

Colorado Potato Certification Service



2023
COLORADO CERTIFIED SEED POTATOES
CROP DIRECTORY
and
FIELD INSPECTION READINGS



San Luis Valley Research Center
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www.potatoes.colostate.edu/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 RULES AND REGULATIONS FOR COLORADO CERTIFIED SEED POTATOES, AS INCORPORATED HEREIN, HAVE BEEN PROMULGATED BY THE BOARD OF GOVERNORS OF THE CSU SYSTEM PURSUANT TO LEGISLATION ENACTED BY THE COLORADO GENERAL ASSEMBLY, AS INCORPORATED IN SESSION LAWS, 1929, CHAPTER 59, PAGE 188, AND SESSION LAWS, 1933, CHAPTER 25, PAGE 173.

SINCE THE USE, CROP, YIELDS, OR QUALITY OF CERTIFIED SEED POTATOES IS BEYOND THE CONTROL OF THE PRODUCER, THE SELLER, THE INSPECTOR, OR THE BOARD OF GOVERNORS OF THE CSU SYSTEM, NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, WHICH EXTENDS BEYOND THE DESCRIPTION ON TAG OR BULK CERTIFICATE IS MADE CONCERNING THE PERFORMANCE OR QUALITY OF THESE SEED POTATOES. BY ACCEPTANCE OF THESE SEED POTATOES, BUYER EXPRESSLY AGREES THAT ITS EXCLUSIVE REMEDY FOR BREACH OF ANY WARRANTY SHALL BE LIMITED IN ALL EVENTS TO A RETURN OF THE PURCHASE PRICE OF THE SEED.

*“By law and purpose, the Colorado State
University Cooperative Extension Service
is dedicated to serve all people on an
equal and nondiscriminatory basis.”*

THE POTATO CERTIFICATION SERVICE (PCS) SINCERELY HOPES THE 2023 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

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PCS ADVISORY COUNCIL

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Amy Charkowski	CSU representative
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Jessica Chitwood-Brown	CSU representative

2023 CERTIFIED SEED POTATO DIRECTORY

Listed are those growers with potatoes produced for the 2023 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

Lab and/or Greenhouse Production

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

Field Production

- | | |
|--------|--|
| 1 (G1) | First year of field production (planting from nuclear stocks) |
| 2 (G2) | Second year (G1 planting) |
| 3 (G3) | Third year (G2 planting) |
| 4 (G4) | Fourth year (G3 planting) |
| 5 (G5) | Fifth year (G4 planting) |
| 6 (G6) | Last year of field production (G5 planting). G6 stocks cannot be re-entered for certification. |

Non-Generation Certified (NGC)

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.

Experimental (EXP)

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 “**23028ATL41**” consists of...

- 23** = 2023: 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.

2023 Certified Seed Growers

Allied Potato Colorado, Inc.

Brian Kirshenmann 719-754-3613
 53943 County Rd. B 661-747-7901 mo
 Center, CO 81125 719-754-2529 fax
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Bothell Seed, LLC

Eric Bothell 719-754-3686
 3527 West Rd. 8 N. 719-588-3686
 Center, CO 81125 719-754-3686 fax
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CSS Farms, LLC

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

Flat Top Farms

Bruce Heersink 719-852-2706
 1509 East Rd. 4 North 719-588-1737
 Monte Vista, CO 8114 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
www.certseedpotato.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@pricefarmslc.com
andrew@pricefarmslc.com
www.pricefarmslc.com

Pro Seed

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

Rockey Farms, LLC

Sheldon Rockey 719-754-3744
 Brendon Rockey 719-588-5726
 48444 County Rd. C 719-588-4383
 Center, CO 81125 719-754-3702 fax
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Salazar Seed

LeRoy Salazar 719-376-5412
 PO Box 296 719-588-0131
 Manassa, CO 81141 719-376-5462 fax
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San Acacio Seed

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 Amanda Wakasugi 719-588-1023
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SLV Research Center

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Summit Plant Laboratories, Inc.

800-654-1017
 Tom Smith 970-224-2021
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 Ft Collins, CO 80521
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Worley Family Farms, LLC

719-852-4097
 Bob Mattive 719-850-1782
 Grant Mattive 970-219-2922
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 Matt Smartt 719-850-1580
 2468 East County Rd 3 E 719-852-5550 fax
 Monte Vista, CO 81144
worleyseed@gmail.com

Zapata Seed Company

719-754-9048
 Brian Brownell 719 588-3325
 Anna Brownell 719-588-3541
 Patrick Brownell 719-588-0203
 10539 North 104 Rd. 719-754-2592 fax
 Hooper, CO 81136
sales@zapataseedcompany.com
www.zapataseedcompany.com

2023 Cultivar Acreage Summary

Cultivar	G1	G2	G3	G4	G5	G6	EXP¹	Total
08.6735.1		0.75						0.75
AAC Canada Gold-Doree^^	0.04	0.37						0.41
AC10376-1W/Y^^	0.07	0.74	2.27	2.09				5.17
AC11494-6W^^	0.07							0.07
AC12090-3RU^^	0.07						2.14	2.21
AC13125-5W^^							0.11	0.11
AC13126-1Wadg^^							0.55	0.55
AC99330-1P/Y^^	0.12	0.3	1.28	0.7				2.40
Actrice	0.25	1.77	9.8		6.9			18.72
Alegria^^	2.1	17.1	205.4	4				228.60
All Blue	0.07							0.07
AmaRosa^^	0.06	0.63		5.39				6.08
Atlantic	3			102				105.00
Austrian Crescent	0.23	1.76	12.8	90				104.79
Autumn Rose^^				14.91	15.62	59.9		90.43
Baltic Rose^^	0.04	0.46	6.66					7.16
Banana				8				8.00
Bintje	0.03	0.4		1.1				1.53
CalWhite	0.6							0.60
Canela Russet^^	2.56	6.87	30.1	243.1	59.9	138.5		481.03
Caribou Russet^^	0.58							0.58
Carola	0.07	0.43	1.65					2.15
Castle Russet^^	1.58	16.66	107.77	23				149.01
Centennial Russet	1.75	21.92	73.7	209.1	97	30		433.47
Cerisa^^				28.3				28.30
Chieftain	0.86							0.86
Chipeta	0.7							0.70
Christel	0.65	0.49						1.14
Ciklamen	0.99	3.01	24	32.6	117.2			177.80
Classic Russet^^	0.23	1.5	16.1	56.1				73.93
Clearwater Russet^^	2.27	31	33					66.27
CO00415-1RF^^	0.14							0.14
CO04056-3P/PW^^	0.07							0.07
CO05028-4P/PY^^	0.07	0.18	0.25	0.6				1.10
CO05037-2R/Y^^			0.87	0.97				1.84
CO05037-3W/Y^^	0.07	0.32						0.39
CO08037-2P/P^^	0.04							0.04
CO08062-3PF/P^^	0.16							0.16
CO09128-3W/Y^^	0.07	0.26		1.28				1.61
CO10064-1W/Y^^	0.07	0.25						0.32
CO10085-1RU^^	0.07		1.22					1.29
CO10087-4RU^^	0.07	0.41	1.21					1.69
CO10091-1RU^^	0.07	0.31		13				13.38

2023 Cultivar Acreage Summary

Cultivar	G1	G2	G3	G4	G5	G6	EXP¹	Total
CO10098-5W/Y^^	0.07							0.07
CO11009-3RU^^	0.07	0.22					1.9	2.19
CO11023-2W^^	0.07							0.07
CO11250-1W/Y^^	0.07	0.24						0.31
CO11266-1W/Y^^		0.3						0.30
CO12235-3W^^	0.07							0.07
CO12293-1W^^	0.07							0.07
CO12378-1RU^^	0.07	0.23					2.12	2.42
CO13003-1RU^^	0.07						0.89	0.96
CO13232-25W^^	0.07							0.07
CO15016-1RUsto^^							0.11	0.11
CO15084-4R^^							0.11	0.11
CO97232-2R/Y^^	0.36		1.21	1.3				2.87
CO99076-6R^^	0.07							0.07
Colomba^^	0.77	16.11		38.4				55.28
Colorado Rose^^	0.38	2.19	11.9					14.47
Columbine Gold^^	0.07			3.4				3.47
Crimson King^^	0.18	0.21	0.15					0.54
Desiree	0.1	0.38	0.48	9				9.96
Fenway Red^^	0.84	3.3	32.8	25.8	29.5			92.24
Floridana^^					0.05			0.05
French Fingerling				3.34				3.34
German Butterball				1.4				1.40
Golden Globe^^	0.1							0.10
Jule	0.12							0.12
Kennebec	0.04	0.19						0.23
Lady Liberty^^			17.92					17.92
Lamoka^^	2.9			29.55				32.45
LaRatte	0.19	0.87	7.75	59.8	87.4	28		184.01
Magic Molly	0.04	0.36						0.40
Magic Myrna	0.04							0.04
MALOU	0.05							0.05
Masquerade^^	0.09	0.41	2.14	0.81				3.45
Mesa Russet^^	2.13	15.08	15.5					32.71
Miscellaneous	5.57		45	184			21.86	256.43
Modoc^^	0.82	0.61	32	41.26				74.69
MONTANA^^					0.05			0.05
Mountain Gem Russet^^	1.04		35					36.04
Mountain Rose^^		0.06						0.06
Mozart^^	0.09	1.47	5					6.56
Nicola	0.08	0.2	1.23	2.1				3.61
Pacific Russet	0.11	1.43	12.3					13.84
Penni				112.8				112.80

2023 Cultivar Acreage Summary

Cultivar	G1	G2	G3	G4	G5	G6	EXP¹	Total
Purple Majesty^^	0.07			22.18				22.25
Purple Viking				4.08				4.08
Rainier Russet^^	0.54							0.54
Red Gold			0.4	0.75				1.15
Red Prairie^^					24.2			24.20
Red Thumb	0.08	0.15	1.68					1.91
Reveille Russet^^	10.24	50.17	80.43	543.3	61.5	105		850.64
Rickey Russet				26.6	98.5			125.10
Rio Grande Russet^^	0.08	1	11.4					12.48
Rocky Mountain Russet^^	0.1	0.29	4.04					4.43
Roko					32.3			32.30
ROSAN	0.05							0.05
Rosemara		0.57	6.96					7.53
Russet Burbank	0.07							0.07
Russet Norkotah	0.07		17					17.07
Russet Norkotah 112^^				22.1				22.10
Russet Norkotah 223^^		15						15.00
Russet Norkotah 278^^	1.08	23.18	90.56	525.6		91.7		732.12
Russet Norkotah 296^^	7.94	21.65	139.84	200.6		154.7		524.73
Russet Norkotah 3	4.51	5.93	105.9	106.2		71.2		293.74
Russet Norkotah 8	0.24	1.16	62.7	117.5	40	100		321.60
Salinero^^				12.77				12.77
Sangre				4.95	1.7			6.65
Sangre 10	0.07							0.07
Satina^^	2.13	4.55	11.2	24.5				42.38
Sifra^^					101.3			101.30
Soraya^^	3.91	22.26	166	119	17.9	145.9		474.97
Tacoma^^	0.88	10	16					26.88
Teton Russet^^	0.27	2.7	25.4	239.8				268.17
Vanguard Russet^^	3.36	2.6						5.96
Vista Gold^^	0.03	1.11		2.25				3.39
Waneta^^	6.047							6.05
Wendy^^				6.2				6.20
Yellow Finn	0.04			1.9				1.94
Yukon Gold	2.02	29	147	15				193.02
	80.53	343.07	1634.97	3344.48	791.02	924.90	29.79	7148.76

Percentage of Total Acreage: 0.01 0.04 0.23 0.47 0.11 0.13 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 12-29 for seed eligible for sale based on summer inspections.

EXP¹ - 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 2023 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 2023 crop to date.

Allied Colorado Potato

Atlantic, Brodie, Chipeta, Clearwater Russet, Lamoka, Tebina, Waneta.

CSS Farms

05 6556.1, 08 6840.1, 907-15, A07769-4, AF5071-2, Alturas, AO71012-4BF, Atlantic, Ayla, Baltic Rose, Caribou Russet, Ciklamen, CO11009-3RU, Colomba, Colorado Rose, CWO8221-5RUS, Dakota Russet, Fenway Red, Gala, Gala Line 2, Gala Line 3, Gerona, Goldrush, Hamlin, Huron Chipper, King Russet, LakeView Russet, Lamoka, Laona, LaRatte, Mackinaw, Mascha, Meister, Mesa Russet, Modoc, Mozart, NY177, Odett, OR12133-10, P103-1, Palace, Polly, Primus, Purple Majesty, Ranger Russet, Red Maria, Reveille Russet, Rickey Russet, Russet Burbank, Russet Norkotah 3, Russet Norkotah 8, Russet Norkotah 278, Russet Norkotah 296, Saphia, Satina, Silverton Russet, Snowden, Soraya, Umatilla Russet, Vanguard Russet, Vizelle, W13A11229-1RUS, W9426-3R/W.

Martinez Farms

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

San Luis Valley Research Center

AC03433-1W, AC05175-3P/Y, AC10376-1W/Y, AC11494-6W, AC12090-3RU, AC99330-1P/Y, All Blue, Atlantic, Austrian Crescent, Canela Russet, Centennial Russet, Chieftain, Chipeta, Clearwater Russet, CO00415-1RF, CO04056-3P/PW, CO05028-4P/PY, CO05037-3W/Y, CO05068-1RU, CO08062-3PF/P, CO09079-5PW/Y, CO09128-3W/Y, CO09128-5W/Y, CO09218-4W/Y, CO10064-1W/Y, CO10087-4RU, CO10091-1RU, CO10098-5W/Y, CO11009-3RU, CO11023-2W, CO11037-5W, CO11250-1W/Y, CO11266-1W/Y, CO12235-3W, CO12293-1W, CO12378-1RU, CO13003-1RU, CO13232-25W, CO99076-6R, Colorado Rose, Crimson King, CV96044-3, Goldrush, LaRatte, Masquerade, Mesa Russet, Modoc, Nicola, OR00061-4, ORAYT-9, Pirola, POR02PG26-5, Purple Majesty, Ranger Russet, Red LaSoda, Reveille Russet, Russet Burbank, Russet Norkotah, Russet Norkotah 278, Russet Norkotah 296, Sangre 10, Shepody, Skagit Valley Gold, Stampede Russet, W6002-1R, W6703-1Y, W8886-3R, Yukon Gold.

Summit Plant Labs Inc.

Alegria, Canela Russet, Centennial Russet, Christel, IPB 8343-5W/Y, IPB 8343-8W/Y, Rainier Russet, Red LaSoda Sel. 10, Reveille Russet, Rio Grande Russet, Russet Norkotah 3, Russet Norkotah 8, Russet Norkotah 223, Russet Norkotah 278, Russet Norkotah 296, Soraya.

Rockey Farms

AAC Canada Gold-Doree, AC99330-1P/Y, AmaRosa, Austrian Crescent, Baltic Rose, Bintje, Carola, CO05068-1RU, CO08062-3PF/P, CO97232-2R/Y, Crimson King, Desiree, Golden Globe, Kennebec, LaRatte, Magic Molly, Masquerade, Nicola, Red Thumb, Rocky Mountain Russet, Vista Gold, Yellow Finn.

Worley Family Farms, LLLP

Canela Russet, Caribou Russet, Castle Russet, Centennial Russet, Colomba, CO11009-3RU, CO13003-1RU, Mesa Russet, Reveille Russet, Vanguard Russet.

Zapata Seed Company

Alegria, Castle Russet, Mesa Russet, Modoc, Rainier Russet, Reveille Russet, Russet Norkotah 296, Soraya.

Pro Seed

Canela Russet, Centennial Russet, Chieftain, Reveille Russet, Russet Norkotah 3, Russet Norkotah 278, 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; CalWhite, 0.6; Chipeta, 0.7; Clearwater Russet, 1.53; Lamoka, 2.9; Tebina, 0.2; Waneta, 6.05.

Bothell Seed

Centennial Russet, 0.37; Classic Russet, 0.23; Teton Russet, 0.27.

Martinez Farms

Centennial Russet, 0.45; Christel, 0.65; Clearwater Russet, 0.74; Mountain Gem Russet, 1.04; Reveille Russet, 7.67; Russet Norkotah 296, 7.31; Russet Norkotah 3, 3.77; Tacoma, 0.88; Vanguard Russet, 2.3; Yukon Gold, 1.95.

Rockey Farms

AC99330-1P/Y, 0.05; CO08037-2P/P, 0.04; CO08062-3PF/P, 0.09; AAC Canada Gold-Doree, 0.04; AmaRosa, 0.05; Austrian Crescent, 0.16; Baltic Rose, 0.04; Bintje, 0.03; Carola, 0.07; CO97232-2R/Y, 0.04; Crimson King, 0.04; Desiree, 0.1; Golden Globe, 0.1; Kennebec, 0.04; LaRatte, 0.12; Magic Molly, 0.04; Magic Myrna, 0.04; Masquerade, 0.02; Nicola, 0.08; Red Thumb, 0.08; Rocky Mountain Russet, 0.03; ROSAN, 0.05; Vista Gold, 0.03; Yellow Finn, 0.04.

Pro Seed

Canela Russet, 1.6; Chieftain, 0.86; Reveille Russet, 1.05; Russet Norkotah 278, 0.33; Russet Norkotah 3, 0.2; Soraya, 0.86.

Salazar Seed

Actrice, 0.25; Canela Russet, 0.51; Centennial Russet, 0.14; Ciklamen, 0.99; Colorado Rose, 0.31; Fenway Red, 0.84; Jule, 0.12; Modoc, 0.25; Mozart, 0.09; Pacific Russet, 0.11; Reveille Russet, 0.66; Rio Grande Russet, 0.08; Russet Norkotah 278, 0.57; Russet Norkotah 296, 0.37; Russet Norkotah 3, 0.34; Russet Norkotah 8, 0.15; Satina, 2.13.

San Acacio Seed

Canela Russet, 0.31; Caribou Russet, 0.58; Colomba, 0.77; Mesa Russet, 2.06; Modoc, 0.5; Rainier Russet, 0.54; Reveille Russet, 0.86; Russet Norkotah 278, 0.18; Russet Norkotah 296, 0.26; Russet Norkotah 3, 0.2; Russet Norkotah 8, 0.09; Soraya, 0.2; Vanguard Russet, 1.06.

San Luis Valley Research Center

AC10376-1W/Y, 0.07; AC11494-6W,0.07; AC12090-3RU, 0.07; AC99330-1P/Y, 0.07; CO00415-1RF, 0.14; CO04056-3P/PW, 0.07; CO05028-4P/PY, 0.07; CO08062-3PF/P, 0.07; CO09128-3W/Y, 0.07; CO10064-1W/Y, 0.07; CO10085-1RU, 0.07; CO10087-4RU, 0.07; CO10091-1RU, 0.07; CO10098-5W/Y, 0.07; CO11009-3RU, 0.07; CO11023-2W, 0.07; CO11250-1W/Y, 0.07; CO12235-3W, 0.07; CO12293-1W, 0.07; CO12378-1RU, 0.07; CO13003-1RU, 0.07; CO13232-25W, 0.07; CO99076-6R, 0.07; All Blue, 0.07; Austrian Crescent, 0.07; Canela Russet, 0.14; Colorado Rose, 0.07; Columbine Gold, 0.07; Crimson King, 0.14; LaRatte, 0.07; Masquerade, 0.07; Mesa Russet, 0.07; Modoc, 0.07; Purple Majesty, 0.07; Rocky Mountain Russet, 0.07; Russet Burbank, 0.07; Russet Norkotah, 0.07; Sangre 10, 0.07; Vista Gold, 0.07; Yukon Gold, 0.07.

Worley Family Farms, LLLP

Castle Russet, 0.58; Centennial Russet, 0.79; CO97232-2R/Y, 0.32; Soraya, 1.25.

Zapata Seed Company

Alegria, 2.1; Castle Russet, 1; IPB 8343-8W/Y, 0.1; Soraya, 1.6.

08.6735.1

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	2303108621	0.75	G2		0.10						

AAC Canada Gold-Doree^^

Early 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
Rockey Farms, LLC	23122CGD21	0.37	G3								0.40

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
Martinez Farms	2302818A31	1.00	G3		0.30						
SLV Research Center	2304418A21	0.23	EXP2G2		0.10						
	2304418A22	0.51	EXP2G2								
	2304418A31	1.27	EXP2G3		0.40						
	2304418A41	2.09	EXP2G4		0.30						

Actrice

Early maturing, Round oval, yellow skin, light yellow flest.
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	23064ACT51	6.90	G5				0.10		0.20		0.20
Salazar Seed	23180ACT21	1.77	G2								
	23180ACT31	9.80	G3								

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	23106ALE21	17.10	G2								
	23106ALE31	59.60	G3						0.02		0.28
	23106ALE32	57.00	G3								0.08
	23106ALE33	49.80	G3								
	23106ALE34	39.00	G3								0.38

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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	23122AMA21	0.63	G2								
	23122AMA41	2.33	G4								
	23122AMA42	3.06	G4								

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.	23008ATL41	22.00	G4		0.05						0.05
	23008ATL42	22.00	G4								
	23008ATL43	29.00	G4			0.07					0.17
	23008ATL44	29.00	G4				0.03				0.17

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	23122AUS21	1.76	G2		0.10						
	23122AUS31	12.80	G3		0.46						
	23122AUS41	54.00	G4		0.06						

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	23031AUT41	14.91	G4								1.00
	23031AUT51	15.31	G5								0.63
	23031AUT52	0.31	G5								2.00
	23031AUT61	59.90	G6		0.17						3.00

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	23122BRS21	0.12	G2								
	23122BRS31	0.51	G3		0.10						2.30

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Baltic Rose^^ (Continued)

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Worley Family Farms, LLC	23031BRS21	0.34	G2								
	23031BRS31	6.15	G3								1.50

Bintje

Late maturing, oblong white.
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	23122BIN21	0.40	G3		0.10						0.30
	23122BIN41	1.10	G4		0.20						0.30

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.	23198CAN41	16.00	G4		0.06				0.13		
	23198CAN42	11.00	G4		0.09				0.09		
	23198CAN43	7.00	G4		0.20			0.20			
Price Farms Certified Seed, LLC	23064CAN31	16.00	G3								
	23064CAN41	12.60	G4		0.15						
	23064CAN42	120.00	G4		0.34						
	23064CAN61	5.50	G6		0.20						
	23064CAN63	60.00	G6		1.02				0.15		1.00
Pro Seed	23218CAN41	19.50	G4					0.05			
Salazar Seed	23180CAN21	6.87	G2							0.10	
	23180CAN31	14.10	G3								
Worley Family Farms, LLC	23031CAN41	30.00	G4		1.27						
	23031CAN42	7.00	G4		1.26						
	23031CAN43	20.00	G4		1.45				0.05		

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	23122CAR21	0.43	G3								1.80
	23122CAR31	1.65	G3		0.10						0.30

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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
Worley Family Farms, LLC	23031CSR21	7.66	G2								
	23031CSR31	8.87	G3								
	23031CSR32	26.64	G3								
	23031CSR33	20.16	G3								
Zapata Seed Company	23106CSR21	9.00	G2								
	23106CSR31	52.10	G3								

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	23151CEN21	1.85	G2		0.10						
	23151CEN31	13.70	G3		0.07						
Martinez Farms	23028CEN21	13.00	G2		0.10						
Palmgren Farms, Inc.	23198CEN31	16.00	G3		0.06					0.13	
	23198CEN32	31.00	G3		0.13						
	23198CEN41	15.00	G4		0.20						
Pro Seed	23218CEN41	96.10	G4		0.62						
Salazar Seed	23180CEN21	2.04	G2							0.10	
Worley Family Farms, LLC	23031CEN21	5.03	G3		0.70				0.20		

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
Worley Family Farms, LLC	23031CIL21	0.49	G2							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	23064CIK41	32.60	G4								
Salazar Seed	23180CIK21	3.01	G2								
	23180CIK31	20.10	G3								
	23180CIK32	3.90	G3								

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Classic Russet^^

Early 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
Bothell Seed, LLC	23151CLA21	1.50	G2		0.10						
	23151CLA31	11.20	G3		0.75						
	23151CLA32	4.90	G3		0.80						
	23151CLA41	56.10	G4		1.16						

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
Martinez Farms	23028CLE21	31.00	G2								
	23028CLE31	33.00	G3		0.21						0.03

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	2312205N31	1.21	EXP2G3		0.90				0.10		T
	2312205N41	1.30	EXP2G4		0.20						0.20

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	23225CLB21	16.11	G2			0.12					
Worley Family Farms, LLC	23031CLB41	19.20	G4								1.71
	23031CLB42	19.20	G4								1.60

Colorado Rose^^

Medium maturing, oval to 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	23180CRO21	2.19	G2								
	23180CRO31	11.90	G3								

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Columbine Gold^^

Early 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	23122CLG41	1.40	G4		0.50						0.50
	23122CLG42	2.00	G4								0.20

Crimson King^^

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

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Rockey Farms, LLC	23122CRK21	0.21	G2								
	23122CRK31	0.15	G3		1.20						

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	23122DES21	0.38	G3								4.00
	23122DES31	0.48	G3		0.10						3.10
	23122DES41	9.00	G4		0.30						0.60

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	23180FEN21	3.30	G2								
	23180FEN31	32.80	G3			0.03					
	23180FEN41	25.80	G4								

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
Rockey Farms, LLC	23122FLO51	0.05	G5						0.20		0.80

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	23122FRE41	3.34	G4								0.20

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German Butterball

Late maturing, oblong yellow skin, yellow flesh.
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	23122GER41	1.40	G4		0.20		0.10				0.40

Kennebec

Medium maturing, oval white skin, white 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	23122KEN21	0.19	G2								

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.	23008LDY31	17.92	G3						0.06		

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.	23008LKA41	3.70	G4								0.30
	23008LKA42	12.74	G4								0.31
	23008LKA43	13.11	G4								2.76

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	23122LAR21	0.87	G2		0.10						
	23122LAR31	7.75	G3								
	23122LAR41	21.50	G4		0.05						0.05
	23122LAR42	9.30	G4								0.30

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	23122MAG21	0.36	G2								

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Malou^^

Medium maturing, short 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
Rockey Farms, LLC	23122MAL41	0.05	G4								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	23122MAS21	0.23	G3								0.80
	23122MAS31	1.70	G3						0.20		0.20
SLV Research Center	23044MAS21	0.18	G2								
	23044MAS31	0.44	G3								
	23044MAS41	0.81	G4								

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	23180MES21	2.58	G2			0.07					
San Acacio Seed	23225MES21	4.50	G2								
Zapata Seed Company	23106MES21	8.00	G2								
	23106MES31	15.50	G3						T		

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	23180MOD21	0.61	G2								
	23180MOD31	10.60	G3								
	23180MOD32	21.40	G3						0.05		
	23180MOD41	7.80	G4								
San Acacio Seed	23225MOD41	33.46	G4								

Montana^^

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
Rockey Farms, LLC	23122MNT51	0.05	G5								

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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	23028MGM31	35.00	G3		0.51						

Mountain Rose^^

Early to medium maturing, oblong, red skin, red 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	23044ROS21	0.06	G3								

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	23180MOZ21	1.47	G2				T				
	23180MOZ31	5.00	G3				0.10		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	23122NIC21	0.20	G3								1.30
	23122NIC31	1.23	G3		0.90						0.20
	23122NIC41	2.10	G4		0.60						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
Salazar Seed	23180PAC21	1.43	G2								
	23180PAC31	12.30	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	23122MAJ41	7.18	G4		0.30		0.10				

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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	23122PVK41	4.08	G4		0.10					0.10	0.30

Red Gold

Early maturing, round, 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	23122RGD31	0.40	G3		0.60						0.10
	23122RGD41	0.75	G4		0.40						0.30

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	23122RTM21	0.15	G2								
	23122RTM31	1.68	G3								

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
Martinez Farms	23028REV21	22.00	G2								
	23028REV41	30.00	G4		0.53				0.03		
	23028REV410	30.00	G4		0.77						
	23028REV411	25.00	G4		0.57						
	23028REV42	30.00	G4		0.93						
	23028REV43	30.00	G4		0.93						
	23028REV44	30.00	G4		1.17						
	23028REV45	30.00	G4		0.80						
	23028REV46	30.00	G4		0.67						
	23028REV47	30.00	G4		0.50						
	23028REV48	30.00	G4		0.47						
	23028REV49	30.00	G4		0.93						
Palmgren Farms, Inc.	23198REV41	24.00	G4								
	23198REV51	21.00	G5		0.10						
Price Farms Certified Seed, LLC	23064REV41	60.00	G4		0.08						
	23064REV42	10.30	G4		0.08				T		
Salazar Seed	23180REV21	9.36	G2								
	23180REV31	62.00	G3						T		

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

Reveille Russet^^ (Continued)

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
San Acacio Seed	23225REV21	1.24	G2		0.10						
	23225REV22	8.33	G2						T		
	23225REV23	9.24	G2		0.10						
	23225REV31	18.43	G3		0.05						
	23225REV41	70.00	G4		0.06				0.01		

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	23064RIO31	11.40	G3		0.25						
Salazar Seed	23180RIO21	1.00	G2								

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	23122RMR21	0.29	G2								0.10
	23122RMR31	4.04	G3		0.30						0.10

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	23031RMA21	0.57	G2								
	23031RMA31	6.96	G3								0.10

Russet Norkotah

Early 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	23164NOR31	17.00	G3								

Russet Norkotah Selection 223^^

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	23164N2321	15.00	G2								

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

Russet Norkotah Selection 278^^

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
Palmgren Farms, Inc.	23198N7841	15.00	G4						T		
Price Farms Certified Seed, LLC	23064N7831	20.00	G3								
	23064N7841	60.00	G4		0.63						0.03
	23064N7862	5.70	G6		1.00						
	23064N7863	24.00	G6		0.75						0.08
Pro Seed	23218N7841	6.60	G4								
	23218N7842	115.50	G4		0.27						
	23218N7843	58.70	G4		1.02						
	23218N7844	17.80	G4		1.50						
Salazar Seed	23180N7821	6.62	G2								
	23180N7831	35.40	G3								
San Acacio Seed	23225N7821	1.36	G2						0.06		
	23225N7841	112.00	G4		0.08						
Worley Family Farms, LLC	23031N7821	15.20	G2								
	23031N7831	15.16	G3								

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	23164N9631	33.00	G3				T				
Palmgren Farms, Inc.	23198N9641	39.00	G4		0.05	0.03					
Price Farms Certified Seed, LLC	23064N9631	46.40	G3		0.13	0.02					
	23064N9661	3.30	G6		0.90						
Salazar Seed	23180N9621	4.07	G2								
	23180N9631	23.60	G3								
	23180N9632	3.80	G3								
San Acacio Seed	23225N9621	0.96	G2							0.10	
	23225N9641	122.00	G4		0.10						
	23225N9642	9.00	G4		0.10						
	23225N9643	4.60	G4		0.30						
Worley Family Farms, LLC	23031N9621	16.62	G2								
	23031N9631	14.84	G3								
Zapata Seed Company	23106N9631	18.20	G3						T		

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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	23164NK331	18.00	G3								
	23164NK332	18.00	G3								
Palmgren Farms, Inc.	23198NK331	20.00	G3								
	23198NK341	28.00	G4		0.29						
Salazar Seed	23180NK321	5.93	G2								
	23180NK331	49.90	G3								
San Acacio Seed	23225NK341	58.20	G4		0.08	0.03					

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
Flat Top Seed, LLC	23164NK831	23.00	G3		0.09						
Salazar Seed	23180NK821	1.16	G2								
	23180NK831	39.70	G3								
San Acacio Seed	23225NK841	54.50	G4								

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	23031SLN41	12.77	G4								

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	23122SAN41	4.95	G4								4.00
	23122SAN51	1.70	G5		0.20						

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	23064SAT41	24.50	G4				0.08				
Salazar Seed	23180SAT21	4.55	G2								
	23180SAT31	11.20	G3								

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

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	23064SOR41	20.10	G4								0.86
	23064SOR61	35.90	G6								0.08
Pro Seed	23218SOR51	17.90	G5								0.06
Salazar Seed	23180SOR21	3.56	G2								
	23180SOR31	19.30	G3				0.05				
	23180SOR32	3.60	G3								
	23180SOR33	8.20	G3								
San Acacio Seed	23225SOR21	1.70	G2								
	23225SOR31	8.50	G3								0.10
	23225SOR41	35.00	G4								0.20
	23225SOR42	3.90	G4								
Worley Family Farms, LLC	23031SOR31	1.40	G3								1.00
	23031SOR32	61.60	G3		0.11		0.02			0.02	0.81
Zapata Seed Company	23106SOR21	17.00	G2								
	23106SOR31	20.00	G3						0.05		
	23106SOR32	43.40	G3								

Tacoma^^

Medium 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
Martinez Farms	23028TAC21	10.00	G3								0.50
	23028TAC31	16.00	G3								1.94

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	23151TET21	2.70	G2								
	23151TET31	25.40	G3								
	23151TET41	61.20	G4		0.24						
	23151TET42	59.40	G4		0.13		0.07				
	23151TET43	59.80	G4		0.35						
	23151TET44	59.40	G4		0.30						

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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	23225VGR21	2.60	G2		0.10	T					

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	23122VGD31	1.11	G3								2.20
	23122VGD41	2.25	G4								0.90
SLV Research Center	23044VGD21	0.32	EXP2G2								

Wendy

Grower	LOT #	Acres	Gener-ation	Leaf-roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
Pro Seed	23218WEN41	6.20	G4								

Yellow Finn

Medium maturing, flattend round, yellow 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	23122YFN41	1.90	G4		0.50						1.50

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	23028YUK21	29.00	G3		0.17						
	23028YUK31	16.00	G3		0.44						
	23028YUK32	105.00	G3		0.38						
	23028YUK33	2.00	G3		0.10						
	23028YUK34	24.00	G3		0.13						
	23028YUK41	15.00	G4								

AC12090-3RU^^

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	2304421B81	0.65	EXP2-1		0.10						
	2304421B82	1.49	EXP2-1						0.20		

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

AC12090-3RU^^ (Continued)

Grower	LOT #	Acres	Gener- ation	Leaf- roll	Mosaic	Haywire	Calico	Giant Hill	Variety Mix	Variant	Black Leg
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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	2312207E21	0.20	EXP2G3								1.30
	2312207E31	0.87	EXP2G3								0.40
	2312207E41	0.70	EXP2G4								0.90
SLV Research Center	2304407E21	0.10	EXP2G2								
	2304407E31	0.41	EXP2G3		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	2304414D21	0.18	EXP2G2								
	2304414D31	0.25	EXP2G3								
	2304414D41	0.60	EXP2G4								

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	2304413D31	0.87	EXP2G3								
	2304413D41	0.97	EXP2G4		0.60						

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	2304417G21	0.26	EXP2G2		0.10						
	2304417G41	1.28	EXP2G4								

CO10064-1W/Y^^

Medium maturing, round 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	2304418D21	0.25	EXP2G3		0.30						

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

CO10085-1RU^^

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	2304418Q31	1.22	EXP2G3								

CO10087-4RU^^

Early 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	2304418G21	0.41	EXP2G2								
	2304418G31	1.21	EXP2G3								

CO10091-1RU^^

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	2304418H21	0.31	EXP2G2								
	2304418H41	13.00	EXP2G4		0.15			0.15			

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	2304418S21	0.22	EXP2G2		0.10						
	2304418S81	0.90	EXP2-3		0.10						

CO11250-1W/Y^^

Medium maturing, oval, white 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	2304418W21	0.24	EXP2G2								

CO11266-1W/Y^^

Medium maturing, oval, white skin with pink eyes, 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	2304418Y21	0.30	EXP2G2								

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

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	2304419L21	0.23	EXP2G2								
	2304419L81	2.12	EXP2-2								

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	2304421D81	0.89	EXP2-1								

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

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	----

¹ The 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. ²

The 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. ³ Terms 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. ⁴ If lots originate at Cornell-Uihlein Farm, the first three generations (G1-G3) are also designated by a (U) to denote source. ⁵

FY = Field Year ⁶ FY =
Foundation Year

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

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