palmgren	Center, Colorado	(719) 754-3889
Pieper Farms, LLC	Jim Corneillie	Williams, Minnesota	(701) 335-9255
Price Farms Certified Seed LLC	Kent Price	Center, Colorado	(719) 850-4014
Pro-Seed Inc.	Derek Schreck	Center, Colorado	(719) 850-1764
Salazar Farms	LeRoy Salazar	Manassa, Colorado	(719) 588-0131
San Acacio Seed	LeRoy Salazar	Manassa, Colorado	(719) 588-0131
Sklarczyk Seed Farm, LLC	Ben Sklarczyk	Johannesburg, Michigan	(989) 731-5452
Spring Creek Farms	Tim Venhuizen	Manhattan,	(406) 284-4233
Summit Plant Laboratories	Jennifer Matsuura	Fort Collins, Colorado	(970) 224-2021
Valley Tissue Culture	Sandi Aarestad	Halstad, Minnesota	(218) 456-2161
Worley Family Farms LLC	Carla Worley	Monte Vista, Colorado	(719) 852-4097

As of October 27, 2021

**Current Licensees for Vanguard Russet' Potato**

<b>Licensee</b>	<b>Contact</b>	<b>Location</b>	<b>Phone</b>
Bula Potato Farms Inc.	Adam Bula	Antigo, Wisconsin	(715) 275-3430
CSS Farms	Milt Carter	Watertown, South Dakota	(605) 886-2577
Iott Seed Farms	Dennis Iott	Kalkaska, Michigan	(231) 590-4886
Martinez Farms	Segundo Diaz	Alamosa, Colorado	(719)852-2498
Spring Creek Farms	Tim Venhuizen	Manhattan, Montana	(406)284-4233
Worley Family Farms	Carla Worley	Monte Vista, Colorado	(719) 852-4097
Zapata Seed Company	Anna Brownell	Hooper, Colorado	(719) 754-9048

Springlake Table 1a. Total yield, total yield of U.S. No.1, over 18 oz, under 4 oz and culls/No.2 potatoes and general rating of 63 entries in the Western, Southwest Regional and Advanced Texas Red Specialty selection Trial grown near Springlake, Texas-2022.

Entry #	Clone name/ID	Trial	Total Yield cwt/a	U.S. No. 1 cwt/a			Over 18 oz cwt/a	Under 4 oz. cwt/a	Culls/ No.2 cwt/a	General Rating <sup>1</sup> Field	General Rating <sup>1</sup> Grading
				Total Yield	4-6 oz	6-10 oz					
22SPRFD001	Chieftain	WRRD22	250.1	93.9	71.3	22.6	0.0	152.0	4.1	4.0	4.2
22SPRFD002	Red LaSoda	WRRD22	322.9	150.3	95.5	49.8	5.0	171.7	0.9	4.1	4.1
22SPRFD003	Modoc	WRRD22	248.5	62.7	53.1	9.6	0.0	176.0	9.8	4.4	4.6
22SPRFD004	A08122-9RY	WRRD22	263.5	1.3	1.3	0.0	0.0	261.8	0.5	4.1	4.2
22SPRFD005	A08122-12Rsto	WRRD22	220.7	7.6	7.6	0.0	0.0	209.0	4.1	4.2	3.9
22SPRFD006	NDA8512C-1R	WRRD22	172.3	13.8	13.8	0.0	0.0	150.8	7.6	4.0	3.8
22SPRFD007	CO14040-3R	SWRD22	210.7	3.3	3.3	0.0	0.0	199.4	8.0	4.1	3.7
22SPRFD008	Yukon Gold	WRRD22	186.3	64.8	43.2	19.9	1.6	119.2	2.4	3.8	4.0
22SPRFD009	A08120-4Y	WRRD22	210.7	0.0	0.0	0.0	0.0	207.1	3.6	3.7	3.7
22SPRFD010	AC10376-2012-1W/Y	WRRD22	264.5	4.0	4.0	0.0	0.0	251.3	9.1	3.8	3.7
22SPRFD011	AORTX09037-1W/Y	WRRD22	315.4	33.2	32.2	1.0	0.0	277.6	4.6	4.1	3.8
22SPRFD012	COTX10118-4Wpe/Y	WRRD22	216.4	27.0	21.9	5.1	0.0	187.6	1.8	4.2	4.3
22SPRFD013	POR16PG34-1	WRRD22	148.7	1.7	1.7	0.0	0.0	139.1	7.8	3.8	3.7
22SPRFD014	AORTX09037-5W/Y	SWRD22	202.1	2.9	2.9	0.0	0.0	194.8	4.5	3.9	3.7
22SPRFD015	CO14226-3W/Y	SWRD22	228.1	2.0	2.0	0.0	0.0	220.2	5.9	3.9	3.7
22SPRFD016	ATX11684f-2W/Y	TXFing	133.0	113.3	113.3	0.0	0.0	9.1	10.6	3.7	3.7
22SPRFD017	Banana	TXFing	56.7	30.1	30.1	0.0	0.0	2.8	23.9	3.2	2.5
22SPRFD018	COTX08365f-3P/P	TXFing	164.0	144.3	144.3	0.0	0.0	8.1	11.6	4.0	4.1
22SPRFD019	COTX17016f-2P/P	TXFing	83.3	67.8	67.8	0.0	0.0	8.3	7.3	3.6	3.8
22SPRFD020	COTX17115f-3R/R	TXFing	105.8	89.9	89.9	0.0	0.0	12.4	3.5	3.8	3.7
22SPRFD021	PORTX03PG25-2R/R	TXFing	113.9	96.3	96.3	0.0	0.0	13.5	4.0	3.8	4.1
22SPRFD022	TX17788f-4R/R	TXFing	224.3	189.7	189.7	0.0	0.0	19.9	14.6	3.9	4.1
22SPRFD025	ATTX88481-1P/W	TXR/Y	144.5	77.7	59.2	18.4	0.0	63.2	3.7	4.1	4.2
22SPRFD026	ATX11549-1P/Y	TXR/Y	176.8	49.0	34.7	12.4	1.8	112.5	15.3	3.8	3.7
22SPRFD027	ATX11586-2R/Y	TXR/Y	312.2	30.8	30.8	0.0	0.0	275.2	6.2	4.2	4.5
22SPRFD029	NDTX14156-2RWpinto/Y	TXR/Y	216.3	12.8	12.8	0.0	0.0	199.8	3.7	4.1	4.4
22SPRFD030	NDTX14156A-3RWpinto/Y	TXR/Y	204.3	29.0	29.0	0.0	0.0	173.9	1.4	4.0	4.2
22SPRFD031	TX17742-19R/R	TXR/Y	200.6	15.1	15.1	0.0	0.0	185.5	0.0	3.7	3.6
22SPRFD032	TX17742-23P/P	TXR/Y	140.5	23.6	23.6	0.0	0.0	115.5	1.4	3.7	3.6
22SPRFD033	TX17742-5YPpinto/YP	TXR/Y	149.5	31.8	31.0	0.8	0.0	117.2	0.5	3.9	4.3
22SPRFD034	TX17755-2Psplash	TXR/Y	233.1	53.8	47.9	5.9	0.0	170.9	8.4	4.3	4.6
22SPRFD035	TX17805-10RYpinto/Y	TXR/Y	174.7	21.3	21.3	0.0	0.0	151.1	2.3	3.8	4.1
22SPRFD036	TX17805-12R/R	TXR/Y	138.1	22.7	22.7	0.0	0.0	88.7	26.6	3.7	3.9
22SPRFD037	TX17805-1RWpinto/R	TXR/Y	200.1	23.9	22.9	0.9	0.0	176.2	0.0	4.4	4.6
22SPRFD038	TX17805-8R/R	TXR/Y	239.1	19.2	19.2	0.0	0.0	218.6	1.3	4.2	4.4
22SPRFD039	TX18192-2R/Y	TXR/Y	171.5	3.8	3.8	0.0	0.0	163.1	4.6	4.0	4.6
22SPRFD040	TX19495-16RYpinto	TXR/Y	226.8	114.1	68.2	40.9	5.0	107.3	5.4	4.4	4.6
Average			196.5	46.7	41.3	5.1	0.4	143.5	6.2	4.0	4.0

<sup>1</sup> 1=very poor to 5= excellent

Springlake Total yield, total yield of U.S. No.1, over 18 oz, under 4 oz and culls/No.2 potatoes and general rating of 63 entries in the Western, Southwest Regional and Advanced Texas Red Specialty selection Trial grown near Springlake, Texas-2022.

Entry #	Clone name/ID	Trial	Total Yield cwt/a	U.S. No. 1 cwt/a			Over 18 oz cwt/a	Under 4 oz. cwt/a	Culls/ No.2 cwt/a	General Rating <sup>1</sup> Field	General Rating <sup>1</sup> Grading	
				Total Yield	4-6 oz	6-10 oz						10-18 oz
22SPRFD041	TX19495-17R/Y-R	TXR/Y	225.1	83.0	83.0	0.0	0.0	0.0	142.1	0.0	4.0	3.5
22SPRFD042	TX19495-9RYpinto	TXR/Y	265.2	75.0	62.9	12.1	0.0	0.0	190.1	0.0	4.4	4.8
22SPRFD043	TX19508-5RYpinto/Y	TXR/Y	290.1	180.5	117.5	53.2	9.7	0.0	81.2	28.3	4.5	4.4
22SPRFD044	TX19511-5RYpinto/Y	TXR/Y	156.3	0.0	0.0	0.0	0.0	0.0	156.3	0.0	4.0	4.6
22SPRFD045	ATX06264-4R/Y	TXRD	261.5	34.7	33.0	1.7	0.0	0.0	163.6	63.2	3.4	3.4
22SPRFD046	BTX2332-1R	TXRD	230.6	87.1	60.8	20.2	6.1	0.0	142.8	0.7	4.2	4.3
22SPRFD047	COTX15083-1R	TXRD	213.7	7.6	7.6	0.0	0.0	0.0	185.5	20.6	3.9	1.9
22SPRFD048	COTX15111-1R	TXRD	112.8	9.0	9.0	0.0	0.0	0.0	100.7	3.1	3.5	3.3
22SPRFD049	NDTX071258B-1R	TXRD	96.1	1.3	1.3	0.0	0.0	0.0	90.1	4.7	3.5	3.4
22SPRFD050	NDTX092237C-2P/WP	TXRD	145.5	39.6	34.3	5.3	0.0	0.0	100.8	5.1	3.8	3.8
22SPRFD051	NDTX12248Y-1R	TXRD	163.3	47.6	34.6	13.0	0.0	0.0	115.4	0.3	3.8	3.8
22SPRFD052	NDTX14156-3P/WP	TXRD	224.5	62.3	50.6	11.8	0.0	0.0	155.3	6.8	4.3	4.4
22SPRFD054	NDTX1753Y-1R	TXRD	160.6	0.6	0.6	0.0	0.0	0.0	160.1	0.0	3.9	3.9
22SPRFD055	NDTX1824Y-1R	TXRD	279.5	81.8	65.3	16.4	0.0	0.0	197.7	0.0	4.0	4.1
22SPRFD056	NDTX1824Y-4R	TXRD	240.4	94.0	55.2	37.2	1.6	0.0	125.3	21.1	3.8	4.1
22SPRFD061	COTX04050s-1P/P	TXSM	234.4	1.4	1.4	0.0	0.0	0.0	229.8	3.2	4.2	4.5
22SPRFD063	NDTX1244-3W/Y	TXSM	361.6	34.1	34.1	0.0	0.0	0.0	324.5	3.0	4.4	4.7
22SPRFD064	NDTX1759s-1R/Y	TXSM	175.3	0.0	0.0	0.0	0.0	0.0	174.6	0.7	4.0	4.4
22SPRFD066	TX19489s-3Y/Y	TXSM	277.3	0.0	0.0	0.0	0.0	0.0	276.1	1.2	4.4	4.7
22SPRFD067	ATX10333-1W/Y	TXW/Y	172.2	10.3	10.3	0.0	0.0	0.0	155.3	6.6	3.8	3.7
22SPRFD068	ATX15325s-3W/Y	TXW/Y	269.8	2.1	2.1	0.0	0.0	0.0	263.4	4.3	3.9	4.2
22SPRFD069	NDTX081451CB-1Y/Y	TXW/Y	287.7	17.2	17.2	0.0	0.0	0.0	267.1	3.5	3.9	4.1
22SPRFD070	NDTX1246-5W/Y	TXW/Y	275.3	33.4	32.4	1.0	0.0	0.0	239.6	2.3	4.0	3.9
22SPRFD072	TX17734-1Y/Y	TXW/Y	200.4	21.1	19.4	1.7	0.0	0.0	174.7	4.6	4.3	4.2
22SPRFD073	TX17763-2Y/Y	TXW/Y	121.6	24.0	24.0	0.0	0.0	0.0	96.0	1.6	3.7	4.1
22SPRFD074	TX17797-11Y/Y	TXW/Y	259.1	5.2	5.2	0.0	0.0	0.0	250.4	3.5	4.3	4.3
Average			219.2	36.6	29.3	6.7	0.7	0.0	175.3	7.2	4.0	4.0

<sup>1</sup> 1=very poor to 5= excellent

Springlake Table 2a. Total yield, total yield of U.S. No.1, over 18 oz, under 4 oz and culls/No.2 potatoes and general rating of 40 entries in the Western, Southwest Regional and Advanced Texas Chip selection Trial grown near Springlake, Texas-2022.

Entry #	Clone name/ID	Trial	Total Yield cwt/a	U.S. No. 1 cwt/a			Over 18 oz cwt/a	Under 4 oz. cwt/a	Culls/ No.2 cwt/a	General Rating <sup>1</sup> Field	General Rating <sup>1</sup> Grading	
				Total Yield	4-6 oz	6-10 oz						10-18 oz
22SPRFD136	Atlantic	WRCH22	406.6	183.6	121.0	50.6	11.9	0.0	221.3	1.7	3.8	4.2
22SPRFD137	Lamoka	WRCH22	353.0	203.6	136.4	60.2	7.1	0.0	136.7	12.6	3.8	4.3
22SPRFD138	Snowden	WRCH22	379.4	118.6	105.1	13.5	0.0	0.0	258.4	2.4	3.8	4.4
22SPRFD139	AOR12197-4	WRCH22	309.8	82.6	61.5	21.1	0.0	0.0	224.4	2.8	3.8	4.0
22SPRFD140	CO11037-5W	WRCH22	295.2	79.9	64.3	15.6	0.0	0.0	120.7	94.7	3.6	3.6
22SPRFD141	CO12235-3W	WRCH22	260.3	75.4	60.5	14.9	0.0	0.0	168.7	16.2	3.8	3.6
22SPRFD142	CO12293-1W	WRCH22	275.2	126.5	77.4	36.6	12.4	0.0	146.6	2.1	3.7	3.7
22SPRFD143	CO13232-25W	WRCH22	284.9	19.0	13.1	5.9	0.0	0.0	265.9	0.0	3.8	4.0
22SPRFD144	COOR13270-2	WRCH22	289.0	81.6	65.7	11.4	4.5	0.0	207.4	0.0	4.0	3.7
22SPRFD145	NYOR14Q9-5	WRCH22	304.6	188.8	113.7	69.8	5.2	0.0	111.3	4.5	3.8	3.7
22SPRFD146	NYOR14Q9-9	WRCH22	415.5	178.7	116.5	62.2	0.0	0.0	233.0	3.8	3.8	3.7
22SPRFD147	AC13126-1Wadg	SWCH22	331.9	168.4	99.2	64.0	5.2	0.0	152.5	11.1	3.7	3.7
22SPRFD148	MSAFB635-15	PUSA22	221.9	29.4	26.6	2.8	0.0	0.0	183.6	9.0	3.6	3.6
22SPRFD149	MSW474-1	PUSA22	383.4	104.4	89.5	14.9	0.0	0.0	275.2	3.8	3.6	3.7
22SPRFD150	MSZ242-13	PUSA22	367.8	190.5	75.7	94.7	20.1	0.0	154.5	22.8	3.7	3.7
22SPRFD151	NY163	PUSA22	270.7	49.8	46.7	3.1	0.0	0.0	220.9	0.0	4.0	3.8
22SPRFD152	Atlantic PUSA	PUSA22	350.9	136.6	107.5	29.0	0.0	0.0	209.8	4.5	3.8	4.2
22SPRFD153	Lamoka PUSA	PUSA22	358.9	194.6	131.7	46.0	16.9	0.0	159.7	4.5	3.7	4.0
22SPRFD154	Snowden PUSA	PUSA22	472.9	125.1	92.3	32.8	0.0	0.0	347.8	0.0	4.0	4.0
22SPRFD155	ATX13134-3W/Y	TXCH22	300.1	87.1	69.5	17.6	0.0	0.0	213.0	0.0	4.0	4.0
22SPRFD156	COTX12235-2W	TXCH22	202.6	5.9	5.9	0.0	0.0	0.0	196.7	0.0	3.7	3.7
22SPRFD157	COTX16054-1W	NCPT22 Tier 2	286.9	105.8	84.0	17.3	4.5	0.0	176.0	5.2	3.7	3.7
22SPRFD158	COTX17286-6W	NCPT22 Tier1	264.5	40.8	40.8	0.0	0.0	0.0	219.5	4.1	3.6	3.8
22SPRFD159	COTX17288-1W	NCPT22 Tier1	193.3	50.8	50.8	0.0	0.0	0.0	139.7	2.8	3.6	3.6
22SPRFD160	COTX17288-3W	NCPT22 Tier1	230.6	61.9	49.4	12.4	0.0	0.0	153.5	15.2	3.7	3.7
22SPRFD161	COTX17288-4W	NCPT22 Tier1	298.4	112.7	99.2	13.5	0.0	0.0	182.2	3.5	4.0	3.8
22SPRFD162	NDTX091886-3P/P	TXCH22	241.0	5.9	5.9	0.0	0.0	0.0	235.1	0.0	3.8	4.0
22SPRFD163	NDTX14247CAB-1W	NCPT22 Tier 2	251.3	62.9	57.7	5.2	0.0	0.0	175.6	12.8	4.0	4.0
22SPRFD164	NDTX14247CAB-2W	NCPT22 Tier 2	199.8	56.0	50.8	5.2	0.0	0.0	140.4	3.5	3.8	3.7
22SPRFD165	NDTX14263BC-3W	NCPT22 Tier 2	269.3	18.0	18.0	0.0	0.0	0.0	244.8	6.6	3.6	3.6
22SPRFD166	NDTX14362AB-1W	TXCH22	339.8	155.9	114.4	41.5	0.0	0.0	171.5	12.4	4.0	4.0
22SPRFD167	NDTX1482YB-1W	TXCH22	165.6	9.3	9.3	0.0	0.0	0.0	148.7	7.6	3.8	3.8
22SPRFD169	TX12484-2WZC	TXCH22	223.0	108.9	61.2	47.7	0.0	0.0	114.1	0.0	3.6	3.6
22SPRFD170	TX12484-3WZC	TXCH22	212.6	62.2	50.5	11.8	0.0	0.0	150.4	0.0	3.7	3.8
22SPRFD171	TX17846-1W	NCPT22 Tier 2	196.7	9.7	9.7	0.0	0.0	0.0	187.0	0.0	3.7	4.0
22SPRFD172	TX18042-1Ru	NCPT22 Tier1	247.5	0.0	0.0	0.0	0.0	0.0	247.5	0.0	3.7	4.0
22SPRFD174	TX19009s-2W/Y	22 EGSS	189.1	48.4	39.4	9.0	0.0	0.0	140.7	0.0	3.7	3.6
Average			287.7	90.3	65.4	22.4	2.4	0.0	190.1	7.3	3.8	3.8

<sup>1</sup> 1=very poor to 5= excellent



Springlake Total yield, total yield of U.S. No.1, over 18 oz, under 4 oz and culls/No.2 potatoes and general rating of 40 entries in the Western, Southwest Regional and Advanced Texas Chip selection  
 Table 2a. cont. Trial grown near Springlake, Texas-2022.

Entry #	Clone name/ID	Trial	Total Yield cwt/a	U.S. No. 1 cwt/a			Over 18 oz cwt/a	Under 4 oz. cwt/a	Culls/ No.2 cwt/a	General Rating <sup>1</sup> Field	General Rating <sup>1</sup> Grading	
				Total Yield	4-6 oz	6-10 oz						10-18 oz
22SPRFD176	TX19407-5Ru	22 EGSS	239.9	157.3	70.9	57.7	28.7	0.0	78.5	4.1	3.8	3.5
22SPRFD177	TX19411-4W	22 EGSS	284.5	123.4	91.3	32.2	0.0	0.0	160.4	0.7	3.6	3.7
22SPRFD178	TX19460-1W	22 EGSS	232.7	44.3	38.7	5.5	0.0	0.0	175.6	12.8	3.5	3.6
Average			252.4	108.3	67.0	31.8	9.6	0.0	138.2	5.9	3.6	3.6

<sup>1</sup> 1=very poor to 5= excellent

Springlake Table 3a. Total yield, total yield of U.S. No.1, over 18 oz, under 4 oz and culls/No.2 potatoes and general rating of 41 entries in the Western, Southwest Regional and Advanced Texas Russet selection Trial grown near Springlake, Texas-2022.

Entry #	Clone name/ID	Trial	Total Yield cwt/a	U.S. No. 1 cwt/a			Over 18 oz cwt/a	Under 4 oz. cwt/a	Culls/ No.2 cwt/a	General Rating <sup>1</sup> Field	General Rating <sup>1</sup> Grading	
				Total Yield	4-6 oz	6-10 oz						10-18 oz
22SPRFD081	Clearwater Russet	WRRU22	307.0	67.2	59.3	7.8	0.0	0.0	211.0	28.8	3.7	3.7
22SPRFD082	Ranger Russet	WRRU22	147.0	33.2	22.9	10.3	0.0	0.0	97.4	16.5	3.5	3.4
22SPRFD083	Russet Burbank	WRRU22	256.2	39.5	36.5	3.0	0.0	0.0	195.8	20.9	3.6	3.5
22SPRFD084	Russet Norkotah	WRRU22	140.0	24.3	24.3	0.0	0.0	0.0	114.2	1.5	3.6	3.4
22SPRFD085	Shepody	WRRU22	232.3	59.6	50.1	9.4	0.0	0.0	136.6	36.2	3.6	3.6
22SPRFD086	A09086-1LB	WRRU22	332.6	150.3	101.3	44.5	4.5	0.0	160.9	21.4	4.0	4.0
22SPRFD087	A10594-4sto	WRRU22	325.9	246.8	117.4	109.1	20.3	0.0	69.9	9.1	4.2	3.8
22SPRFD088	A12305-2adg	WRRU22	400.0	303.2	128.4	131.6	43.2	0.0	93.5	3.3	4.4	4.4
22SPRFD089	AFA5661-8	WRRU22	273.5	77.6	60.6	16.9	0.0	0.0	149.5	46.4	3.0	3.5
22SPRFD090	AOR11217-3	WRRU22	248.2	81.4	69.6	11.8	0.0	0.0	164.1	2.8	3.6	3.7
22SPRFD091	AOR08540-1	WRRU22	296.2	142.5	86.4	52.9	3.2	2.5	141.6	9.4	3.5	4.3
22SPRFD092	AC12090-3RU	WRRU22	263.5	148.8	82.9	55.8	10.1	0.0	111.3	3.5	4.2	4.3
22SPRFD093	CO13003-1RU	WRRU22	310.0	174.4	128.3	36.1	10.0	0.0	134.5	1.2	4.0	4.3
22SPRFD094	CO10085-1RU	WRRU22	330.3	127.6	73.8	52.2	1.6	0.0	160.1	42.6	2.5	3.4
22SPRFD095	CO11009-3RU	WRRU22	271.7	140.4	90.8	46.3	3.2	0.0	122.7	8.6	3.7	4.0
22SPRFD096	COTX08063-2Ru	SWRU22	312.6	155.3	98.9	47.0	9.4	0.0	154.5	2.8	3.8	4.2
22SPRFD097	AOTX98202-1Ru	TXRU22	239.7	122.5	77.2	43.7	1.6	0.0	111.6	5.6	3.8	3.7
22SPRFD098	ATX10007-1Ru	TXRU22	273.8	194.5	92.5	78.4	23.6	0.0	73.9	5.4	4.0	4.3
22SPRFD100	ATX15097-1Ru	TXRU22	372.7	235.1	133.8	46.7	54.6	8.0	117.2	12.4	3.8	4.2
22SPRFD101	ATX15120-1Ru	TXRU22	234.7	116.9	77.8	39.1	0.0	0.0	111.7	6.2	3.8	3.7
22SPRFD106	ATX16089-4Ru	TXRU22	171.1	28.0	28.0	0.0	0.0	0.0	141.1	2.1	3.4	3.6
22SPRFD112	COTX08121-1Ru	TXRU22	235.5	132.5	77.0	47.5	8.1	0.0	95.4	7.6	4.0	4.0
22SPRFD113	COTX08322-10Ru	TXRU22	202.0	93.3	52.0	40.0	1.4	0.0	98.9	9.8	3.7	3.7
22SPRFD114	COTX09022-3RuRE/Y	TXRU22	202.8	67.8	45.4	20.9	1.5	0.0	135.1	0.0	3.8	3.8
22SPRFD115	COTX10080-2Ru	TXRU22	352.3	182.5	120.7	47.7	14.2	0.0	166.6	3.1	4.0	4.2
22SPRFD116	COTX13029-2Ru/Y	TXRU22	270.2	74.6	47.4	25.6	1.6	0.0	187.5	8.2	3.5	4.0
22SPRFD117	COTX15271-1Ru	TXRU22	263.2	84.4	72.9	9.6	1.8	0.0	167.0	11.9	3.6	3.8
22SPRFD118	COTX16005-1Ru	TXRU22	210.4	59.2	41.0	18.2	0.0	0.0	149.7	1.5	3.6	3.7
22SPRFD119	COTX17123-2Ru	TXRU22	296.5	93.8	55.8	36.5	1.5	0.0	198.3	4.4	3.6	3.9
22SPRFD120	COTX17304-1Ru	TXRU22	212.3	64.5	47.6	16.9	0.0	0.0	146.0	1.7	3.8	3.8
22SPRFD125	COTX18206-1Ru	TXRU22	177.4	47.0	34.6	12.4	0.0	0.0	130.3	0.0	3.7	3.8
22SPRFD126	NDTX1791-1Ru	TXRU22	252.4	114.4	89.5	24.9	0.0	0.0	130.3	7.6	4.0	3.8
22SPRFD079	Reveille Russet	TXRU22	308.0	185.8	106.7	74.4	4.6	0.0	104.3	18.0	4.4	4.5
22SPRFD127	Russet Norkotah 278	TXRU22	245.7	135.5	92.0	41.8	1.7	0.0	102.1	8.1	4.3	4.3
22SPRFD128	Russet Norkotah 296	TXRU22	265.4	161.4	83.3	75.3	2.9	0.0	96.1	7.8	4.2	4.2
22SPRFD129	Sierra Gold	TXRU22	207.4	104.4	67.3	32.7	4.4	0.0	102.2	0.8	3.7	3.8
22SPRFD130	Stampede Russet	TXRU22	208.8	78.6	50.9	23.0	4.6	0.0	119.4	10.8	4.0	3.7
Average			260.8	117.5	73.6	37.6	6.3	0.3	132.5	10.5	3.8	3.9

<sup>1</sup> 1=very poor to 5= excellent

Springlake Total yield, total yield of U.S. No.1, over 18 oz, under 4 oz and culls/No.2 potatoes and general rating of 41 entries in the Western, Southwest Regional and Advanced Texas Russet selection Trial  
 Table 3a. cont. grown near Springlake, Texas-2022.

Entry #	Clone name/ID	Trial	Total Yield cwt/a	U.S. No. 1 cwt/a			Over 18 oz cwt/a	Under 4 oz. cwt/a	Culls/ No.2 cwt/a	General Rating <sup>1</sup> Field	General Rating <sup>1</sup> Grading	
				Total Yield	4-6 oz	6-10 oz						10-18 oz
22SPRFD131	TX13590-9Ru	TXRU22	381.4	236.6	82.4	123.9	30.3	2.8	137.0	5.1	4.4	4.3
22SPRFD133	TX19083-1Ru	TXRU22	139.3	106.1	57.7	29.4	19.0	0.0	28.7	4.5	3.6	3.5
22SPRFD134	TX19093-1Rure	TXRU22	254.8	89.9	57.4	32.5	0.0	0.0	157.3	7.6	4.0	3.6
22SPRFD080	Vanguard Russet	TXRU22	335.1	210.9	124.2	77.7	9.0	0.0	114.3	9.9	4.2	4.3
Average			277.7	160.9	80.4	65.9	14.6	0.7	109.3	6.8	4.1	3.9

<sup>1</sup> 1=very poor to 5= excellent

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