

Colorado Potato Certification Service



2024
COLORADO CERTIFIED SEED POTATOES
CROP DIRECTORY
and
FIELD INSPECTION READINGS



San Luis Valley Research Center
0249 East Rd. 9 North
Center, CO 81125
719 754-3496
FAX: 719 754-2619

www.slvrepotato.com/potato-certification-service/

IN COOPERATION WITH COLORADO STATE UNIVERSITY

Seed potatoes are certified in Colorado,
through authority granted by the
Colorado State Board of Agriculture

THE POTATO CERTIFICATION SERVICE (PCS) SINCERELY HOPES THE 2024 SEED POTATO DIRECTORY WILL BE HELPFUL TO SEED BUYERS. WE REALIZE, HOWEVER, THAT SOME INDIVIDUALS MAY WANT ADDITIONAL INFORMATION. PLEASE CONTACT THE POTATO CERTIFICATION SERVICE AS LISTED BELOW OR INDIVIDUAL SEED GROWERS...WE'LL DO OUR BEST TO HELP!

COLORADO POTATO CERTIFICATION SERVICE STAFF

Manager Andrew Houser	Assistant Manager Michelle Leckler	Disease Lab Supervisor Teresa Almeida
Field Technician Jeff Shawcroft	Disease Lab Asst. Supervisor Sarah Hensley	Accounting Technician III Sharon Yust
Admin Pro/Lab Technician Laura Gallegos		

Field Inspection Staff

Lee Archuleta, Blake Canty, Rick Haslar, Adam Martinez

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(719) 754-3496

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PCS ADVISORY COUNCIL

Amanda Wakasugi	Certified Grower
Andrew Price	Certified Grower
Miguel Diaz	Certified Grower
Ross Rieron	Commercial Grower
Brian Harrison	Commercial Grower
Trey Jones	Grower Entry Grower
Chad Cochran	Financial Advisor
Cheryl Smith	CDA representative
Amy Charkowski	CSU representative
Caroline Gray	CSU representative

2024 CERTIFIED SEED POTATO DIRECTORY

Listed are those growers with potatoes produced for the 2024 crop qualifying for certified seed. Included in the directory are acreage of cultivars approved following field inspections (storage inspections will be completed after harvest), lot identification, generation, and final inspection field readings. Cultivars with acreage less than 0.01 total or private cultivar upon owners' request are not listed. Feel free to inquire from any grower listed about additional information you believe may be of assistance in evaluating their seed lots. The seed grower can verify that any given seed lot you may wish to purchase has been stored separately. It sometimes becomes necessary for seed growers to store similar seed lots of the same cultivar in a single bin which could result in loss of the individual lot identity listed herein.

IN ADDITION, ALL SEED GENERATIONS IN THE DIRECTORY ARE BASED ON FIELD INSPECTION READINGS. THESE CLASSIFICATIONS COULD CHANGE BECAUSE OF RESULTS OBTAINED DURING STORAGE, SHIPPING POINT INSPECTION, POST HARVEST TESTING, ETC. IT IS THE BUYER'S RESPONSIBILITY TO VERIFY SEED LOT GENERATIONS WITH THE SEED GROWER.

RE-CERTIFICATION CONDITIONS

Not all certified seed will be eligible for re-certification. **ONLY THOSE LOTS MEETING POST HARVEST TEST REQUIREMENTS OR OTHER STANDARDS WILL BE APPROVED FOR RE-CERTIFICATION.** A supplementary list will be available following completion of post harvest testing to identify eligible lots.

EXCEPTION

Any lot(s) of seed proven to be infected with bacterial ring rot or otherwise unfit for seed will be rejected for certification regardless of the time or place of inspection.

Certain Colorado regulations may additionally limit the eligibility of seed lots for re-certification. Please note the following explanation which identifies seed lots that are affected by these regulations.

Preceding each grower's name in the Directory is a space which may be blank or have an asterisk (*). The same symbol is located immediately preceding lot identity in the main body of the Directory.

Blank - The grower's lots listed passed all field inspection requirements and are approved as certified seed. All lots are eligible for re-certification contingent upon required storage inspection, post harvest test results, and generation.

- * - The grower's lots listed passed all field inspection requirements and are approved as certified seed; however, this grower had a lot(s) of seed potatoes in his farming operation rejected due to bacterial ring rot. Any seed lot with an * in its designation shall not be eligible for re-certification the following year except by the original grower or the farming operation where bacterial ring rot was identified. The * symbol will also be printed on all of the grower's tags and bulk certificates.

PLEASE KEEP THESE DESIGNATIONS IN MIND WHEN UTILIZING THIS DIRECTORY. BLACKLEG FIELD READINGS

Blackleg field readings are included in the Colorado Seed Directory in response to numerous requests from seed buyers. Although estimates of blackleg percentages are routinely collected by field inspectors, this data is not necessarily a reliable indicator of blackleg in the crop grown from any given seed lot. Environmental conditions and cultivar response to infection can either magnify or suppress blackleg symptom expression sufficiently to prevent a reasonable correlation between the seed source reading and the next crop grown. These field readings, however, may be a useful indicator of blackleg reinfection into seed lots originating from laboratory produced, tissue-culture propagated stocks.

LINE SELECTIONS

The Potato Certification Service verifies that each cultivar listed in this Directory has been correctly identified. Some individual seed growers, however, may have developed or obtained from another source, line selections that possess characteristics such as yield potential, maturity, vine and/or tuber type that could be different from any given cultivar as originally described and named. Since such characteristics cannot usually be verified on a reliable basis by conventional certification methods, the responsibility for informing the seed buyer about line selection characteristics rests with the seed grower. Therefore, seed purchasers are urged to consult with the seed grower about line selections that may be included (but not identified) among the seed lots listed.

DECIMAL PERCENTAGES USED IN REPORTING FIELD READINGS

The field reading percentages used in this Directory are calculated from actual plant counts made visually by inspectors when they walk through the fields. The number of diseased, or otherwise undesirable plants accumulated in any given inspection are divided by the total number of plants observed. The numerical result is a decimal percentage. To help you visualize decimal percentages to actual frequency of diseased plants in a field, it is helpful to express it in terms of diseased plants per 10,000. The table below illustrates how decimal percentages relate to plants per 10,000.

<u>Field Reading Percent</u>	<u>Diseased Plants per 10,000</u>
0.01	1
0.05	5
0.10	10
0.20	20
Etc.	

EXPLANATION OF GENERATION SYMBOLS

Generation

Nuclear

- 1 (G1)
- 2 (G2)
- 3 (G3)
- 4 (G4)
- 5 (G5)
- 6 (G6)

Non-Generation Certified (NGC)

Experimental (EXP)

Lab and/or Greenhouse Production

Lab tested; tissue-culture or stem-cut propagations; plantlets, microtubers, or greenhouse produced minitubers.

Field Production

First year of field production (planting from nuclear stocks)
 Second year (G1 planting)
 Third year (G2 planting)
 Fourth year (G3 planting)
 Fifth year (G4 planting)
 Last year of field production (G5 planting). G6 stocks cannot be re-entered for certification.

Planted from certified stocks of cultivars for which tissue-culture derived, lab tested seed sources are temporarily not available. NGC stocks must meet qualifications for re-certification and are inspected and classified according to the disease tolerances and all applicable rules and regulations established for G6.

Includes unnamed “seedling” clones (Please see Special Requirements for Experimental Class Seed Potatoes in the appendix of this Directory).

EXPLANATION OF LOT NUMBER DESIGNATIONS

Each lot number consists of several parts. For example, the following lot number “**24028ATL41**” consists of...

- 24** = 2024: the year of production
- 028** = Martinez Farms: the grower’s individual ID number
- ATL** = Atlantic: the cultivar designation
- 4** = generation 4: the generation of the seed lot (see above)
- 1** = the first lot of generation 4 Atlantic seed on grower ID 028: The number of individual lots of that particular cultivar by generation. There may be more than one lot of a particular cultivar by generation. Numbers would progress; 2, 3, 4, etc. based upon the actual number of similar lots on the grower’s farm.

We hope this explanation will clarify how each lot number is derived.

2024 Certified Seed Growers

Allied Potato Colorado, Inc.

Jared Myers 719-588-1066
Brian Kirshenmann 719-754-3613
53943 County Rd. B 661-747-7901
Center, CO 81125 719-754-2529 fax
jared@alliedpotato.com
brian@kirschenmann.com

Bothell Seed, LLC

Eric Bothell 719-754-3686
3527 West Rd. 8 N. 719-588-3686
Center, CO 81125 719-754-3686 fax
info@bothellseed.com

CSS Farms, LLC

Matt Barrow, Manager 719-676-2791
Box 19637 719-676-2795 fax
Colorado City, CO 81019
matt.barrow@cssfarms.com

Flat Top Farms

Bruce Heersink 719-852-2706
Austin Heersink 719-588-1737
1509 East Rd. 4 North 719-849-8888
Monte Vista, CO 81144 719-852-2128
719-852-5599 fax
heersinkbruce@gmail.com

H&H Farms

Bruce Heersink 719-852-2706
Austin Heersink 719-588-1737
1509 East Rd. 4 North 719-849-8888
Monte Vista, CO 81144 719-852-2128
719-852-5599 fax
heersinkbruce@gmail.com

Harrison, Brent

1515 W Cty Rd. 10 North 719-850-1365
Center, CO 81125
brentharrison03@gmail.com

La Rue Farms

Bruce Heersink 719-852-2706
Austin Heersink 719-588-1737
1509 East Rd. 4 North 719-849-8888
Monte Vista, CO 81144 719-852-2128
719-852-5599 fax
heersinkbruce@gmail.com

Martinez Farms

Segundo & Margie Diaz 719-852-2498
Miguel Diaz 719-480-2482
0721 Lane 2 North 719-849-3612
Alamosa, CO 81101 719-852-5889 fax
diaz@martinezfarms-eagleproduce.com
miguel@martinezfarms-eagleproduce.com

Palmgren Farms

Kent Palmgren 719-754-3889
50026 County Rd. C 719-850-2084
Center, CO 81125
kpalmgren@live.com

Price Farms Certified Seed, LLC

Kent Price 719-850-4014
Andrew Price 719-849-3281
48065 County Rd. C
Center, CO 81125
kent@pricefarmssl.com
andrew@pricefarmssl.com
www.pricefarmssl.com

Pro Seed

Derek Schreck 719-850-1764
47468 County Rd. B
Center, CO 81125
ogre.schreck@gmail.com

Rockey Farms, LLC

Brendon Rockey 719-754-3744
48444 County Rd. C 719-588-4383
Center, CO 81125 719-754-3702 fax
brendonrockey@gmail.com

Salazar Seed

LeRoy Salazar 719-376-5412
PO Box 296 719-588-0131
Manassa, CO 81141 719-376-5462 fax
leroyosalazar@usa.net

San Acacio Seed

LeRoy Salazar 719-588-0131
Amanda Wakasugi 719-588-1023
PO Box 451 719-376-5462 fax
San Luis, CO 81152
leroyosalazar@usa.net
amandak@sanacacioseed.com
www.sanacacioseed.com

SLV Research Center

Troy Bauder 719-754-3594
Dario Racano 970-218-8157
Caroline Gray 719-890-0893
0249 East Rd. 9 North 719-480-5027
Center, CO 81125 719-754-2619 fax
slvctr@colostate.edu
www.colostate.edu/depts/SLVRC

Summit Plant Laboratories, Inc. 800-654-1017
Tom Smith 970-224-2021
Jennifer Matsuura 303-696-7494
3003 West Vine Drive
Ft Collins, CO 80521
info@plantlabs.com
www.plantlabs.com

Worley Family Farms, LLC 719-852-4097
Bob Mattive 719-850-1782
Grant Mattive 970-219-2922
Reid Mattive 719-850-2802
Matt Smartt 719-850-1580
2468 East County Rd 6 N 719-852-5550 fax
Monte Vista, CO 81144
worleyseed@gmail.com

Zapata Seed Company 719-754-9048
Anna Osterhout 719-588-3541
Patrick Brownell 719-588-0203
10539 E. Cty. Rd. 104
Hooper, CO 81136
sales@zapataseedcompany.com
www.zapataseedcompany.com

2024 Cultivar Acreage Summary

Cultivar	G1	G2	G3	G4	G5	G6	EXP	Total
AAC Canada Gold-Doree^^	0.14	0.42		3.73				4.29
AC10376-1W/Y^^	0.05		2.5					2.55
AC13125-5W^^							0.5	0.50
AC13126-1Wadg^^	0.02						0.1	0.12
AC99330-1P/Y^^	0.06	0.301	0.9	1.7				2.96
Actrice	0.36	1.1	13.8	16.74				32.00
Alegria^^	2.6	17	207.8	60				287.40
AmaRosa^^	0.09			7.95				8.04
Atlantic	3.04	5.9		107.5				116.44
Austrian Crescent	0.24	1.4	15.68	49.52	30			96.84
Autumn Rose^^					6.67			6.67
Baltic Rose^^	0.13	0.3	4.41					4.84
Banana			13					13.00
Brodie^^	1.53							1.53
Canela Russet^^	4.07	10.8	59.96	123.8	180.55	306.7		685.88
Caribou Russet^^	1.04	3.5		60				64.54
Carola	0.11	0.49						0.60
Castle Russet^^	2	9.97	180.25	61				253.22
Centennial Russet	2.91	2.97	152.9	151				309.78
Chieftain	1.3	9.9						11.20
Chipeta	0.5							0.50
Christel	0.75	1.95	5.57					8.27
Ciklamen	0.81	2.8	11.5	37.5				52.61
Classic Russet^^	0.21							0.21
Clearwater Russet^^	1.93	3.75		32				37.68
CO05028-4P/PY^^	0.01	0.24	1.6					1.85
CO05037-2R/Y^^				0.6				0.60
CO09128-3W/Y^^	0.05				2.4			2.45
CO11009-3RU^^	0.04		0.1				1.8	1.94
CO12378-1RU^^	0.08	0.25	1.6					1.93
CO13003-1RU^^							2.04	2.04
CO15016-1RUsto^^							0.64	0.64
CO97232-2R/Y^^	0.09	0.38		1.73	3.01			5.21
Colomba^^	2.33	7.3	62.5					72.13
Desiree	0.08	0.75			11.36			12.19
Fenway Red	0.88	3.7	24.5	38.89				67.97
Floridana^^	0.04	0.46			8.02			8.52
French Fingerling				5.18				5.18
Frito Lay Varieties^^			143					143.00
Jelly^^					7.75			7.75
Lady Liberty^^				59				59.00
Lamoka^^	2.85	7		86				95.85
LaRatte	0.2	1.21	6	26.3	17			50.71

2024 Cultivar Acreage Summary

Cultivar	G1	G2	G3	G4	G5	G6	EXP	Total
Masquerade^^	0.06	0.31	0.64	2.8				3.81
Mesa Russet^^	2.83	12.1	51					65.93
Miscellaneous	0.7	1.34	0.37				23.87	26.28
Modoc^^	0.66	4.3	0.9	31				36.86
Mountain Gem Russet^^	0.33	2.17						2.50
Mozart^^	0.1	0.2	9.5	7.19				16.99
Nicola	0.12	0.71			2.7			3.53
NY 115	1.28							1.28
Pacific Russet	0.8	11.1		51.01				62.91
Purple Majesty^^	0.02			9.75				9.77
Purple Viking				2.1				2.10
Rainier Russet^^	0.42	2.1						2.52
Red Thumb	0.08	0.35	0.94	0.85				2.22
Reveille Russet^^	15.31	37.1	240.3	779.1	240	22.7		1334.51
Rio Grande Russet^^	0.15	0.4	7.3	60				67.85
Rocky Mountain Russet^^	0.1	0.25	2.54	1.65				4.54
Rosemara			6.18					6.18
Russet Norkotah	0.02		1.5	119				120.52
Russet Norkotah 112				41.2				41.20
Russet Norkotah 223			143					143.00
Russet Norkotah 278	1.92	10.5	100.65	520.4	38			671.47
Russet Norkotah 296^^	7.26	8.4	86.5	390.3	15	161		668.46
Russet Norkotah 3	6.86	3.1	91.1	386		109.25		596.31
Russet Norkotah 8	0.45		12.1	132.3				144.85
Salinero					12.83			12.83
Sangre				3.7				3.70
Satina	1.42	3.7	31.95	22.4	28			87.47
Soraya^^	4.38	31.2	87.1	219.26		128.6		470.54
Teton Russet^^	0.23	2.7	37.2	300.2				340.33
Vanguard Russet^^	0.9	2.3	16.17					19.37
Vista Gold^^	0.06	0.25	2.9					3.21
Waneta^^	9.01			35				44.01
Yukon Gold	2.36			119.13				121.49
	88.37	228.42	1837.41	4164.48	603.29	728.25	28.95	7679.17

Percentage of Total Acreage: 0.01 0.03 0.24 0.54 0.08 0.09 0.01

^^ Indicates cultivars that are Plant Variety Protected, have a pending application for Plant Variety Protection or requires a material transfer agreement - Unauthorized Propagation Prohibited for these cultivars!

Data includes Grower Entry acreage that is ineligible to be sold as certified seed. See pages 12-27 for seed eligible for sale based on summer inspections.

EXP - column contains acreage for non-generational experimental cultivars.

Listed below are the given disease tolerances into which generations of Colorado certified seed will fit.

Percentages Allowed by Generation - Final Inspection			
Item	Generation		
	G1	G2	G3-G6
Potato Leafroll Virus	0	0.05	0.4
Spindle Tuber Viroid	0	0	0.0
Mosaic Viruses	0	0.1	1.5
Other Virus	0	0.05	0.5
Total Virus Allowed			1.9
Haywire	0.1	0.5	1.0
Giant Hill	0	0.5	0.5
Variety Mix	0	0.07	0.25
Bacterial Ring Rot	0	0	0
Blackleg	0	0.1	4.0

NUCLEAR SEED PRODUCERS

In 2024 the following growers and independent laboratories produced lab and/or greenhouse nuclear stocks for entry into the Colorado Certified Seed Potato program. For further information regarding these stocks, please contact the growers/labs or the Potato Certification Service. Cultivars listed are 2024 crop to date.

Allied Colorado Potato

Atlantic, Brodie, Lamoka, NY 115, Waneta.

CSS Farms

05 6556.1, 907-15, A 071012-4BF, AC12090-3RU, AF5071-2, AF5736-16, AF5762-8, Alpine Russet, Alturas, Atlantic, ATTX10007-1Ru, Caribou Russet, Challenger, Ciklamen, CO12378-1RU, Colomba, COTX08063-2Ru, COTX10080-2Ru, CWO8221-5RUS, Dakota Russet, Fontane, Gala, Gala Line 1, Gala Line 2, Gala Line 3, Galena, Gerona, Hamlin, Innovator, IPB 8343-2W/Y, IPB 8343-3W/Y, IPB 8343-5W/Y, IPB 8343-8W/Y, Ivory Russet, King Russet, LakeView Russet, Lamoka, Laona, Mackinaw, Markies, Mascha, Mesa Russet, Modoc, NY177, OR12133-10, Paige, Primus, Ranger Russet, Red LaSoda, Red Maria, Red Prairie, Reveille Russet, Russet Burbank, Russet Norkotah 278, Russet Norkotah 296, Russet Norkotah 3, Saphia, Silverton Russet, Snowden, Teton Russet, Tiger, Umatilla Russet, Upstate Abundance, Vitus, W9426-3R/W.

Martinez Farms

Caribou Russet, Centennial Russet, Christel, Clearwater Russet, Mascha, Mountain Gem Russet, Reveille Russet, Russet Norkotah 296, Russet Norkotah 3, Soraya, Vanguard Russet, Yukon Gold.

San Luis Valley Research Center

AC10376-1W/Y, AC11494-6W, AC12090-3RU, AC13126-1Wadg, AC99330-1P/Y, All Blue, Atlantic, Austrian Crescent, Canela Russet, Centennial Russet, Chieftain, Chipeta, Clearwater Russet, CO00277-2R, CO00291-5R, CO00415-1RF, CO04056-3P/PW, CO05028-4P/PY, CO08062-3PF/P, CO09079-5PW/Y, CO09128-3W/Y, CO09128-5W/Y, CO10085-1RU, CO10087-4RUsto, CO10091-1RUsto, CO11009-3RU, CO11266-1W/Y, CO12235-3W, CO12293-1W, CO12378-1RU, CO13003-1RU, CO14040-3R, CO98012-5R, CO99076-6R, CO99256-2R, Colorado Rose, Columbine Gold, Crimson King, LaRatte, Masquerade, Mesa Russet, Modoc, NY163, Purple Majesty, Ranger Russet, Red LaSoda, Reveille Russet, Rocky Mountain Russet, Russet Burbank, Russet Norkotah, Russet Norkotah 278, Russet Norkotah 296, Sangre 10, Shepody, Silverton Russet, Vista Gold, Yukon Gold.

Summit Plant Labs Inc.

Alegria, Canela Russet, Centennial Russet, Igorota, IPB 8343-5W/Y, Mascha, Mesa Russet, Polly, Rainier Russet, Red LaSoda Sel. 10, Reveille Russet, Rio Grande Russet, Russet Norkotah 223, Russet Norkotah 278, Russet Norkotah 3, Russet Norkotah 8, Soraya.

Pro Seed

Canela Russet, Centennial Russet, Chieftain, Reveille Russet, Russet Norkotah 278, Russet Norkotah 3, Soraya.

Rockey Farms

AAC Canada Gold-Doree, AC99330-1P/Y, AmaRosa, Austrian Crescent, Baltic Rose, Carola, CO97232-2R/Y, Desiree, LaRatte, Magic Molly, Masquerade, Nicola, Red Thumb, Rocky Mountain Russet, Vista Gold.

Worley Family Farms, LLLP

Canela Russet, Caribou Russet, Castle Russet, Colomba, COTX10080-2Ru, Mesa Russet, Reveille Russet.

Zapata Seed Company

Alegria, Castle Russet, Mesa Russet, Polly, Reveille Russet, Russet Norkotah 296, Soraya.

GENERATION 1 PRODUCERS

All Generation 1 seed stocks produced in Colorado must meet rigid standards for certification. Since all lots must meet the same standards for all diseases and conditions as presented in the Colorado Rules and Regulations, they are listed without readings on a grower, cultivar/clone, and acreage basis. For further information about these stocks, please contact either the individual grower or the Potato Certification Service. The number following each cultivar indicates acres grown.

Allied Colorado Potato

Atlantic, 3.04; Brodie, 1.53; Chipeta, 0.5; Clearwater Russet, 1.48; Lamoka, 2.85; NY115, 1.28; Waneta, 9.01.

Bothell Seed

Centennial Russet, 0.26; Classic Russet, 0.21; Rainier Russet, 0.12; Teton Russet, 0.23.

Martinez Farms

Caribou Russet, 0.14; Centennial Russet, 1.33; Christel, 0.75; Clearwater Russet, 0.45; Mascha, 0.08; Mascha, 0.1; Mountain Gem Russet, 0.33; Reveille Russet, 10.03; Russet Norkotah 296, 5.7; Russet Norkotah 3, 5.66; Soraya, 0.7; Yukon Gold, 2.33.

Rockey Farms

AAC Canada Gold-Doree, 0.14; AC99330-1P/Y, 0.05; AmaRosa, 0.09; Austrian Crescent, 0.24; Baltic Rose, 0.13; Carola, 0.11; CO97232-2R/Y, 0.09; Desiree, 0.08; Floridana, 0.04; LaRatte, 0.19; Magic Molly, 0.03; Magic Myrna, 0.03; Masquerade, 0.04; Nicola, 0.12; Red Thumb, 0.08; Rocky Mountain Russet, 0.08; Vista Gold, 0.04.

Pro Seed

Canela Russet, 1.6; Centennial Russet, 0.7; Chieftain, 1.3; Reveille Russet, 2.4; Russet Norkotah 278, 0.7; Russet Norkotah 3, 0.8; Soraya, 1.3.

Salazar Seed

Actrice, 0.36; Canela Russet, 1.2; Centennial Russet, 0.12; Ciklamen, 0.81; Colomba, 0.23; Fenway Red, 0.88; Modoc, 0.34; Mozart, 0.1; Reveille Russet, 1.05; Rio Grande Russet, 0.15; Russet Norkotah 278, 0.98; Russet Norkotah 296, 0.42; Russet Norkotah 3, 0.2; Russet Norkotah 8, 0.45; Satina, 1.42; Soraya, 0.58.

San Acacio Seed

Canela Russet, 1.2; Caribou Russet, 0.9; Castle Russet, 0.9; Colomba, 2.1; Mesa Russet, 2.8; Modoc, 0.3; Rainier Russet, 0.3; Reveille Russet, 1.8; Russet Norkotah 278, 0.2; Russet Norkotah 296, 1.1; Russet Norkotah 3, 0.2; Soraya, 0.3; Vanguard Russet, 0.9.

San Luis Valley Research Center

AC10376, 0.06; AC11494, 0.004; AC12090, 0.07; AC13126, 0.02; AC99330, 0.01; All Blue, 0.01; Canela Russet, 0.07; CO00415, 0.02; CO04056, 0.06; CO05028, 0.06; CO08062, 0.06; CO09079, 0.06; CO09128, 0.06; CO10087, 0.01; CO11009, 0.04; CO11266, 0.06; CO12235, 0.02; CO12293, 0.02; CO12378, 0.08; CO13003, 0.04; CO14040, 0.02; CO98012, 0.01; CO99076, 0.02; Colorado Rose, 0.01; Columbine Gold, 0.01; Crimson King, 0.02; LaRatte, 0.01; Masquerade, 0.02; Mesa Russet, 0.03; Modoc, 0.02; Purple Majesty, 0.02; Reveille Russet, 0.03; Rocky Mountain Russet, 0.02; Russet Burbank, 0.03; Russet Norkotah 278, 0.04; Russet Norkotah 296, 0.04; Russet Norkotah, 0.02; Sangre 10, 0.02; Vista Gold, 0.02; Yukon Gold, 0.03.

Zapata Seed Company

Alegria, 2.6; Castle Russet, 1.1; Polly, 0.1; Soraya, 1.5.

San Luis Valley Research Center

AC10376, 0.06; AC11494, 0.004; AC12090, 0.07; AC13126, 0.02; AC99330, 0.01; All Blue, 0.01; Canela Russet, 0.07; CO00415, 0.02; CO04056, 0.06; CO05028, 0.06; CO08062, 0.06; CO09079, 0.06; CO09128, 0.06; CO10087, 0.01; CO11009, 0.04; CO11266, 0.06; CO12235, 0.02; CO12293, 0.02; CO12378, 0.08; CO13003, 0.04; CO14040, 0.02; CO98012, 0.01; CO99076, 0.02; Colorado Rose, 0.01; Columbine Gold, 0.01; Crimson King, 0.02; LaRatte, 0.01; Masquerade, 0.02; Mesa Russet, 0.03; Modoc, 0.02; Purple Majesty, 0.02; Reveille Russet, 0.03; Rocky Mountain Russet, 0.02; Russet Burbank, 0.03; Russet Norkotah 278, 0.04; Russet Norkotah 296, 0.04; Russet Norkotah, 0.02; Sangre 10, 0.02; Vista Gold, 0.02; Yukon Gold, 0.03.

Zapata Seed Company

Alegria, 2.6; Castle Russet, 1.1; Polly, 0.1; Soraya, 1.5.

AAC Canada Gold-Doree^^ (Continued)

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122CGD21	0.42	G2								
	24122CGD41	3.73	G4		0.10						1.50

AC99330-1P/Y^^

Medium maturing, round purple skin, yellow flesh
Primary Use: Specialty market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	2412207E21	0.30	G2								
	2412207E41	1.70	G4								
SLV Research Center	2404407E31	0.90	G3								

Actrice

Early maturing, Round oval, yellow skin, light yellow flesh.
Primary Use: Fresh market

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Price Farms Certified Seed, LLC	24064ACT41	3.74	G4		0.40				0.20		
Salazar Seed	24180ACT21	1.10	G2								
	24180ACT31	13.80	G3		0.07		0.07				
	24180ACT41	13.00	G4		0.23						

Alegria^^

Medium maturing, oval yellow skin, yellow flesh.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Zapata Seed Company	24106ALE21	17.00	G2								
	24106ALE31	20.10	G3								0.24
	24106ALE32	16.00	G3								1.00
	24106ALE33	62.70	G3								0.29
	24106ALE34	51.00	G3								T
	24106ALE35	58.00	G3				0.02			0.02	

AmaRosa^^

Medium maturing, fingerling, red skin, red flesh.
Primary Use: Specialty market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122AMA41	7.95	G4			0.10					

T- Trace (less than 0.1%); blank space indicates NONE OBSERVED during inspection.

Atlantic

Medium maturing, oval white.
Primary Use: Fresh market and processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Allied Potato Colorado, Inc.	24008ATL21	5.90	G3		1.10						
	24008ATL41	29.00	G4								
	24008ATL42	29.00	G4								
	24008ATL43	49.50	G4		0.78						

Austrian Crescent

Medium maturing, yellow fingerling.
Primary Use: Specialty market; "Heirloom variety".

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122AUS21	1.40	G2								
	24122AUS31	11.28	G3		0.33						
	24122AUS32	4.40	G3		0.50						0.10
	24122AUS41	49.52	G4		0.10						0.02

Autumn Rose^^

Early maturing, Round oval, red skin, white flesh
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Worley Family Farms, LLC	24031AUT51	6.67	G5		0.10		0.10				1.10

Baltic Rose^^

Medium maturing, oblong, pink skin, yellow flesh.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122BRS21	0.30	G2						T		
	24122BRS31	0.52	G3							0.20	
	24122BRS32	3.89	G3								

Canela Russet^^

Medium maturing, oblong russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Palmgren Farms, Inc.	24198CAN41	31.00	G4		0.39						

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Canela Russet^^ (Continued)

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Price Farms Certified Seed, LLC	24064CAN31	29.76	G3		0.07		0.03				
	24064CAN41	81.50	G4		0.22		0.01		0.05		
	24064CAN42	11.30	G4		0.08						0.08
	24064CAN61	108.70	G6		0.28		0.01		0.02		
	24064CAN63	48.00	G6		0.13		0.02				0.02
	24064CAN64	60.00	G6		0.22						0.03
Pro Seed	24218CAN21	6.40	G2								
	24218CAN51	116.80	G5		0.18				0.08		
Salazar Seed	24180CAN21	3.50	G2								
	24180CAN31	30.20	G3						0.19		
San Acacio Seed	24225CAN21	0.90	G2								

Caribou Russet^^

Early maturing., oblong russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
San Acacio Seed	24225BOU21	3.50	G3		0.30						
Worley Family Farms, LLC	24031BOU41	30.00	G4								
	24031BOU42	30.00	G4					0.03	T		

Carola

Medium maturing, oval yellow.
Primary Use: Specialty market.

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122CAR21	0.49	G2							T	

Castle Russet^^

Medium to late maturing, long russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Bothell Seed, LLC	24151CSR41	1.00	G4								
Worley Family Farms, LLC	24031CSR21	2.67	G2								
	24031CSR31	14.15	G3								
	24031CSR32	53.00	G3								
Zapata Seed Company	24106CSR21	7.30	G2								
	24106CSR31	113.10	G3								

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Centennial Russet

Medium to late maturing, oblong dark russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Bothell Seed, LLC	24151CEN21	1.40	G2								
	24151CEN31	20.40	G3		0.30						
Brent Harrison	24144CEN31	38.00	G3		0.15						
	24144CEN41	61.00	G4		1.25						
Martinez Farms	24028CEN21	0.97	G2		0.10						
	24028CEN31	16.00	G3		0.38						
Palmgren Farms, Inc.	24198CEN31	11.00	G3						0.18		
	24198CEN32	51.00	G3		0.02				0.02		
	24198CEN33	6.00	G3		0.20						
Salazar Seed	24180CEN21	0.60	G2								
San Acacio Seed	24225CEN11	0.50	G2		0.30						

Chieftain

Medium to late maturing, oblong red.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Pro Seed	24218CHF21	9.90	G2		0.10						

Christel

Early to medium maturing, short oval, yellow skin, yellow flesh
Primary Use: Fresh and specialty markets.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Martinez Farms	24028CIL21	1.95	G2		0.10						
Worley Family Farms, LLC	24031CIL31	1.56	G3		0.90						0.10
	24031CIL32	4.01	G3		0.60						0.10

Ciklamen

Medium to late maturing, oval red.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Price Farms Certified Seed, LLC	24064CIK41	37.50	G4							0.03	
Salazar Seed	24180CIK21	2.80	G2								
	24180CIK31	11.50	G3								

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Clearwater Russet^^

Medium to late maturing, oblong russet.
Primary Use: Fresh market and processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Allied Potato Colorado, Inc.	24008CLE21	2.00	G2		0.10						
	24008CLE41	16.00	G4								2.50
	24008CLE42	16.00	G4								2.50
Martinez Farms	24028CLE21	1.75	G2		0.10						

Colomba^^

Early maturing, round to oval, yellow skin, yellow flesh
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
San Acacio Seed	24225CLB21	7.30	G2								
Worley Family Farms, LLC	24031CLB31	31.25	G3							0.03	0.03
	24031CLB32	31.25	G3								

Desiree

Late maturing, oval, red skin, yellow flesh.
Primary Use: Fresh and specialty markets.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122DES21	0.75	G2								0.10
	24122DES51	11.36	G5		0.08						0.25

Fenway Red^^

Early maturing, round, red skin, white flesh.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Salazar Seed	24180FEN21	3.70	G2								
	24180FEN31	24.50	G3		0.16						
	24180FEN41	18.40	G4		0.05						
	24180FEN42	8.60	G4								
Worley Family Farms, LLC	24031FEN41	10.59	G4								
	24031FEN42	1.30	G4				0.20				

Floridana^^

Early to medium maturing, round to oval, yellow skin, yellow flesh
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Pro Seed	24218FLO51	2.00	G5								1.50

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Floridana^^ (Continued)

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122FLO21	0.46	G2								0.10
	24122FLO51	6.02	G5								2.80

French Fingerling

Late maturing, red skin, yellow flesh fingerling.
Primary Use: Specialty market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122FRE41	5.18	G4								

Jelly^^

Late maturing, oval, yellow skin, yellow flesh.
Primary Use: Fresh market and processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122JEL51	7.75	G5								1.80

Lady Liberty^^

Medium to late maturing, round to oval, white skin, white flesh
Primary Use: Processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Allied Potato Colorado, Inc.	24008LDY41	59.00	G4						0.05	0.03	

Lamoka^^

Medium maturing, round, white skin, white flesh.
Primary Use: Processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Allied Potato Colorado, Inc.	24008LKA21	7.00	G2								
	24008LKA41	29.00	G4						0.03		2.00
	24008LKA42	28.00	G4						0.04		2.00
	24008LKA43	29.00	G4						0.03		2.00

LaRatte

Late maturing, red tinged, yellow skin, yellow flesh fingerling.
Primary Use: Specialty market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122LAR21	1.00	G2								
	24122LAR31	6.00	G3		0.30						0.20
	24122LAR41	26.30	G4								
SLV Research Center	24044LAR21	0.21	G2							0.20	

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Magic Molly

Oval, purple skin, purple flesh.
Primary Use: Specialty market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122MAG21	0.44	G2								0.10

Masquerade^^

Medium maturing, round, purple/white skin, white flesh.
Primary Use: Fresh market and specialty.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122MAS21	0.18	G2								
	24122MAS41	2.80	G4								
SLV Research Center	24044MAS21	0.13	G2								
	24044MAS31	0.64	G3								

Mesa Russet^^

Medium maturing, oblong russet.
Primary Use: Fresh market and processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Salazar Seed	24180MES31	5.80	G3								
	24180MES32	8.80	G3								
San Acacio Seed	24225MES21	2.10	G2		0.10						
	24225MES22	3.20	G2								
Worley Family Farms, LLC	24031MES31	36.40	G3		0.22						
Zapata Seed Company	24106MES21	6.80	G3		0.20						0.50

Modoc^^

Early maturing, round, red skin, white flesh.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Salazar Seed	24180MOD21	1.10	G2								
	24180MOD31	0.90	G3		0.30		0.10				
	24180MOD41	11.30	G4		0.50						
San Acacio Seed	24225MOD21	3.20	G2								
	24225MOD41	19.70	G4								

Mountain Gem Russet^^

Medium to late maturing, long russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Martinez Farms	24028MGM21	2.17	G2								

T- Trace (less than 0.1%); blank space indicates NONE OBSERVED during inspection.

Mozart^^

Late maturing, oval, red skin, yellow flesh.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Salazar Seed	24180MOZ21	0.20	G2								
	24180MOZ31	9.50	G3								
	24180MOZ41	7.19	G4				0.10				

Nicola

Medium maturing, oblong, yellow skin, yellow flesh.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122NIC21	0.71	G3		0.40						0.10
	24122NIC51	2.70	G5								0.20

Pacific Russet

Early maturing, oblong russet.
Primary Use: Fresh market and processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Price Farms Certified Seed, LLC	24064PAC41	3.61	G4		0.20						
	24064PAC42	47.40	G4		0.23			0.04	0.02		0.04
Salazar Seed	24180PAC21	0.80	G2								
	24180PAC31	11.10	G3								

Purple Majesty^^

Early maturing, oblong, purple skin, purple flesh.
Primary Use: Fresh and specialty markets.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122MAJ41	9.75	G4						0.20		

Purple Viking

Medium maturing, round, purple skin, white flesh.
Primary Use: Specialty market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122PVK41	2.10	G4								

Rainier Russet^^

Medium to late maturing, oblong russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Zapata Seed Company	24106RAI21	2.10	G2								

T- Trace (less than 0.1%); blank space indicates NONE OBSERVED during inspection.

Red Thumb

Early to medium maturing, red skin, pink flesh fingerling.
Primary Use: Specialty market.

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122RTM21	0.35	G2								
	24122RTM31	0.94	G3								
	24122RTM41	0.85	G4								

Reveille Russet^^

Early to medium maturing, oblong russet
Primary Use: Fresh market

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Brent Harrison	24144REV51	38.00	G5		0.50						
Martinez Farms	24028REV21	20.90	G2		0.05						
	24028REV51	29.00	G5		0.53						
	24028REV52	29.00	G5		0.47						
	24028REV53	30.00	G5		1.10						
	24028REV54	30.00	G5		1.13						
	24028REV55	30.00	G5		1.27						
	24028REV56	30.00	G5		1.30						
Palmgren Farms, Inc.	24198REV41	18.00	G4								
	24198REV42	26.00	G4								
	24198REV51	24.00	G5		0.79						
Price Farms Certified Seed, LLC	24064REV41	12.50	G4		0.69				0.08		
	24064REV42	60.00	G4		0.22	0.02					
	24064REV43	60.00	G4		0.18				0.02		
	24064REV44	38.50	G4		0.36				0.03		0.08
Pro Seed	24218REV21	7.60	G2		0.10						
	24218REV41	41.80	G4		0.45						
Salazar Seed	24180REV21	3.30	G2								
	24180REV31	86.40	G3		0.11				0.02		
	24180REV41	45.30	G4		0.20						
San Acacio Seed	24225REV21	0.90	G2		0.10						
	24225REV22	3.30	G2								
	24225REV23	1.10	G2								
	24225REV31	69.90	G3		0.20	0.04					
	24225REV41	106.20	G4		0.12	0.01	0.09		0.03		

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Reveille Russet^^ (Continued)

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Worley Family Farms, LLC	24031REV31	42.00	G3		0.14						0.02
	24031REV32	42.00	G3		0.24						
	24031REV41	16.40	G4		0.35						
	24031REV42	16.40	G4		0.12					0.12	
	24031REV43	28.75	G4		0.14						
	24031REV44	28.75	G4		0.07						0.03
	24031REV45	28.75	G4		0.03						
	24031REV46	28.75	G4		0.10						

Rio Grande Russet^^

Medium to late maturing, oblong russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Price Farms Certified Seed, LLC	24064RIO41	60.00	G4		0.37				0.02		0.05
Salazar Seed	24180RIO21	0.40	G2								
	24180RIO31	7.30	G3								

Rocky Mountain Russet^^

Late maturing, long russet.
Primary Use: Fresh market and processing.

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122RMR21	0.25	G2								0.10
	24122RMR31	2.54	G3								
	24122RMR41	1.65	G4								

ROSAN

Medium maturing, oval red skin, yellow flesh
Primary Use: Specialty market.

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122RON21	0.30	G2								

Rosemara

Early to medium maturing, oval, red skin, cream flesh.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Worley Family Farms, LLC	24031RMA31	3.78	G3				0.10		T		
	24031RMA32	2.40	G3								

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Russet Norkotah

Early maturing, long russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Genera-tion	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Flat Top Seed, LLC	24164NOR31	17.00	G3			0.06			0.06		
	24164NOR32	1.50	G3			0.20					
H & H Farms	24163NOR41	57.00	G4						0.05		2.92
	24163NOR42	58.00	G4				0.20				2.80
La Rue Farms, Inc.	24025NOR41	4.00	G4								3.80

Russet Norkotah Selection 223

Early to medium maturing, long russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Genera-tion	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Flat Top Seed, LLC	24164N2331	47.50	G3		0.02						
	24164N2332	18.50	G3								
	24164N2333	44.00	G3		0.18		0.02				
La Rue Farms, Inc.	24025N2331	33.00	G3		0.03						0.03

Russet Norkotah Selection 278

Early to medium maturing, long russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Genera-tion	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Brent Harrison	24144N7851	16.00	G5								
	24144N7852	22.00	G5		0.77						
Flat Top Seed, LLC	24164N7831	16.30	G3								0.06
Palmgren Farms, Inc.	24198N7831	20.00	G3								0.10
Price Farms Certified Seed, LLC	24064N7831	24.45	G3		0.20						
	24064N7841	59.00	G4		0.53						
	24064N7842	61.00	G4		0.54					0.02	
	24064N7843	8.60	G4		0.30						
Pro Seed	24218N7821	2.10	G3		0.30						
	24218N7841	61.80	G4		0.24						
	24218N7842	120.00	G4								
Salazar Seed	24180N7821	7.50	G2								
	24180N7831	30.10	G3		0.10						
San Acacio Seed	24225N7821	0.90	G2								
	24225N7831	9.80	G3		0.20						
	24225N7841	14.20	G4		0.33						
	24225N7842	13.20	G4		0.43		0.14				
	24225N7843	28.60	G4		0.21						

T- Trace (less than 0.1%); blank space indicates NONE OBSERVED during inspection.

Russet Norkotah Selection 296^^

Early to medium maturing, long russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Flat Top Seed, LLC	24164N9631	15.40	G3				0.06				0.31
La Rue Farms, Inc.	24025N9641	58.00	G4		0.87					0.02	1.80
	24025N9642	23.00	G4		1.35						0.22
	24025N9643	58.00	G4		0.62						0.32
Palmgren Farms, Inc.	24198N9631	25.00	G3								3.00
	24198N9641	27.00	G4		0.04						
	24198N9651	5.00	G5		0.50						0.20
	24198N9652	10.00	G5		0.70						0.20
Salazar Seed	24180N9621	5.60	G2								
	24180N9622	1.90	G2								
	24180N9631	37.40	G3		0.13		0.05		0.05		
San Acacio Seed	24225N9621	0.90	G2		0.10						
	24225N9631	8.70	G3		0.40						
	24225N9641	109.00	G4								
	24225N9642	9.00	G4		0.30						
Zapata Seed Company	24106N9641	18.80	G4								

Russet Norkotah Selection 3

Early to medium maturing, long russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Flat Top Seed, LLC	24164NK331	16.40	G3								
	24164NK332	15.40	G3								
H & H Farms	24163NK341	62.00	G4		0.10		0.02			0.02	0.05
	24163NK342	62.00	G4		0.53					0.02	0.02
Palmgren Farms, Inc.	24198NK341	60.00	G4		0.12					0.02	
Pro Seed	24218NK341	16.80	G4		0.94						0.24
	24218NK342	60.00	G4		0.73						0.12
Salazar Seed	24180NK321	2.20	G2								
	24180NK331	37.30	G3		0.11						
San Acacio Seed	24225NK321	0.90	G2		0.10						
	24225NK331	5.00	G3		0.10						
	24225NK341	104.20	G4		0.96						

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Russet Norkotah Selection 8

Early to medium maturing, long russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Salazar Seed	24180NK831	12.10	G3		0.15						
	24180NK841	31.30	G4		0.19						

Salinero^^

Medium to late maturing, round to oval, yellow skin, yellow flesh
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Worley Family Farms, LLC	24031SLN51	12.83	G5		0.54						0.08

Sangre

Early to medium maturing, oblong, red skin, white flesh.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122SAN41	1.60	G4								
	24122SAN42	2.10	G4						0.10		

Satina

Early to medium maturing, oval, yellow skin, yellow flesh.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Price Farms Certified Seed, LLC	24064SAT41	22.40	G4								
Salazar Seed	24180SAT21	3.70	G2								
	24180SAT31	31.95	G3								

Soraya^^

Late maturing, round, yellow skin, yellow flesh.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Price Farms Certified Seed, LLC	24064SOR41	56.26	G4				0.05				
Pro Seed	24218SOR21	8.40	G2				T				
	24218SOR61	9.80	G6								
	24218SOR62	58.80	G6				0.03				0.42
	24218SOR63	60.00	G6								0.90
Salazar Seed	24180SOR31	4.30	G3				0.10				
	24180SOR32	13.50	G3								
	24180SOR33	7.20	G3								

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Soraya^^ (Continued)

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
San Acacio Seed	24225SOR21	0.60	G2								
	24225SOR31	11.00	G3								0.18
	24225SOR41	43.00	G4			0.05					2.14
Worley Family Farms, LLC	24031SOR21	11.20	G2								
Zapata Seed Company	24106SOR21	11.00	G2								
	24106SOR31	51.10	G3				0.02				0.13

Teton Russet^^

Early maturing, oblong russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Bothell Seed, LLC	24151TET21	2.70	G2		0.10						
	24151TET31	37.20	G3		0.03						
	24151TET41	61.10	G4		0.17						
	24151TET42	61.00	G4		0.08		0.03				
	24151TET43	60.80	G4		0.10						
	24151TET44	58.40	G4		0.33	0.02					
	24151TET45	58.90	G4		0.13				0.03		

Vanguard Russet^^

Medium maturing, oblong russet
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
San Acacio Seed	24225VGR21	2.30	G2								
Worley Family Farms, LLC	24031VGR31	16.17	G3		0.76						

Vista Gold^^

Early to medium maturing, oval, white skin, yellow flesh.
Primary Use: Fresh and specialty market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	24122VGD21	0.25	G2								0.10
	24122VGD31	2.90	G3								

Waneta^^

Late maturing, oblong, white skin, white flesh.
Primary Use: Processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Allied Potato Colorado, Inc.	24008WAN41	35.00	G4						0.06		

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Yukon Gold

Early to medium maturing, oval yellow.
Primary Use: Fresh market and processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Martinez Farms	24028YUK41	59.00	G4		1.50						
	24028YUK42	59.00	G4		1.00						
Rockey Farms, LLC	24122YUK41	1.13	G4		0.87						

AC10376-1W/Y^^

Medium maturing, Oval white skin, yellow flesh.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
SLV Research Center	2404418A31	2.50	EXP2G3		0.20						

AC13126-1Wadg^^

Medium maturing, oval, white skin, white flesh
Primary Use: Processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
SLV Research Center	2404422A81	0.10	EXP2-1		0.10						

CO05028-4P/PY^^

Medium maturing, oblong, purple skin, purple/yellow flesh.
Primary Use: Specialty market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
SLV Research Center	2404414D21	0.24	EXP2G2								
	2404414D31	1.60	EXP2G3								

CO05037-2R/Y^^

Medium maturing, Round red skin, yellow flesh.
Primary Use: Specialty market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
SLV Research Center	2404413D41	0.60	EXP2G4		0.20						

CO09128-3W/Y^^

Early to medium maturing, oval, white skin, yellow flesh.
Primary Use: Fresh and specialty markets.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
SLV Research Center	2404417G51	2.40	EXP2G5		0.40						

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CO11009-3RU^^

Medium maturing, long russet.
Primary Use: Fresh market and processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
SLV Research Center	2404418S31	0.10	EXP2G3								
	2404418S81	1.80	EXP2-4		0.10						

CO12293-1W^^

Late maturing, round, white skin, white flesh.
Primary Use: Processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
SLV Research Center	2404419J21	0.12	EXP2G3		0.60						

CO12378-1RU^^

Medium maturing, oblong russet.
Primary Use: Fresh market and processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
SLV Research Center	2404419L21	0.25	EXP2G2								
	2404419L31	1.60	EXP2G3								

CO13003-1RU^^

Medium maturing, oblong russet.
Primary Use: Fresh market.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
SLV Research Center	2404421D81	2.00	EXP2-2						0.20		

CO97232-2R/Y^^

Early to medium maturing, oval red skin, yellow flesh.
Primary Use: Fresh, specialty and processing.

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	2412205N21	0.38	EXP2G2								
	2412205N41	1.73	EXP2G4		0.10						0.80
	2412205N51	3.01	EXP2G5		0.10						

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APPENDIX
TAGS, BULK CERTIFICATES, SEALS

- a. No potatoes are recognized as officially certified unless properly tagged or identified with a bulk certificate. Illegal use of tags or bulk certificates will be prosecuted.
- b. Tags or bulk certificates will be issued only to the applicant or his agent. **NO MUTILATION OF TAGS OR BULK CERTIFICATES, BY WRITING OR MARKING OVER, OR OTHERWISE ALTERING ORIGINAL INFORMATION PRINTED THEREON, WILL BE PERMITTED.** The responsibility of proper use of tags and bulk certificates are placed on the person (Certified Seed Producer) to whom such articles have been issued.
- c. A metal seal shall be placed on the conveyance doors of bulk shipment containers identified by a bulk certificate.
- d. Special permission may be granted by the CPCS to imprint a duplicate image of an official Colorado Certified Tag on a small plastic bag (3 lbs. to 10 lbs.) to be used for marketing small quantities of certified seed potatoes. The art work layout must be approved by the Potato Certification Service prior to printing. Information normally printed on the Colorado seed tag (i.e., seed grower's name, cultivar, crop year, lot number, and maximum tuber size) will be printed on the bag in order that the reader can readily identify the seed source. One completed copy of a bag bearing all of the above mentioned information related to a given shipment must be filed with the Potato Certification Service. All such shipments must comply with designated grade inspection requirements. A bulk certificate will accompany each load.

GRADES AND GRADE INSPECTION

- a. All Certified Seed Potatoes must be graded to conform with the Colorado standard grades and sizes for seed potatoes unless a signed waiver of grade inspection has been obtained from the purchaser as outlined in Section 14-d or an exemption has been obtained from the CO PCS as outlined in Section 14-h.
- b. All seed potatoes must be shipped under tags or bulk certificates that represent the grade to which they have been sorted. Potatoes failing to meet the grade specified on the tag or bulk certificate will be; (1) resorted to meet the grade requirements, (2) re-tagged with new tags or re-issued a new bulk certificate representative of the grade of the potatoes, or (3) the tags must be removed.
- c. All shipments must be inspected by a Federal/State Inspector at the time of shipment. The Federal/State Inspection Service is responsible for inspecting seed shipments to verify that proper grade standards have been met. If a "zero tolerance" disease such as bacterial ring rot or root knot nematode is suspected or any other condition which may disqualify a seed lot from certification is discovered during the inspection, the Potato Certification Service will be notified by the seed grower and suspect tubers submitted to the Potato Certification Service so additional procedures can be implemented to identify and confirm the true nature of the problem. Upon confirmation of a "zero tolerance" disease or pest, the remaining portion of the affected lot will be rejected from certification and it will be the responsibility of the seed grower to notify all recipients of the previous shipments of the lot of the finding of a "zero tolerance" disease or pest.
- d. Seed cut prior to shipment must be accompanied by a signed cut seed disclaimer and waiver, and an official tag or bulk certificate indicating that the seed potatoes are "CUT SEED."
- e. Each lot sold within a Marketing Order Area shall be inspected by a Federal/State Inspector.
- f. All Certified Seed Potatoes marketed in bags and carrying a tag must meet the highest grade requirements indicated by either the bag or the colored tag. U.S. No. 1 Seed Grade is not strictly a U.S. No. 1 grade, and may not be marketed in bags branded as U.S. No. 1.
- g. All Certified Seed Potatoes exported outside of the U.S. shall meet the U.S. EXPORT "SEED POTATOES" standards for the given class being shipped.
- h. Certified Seed Potatoes marketed expressly for use as garden seed and shipped in quantities less than 24 cwt per cultivar or clone within the same load shall be exempt from Federal/State grade inspection. However, an 'inspection exemption for certified seed potatoes' shall be obtained from the CO PCS verifying the load as containing less than 24 cwt per cultivar, and a waiver of grade inspection must be secured from the purchaser at the time of delivery or acceptance.

Colorado Blue Tag Grade shall consist of potatoes which meet the requirements of the disease tolerances and grade standards previously listed for **CERTIFIED SEED POTATOES**. In addition, they shall be graded to conform with the U.S. No. 1 Seed Potatoes Grade as defined under U.S. Standards for Grades of Seed Potatoes with the following exceptions:

1. Not more than 1% of the potatoes shall be damaged by dry rot.
2. Size shall be 1-1/2" to 12 oz., size is not required on the tag, a smaller maximum however, will be specified on the tag or bulk certificate.
3. Not more than 3% of the potatoes in any lot may be below the specified size and, in addition, not more than 8% may be above the specified size.
4. Physiological internal pigmentation shall not be considered a grade factor.

Colorado Yellow Tag Grade shall consist of potatoes which meet the requirements of the disease tolerances and grade standards previously listed for **CERTIFIED SEED POTATOES**. This grade is intended to provide the buyer and seller an opportunity to establish certain mutually agreed upon specifications not allowed in the Colorado Blue Tag Grade. The potatoes must be graded to conform with the U.S. No. 1 Seed Potatoes Grade as defined under U.S. Standards for Grades of Seed Potatoes with the following exceptions:

1. Soft rot shall not exceed 1%.
2. Tuber size shall be specified on the tag or bulk certificate. Tolerances for specified size limits: Not more than 3% of the potatoes in any lot may be below the stated minimum and, in addition, not more than 10% may be above the stated maximum.
3. Tubers shall not be seriously damaged by external defects, or seriously misshapen unless otherwise specified, and shall meet the tolerances for a U.S. No. 1 Seed Potato Grade.
4. Physiological internal pigmentation shall not be considered a grade factor.
5. There will be no requirements for sprouts.

Applications of Tolerances: The application of grade and size tolerances shall be as outlined in the United States Standards for Potatoes, Section 51.3003.

U.S. Export "Seed Potatoes" shall consist of potatoes which meet the requirements, disease tolerances and grade standards for international export as listed under the **U.S. EXPORT STANDARDS FOR SEED POTATOES**; Appendix P, USDA Export Certification Manual; 3/99.

Requirements for Experimental and New Cultivars

- A. *Description:* The Memorandum of Understanding between the Colorado Certified Potato Growers' Association and the Board of Governors of the CSU System authorizes the Potato Certification Service to "cooperate with the Experiment Station in increasing and releasing new varieties of potatoes developed by the Experiment Station," thus it becomes necessary to develop acceptable guidelines for conducting the testing and seed increase program. In this respect, it is important to acknowledge the unavoidable limitations to the visual inspection process encountered when the disease symptom expression of any potato clone is unknown at the time a seed grower would like to enter it for certification. Therefore, the Experimental Seed category was established to expedite and facilitate field testing of numbered potato clones being considered for naming and official release.
- B. *Two categories of Experimental Seed were established:*
 1. Category 1 (labeled EXP1) will include only unnamed "Seedling" potato clones involved in the field testing phase of a potato cultivar development program on which bacterial ring rot symptom expression is unknown. Seed stocks of such clones will not be eligible for certified tags or bulk certificates, nor will they be listed in the Seed Directory. Field plantings of such clones will be inspected, and a written report submitted to the Leader of the Cultivar Development Program. When adequate field test data on disease expression and other performance characteristics has been collected to justify further evaluation on seed growers'

farms, any given clone may be transferred to Category 2 of the Experimental Seed category. This decision will be made jointly by the Leader of the Cultivar Development Program, the Potato Certification Service, and the Seed Improvement Committee of the Colorado Certified Potato Growers' Association.

2. Category 2 (labeled EXP2) seed lots will include only unnamed "Seedling" clones whose symptom expression of bacterial ring rot is known to be adequate under Colorado field conditions. In the case where bacterial ring rot expression is unknown, a tuber sample is required to be tested for bacterial ring rot using both ELISA and PCR (testing protocol described on pg. 8, 15.a.) and is to be submitted to the PCS Disease Testing Lab. Sample size will be based on PHT sample size (pg 9, 16.c.). Such seed lots will be eligible for entry into the certification program on the following basis: There will be three years production allowed for Experimental Seed - Non-Generation Category 2 stocks. At the end of three years, the status of these stocks will be reviewed and, where possible, these stocks will be phased out and replaced with Limited Generation seed sources. If this is not possible, an annual review will be conducted to verify the status of the stocks. This decision will be made jointly by the Leader of the Cultivar Development Program, the Potato Certification Service, and the Potato Cultivar Management Committee (as outlined in the "Potato Cultivar Research and Improvement Agreement" between CSU, CCPGA, & CSURF). Non-Generation Category 2 seed lots will be inspected and classified according to the disease tolerances and all of the applicable Rules and Regulations established for Generation 6. All stocks which meet the criteria for certification will be listed in the Seed Directory. The symbols "Exp 2-" followed by a number designating the years in the field after initial release (i.e., Exp 2-1, Exp 2-2, etc.) will be printed both in the Seed Directory and on tags and bulk certificates.
 3. Limited Generation sources of these stocks will carry the same designations with the exception that the symbols after "Exp 2-" will reflect their status from the Limited Generation program, (i.e., Exp 2-G1, Exp 2-G2, etc.). Limited Generation stocks will be inspected and classified according to the disease tolerances and all of the applicable Rules and Regulations established for Limited Generation Seed. Because of the limited knowledge concerning potential disease reactions, and/or other problems in these seed stocks, the seed seller must obtain and submit to the Potato Certification Service an affidavit signed by the seed buyer prior to seed shipment which states that the buyer is willing to accept the risks involved with purchasing experimental seed. This affidavit or its equivalent will be kept with the tag or bulk certificate order in the grower's Potato Certification Service file. Also, it is understood that experimental seed stocks may be rejected at any time due to uncommon disease reactions.
- C. Any seed grower/organization entering numbered potato selections for seed increase and evaluation in the potato certification program also agrees to abide by an agreement with the Colorado State University Agricultural Experiment Station, or to obtain written authorization from the potato breeding program from which the numbered potato selections originate. The CSU agreement "Notice to Receivers of Experimental Potato Selections" consists in part of the following:
1. *Colorado State University Agrees to:*
 - i. Supply seed stocks or grant permission to utilize these stocks for further propagation and evaluation to the grower applicant.
 - ii. The term of this agreement will be for a one-year period beginning upon seed grower/organization receipt of the numbered stocks.

2. *By Acceptance of Such Potatoes, The Seed Grower/Organization Agrees to:*
 - i. Enter crop for certification. These stocks will be grown in accordance with the Rules and Regulations of the seed potato certification program for the appropriate seed level using generally accepted cultural practices.
 - ii. Furnish land and labor, and meet all expenses involved in production and certification of the crop.
 - iii. Permit representatives of the University to make observations and to obtain samples if desired.
 - iv. Not to further propagate or distribute seed stocks of this (these) selections for propagation beyond the terms of this agreement unless authorized by the University.
 - v. Dispose of any numbered selection discarded from the Potato Cultivar Development Program. These stocks will not be eligible for entrance in any seed potato certification program unless authorized by the University.
 - vi. Special disposition instructions: As directed by Cultivar Development Program Leader.
 - vii. A meeting between the Seed Grower(s)/Organization Representative(s), the Potato Cultivar Management Committee, the Potato Certification Service, and the Project Leader of the Potato Cultivar Development Program prior to January 1st to establish guidelines on price and method of distribution of seed.
 - viii. Not hold the University or its representatives financially liable for losses incurred as a result of production and/or disposition of this seed.

3. *It is Mutually Agreed:*
 - i. The proceeds from the crop produced under this agreement shall be the property of the Seed Grower/Organization that submitted the stocks for certification.
 - ii. That information derived from these evaluations shall be jointly shared by the parties to this agreement.
 - iii. That the selections may be legally protected under the federal Plant Variety Protection Act or other mechanisms that may require royalty payments before being grown commercially.

LIMITED GENERATION CERTIFIED SEED POTATOES

Field Planting Equivalency Table¹

Agency	YEAR IN THE FIELD ^{2,3}							
	1	2	3	4	5	6	7	8
Alaska	G1	G2	G3	G4	G5	G6	G7	G8
California	G1	G2	G3	G4	G5	----	----	----
Colorado	G1	G2	G3	G4	G5	G6	----	----
Idaho ⁵	FY1	FY2	FY3	FY4	FY5	FY6	FY7	----
Maine ⁵	FY1	FY2	FY3	FY4	FY5	----	----	----
Michigan ⁵	FY1	FY2	FY3	FY4	FY5	FY6	----	----
Minnesota	G1	G2	G3	G4	G5	G6	C	----
Montana	N	G1	G2	G3	G4	G5	----	----
Nebraska/Wyoming ⁵	FY1	FY2	FY3	FY4	FY5	FY6	----	----
Nevada	N	G1	G2	G3	G4	G5	----	----
New York ⁴	(U)G1	(U)G2	(U)G3	G4	G5	G6	----	----
North Dakota ⁵	FY1	FY2	FY3	FY4	FY5	FY6	C	----
Oregon ⁵	FY1	FY2	FY3	FY4	FY5	FY6	----	----
Utah	N(G1)	G2	G3	G4	G5	G6	----	----
Washington	N	G1	G2	G3	G4	G5	----	----
Wisconsin ⁶	FY1	FY2	FY3	FY4	FY5	FY6	C	----
Canada	PE	E1	E2	E3	E4	F	C	----

¹The purpose of this table is to express equivalency of terms used by various certification agencies for seed potatoes harvested from a series of successive field plantings. For specific criteria relating to disease tolerances and other requirements, the reader is referred to the certification regulations of the agency in question.

²The first field planting utilizes laboratory-tested stocks which may be tissue-cultured plantlets, greenhouse-produced minitubers, stem cuttings, or line selections. Contact agencies for details as to types of stocks planted in their programs.

³Terms used by agency for seed potatoes for a particular year in the field: C = certified, E = elite, F = foundation, G = generation, N = nuclear, PE = pre-elite.

⁴If lots originate at Cornell-Uihlein Farm, the first three generations (G1-G3) are also designated by a (U) to denote source.

⁵FY = Field Year

⁶FY = Foundation Year

Prepared by the Certification Section of the Potato Association of America.

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