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INTRODUCTION TO THE 2022 SEED POTATO BOOK

This is the official Nebraska Seed Potato Directory of the Potato Certification Association of Nebraska (PCAN) for the 2022 crop year. The Potato Certification Association of Nebraska (PCAN) is a not-for-profit organization and official designated agency of the University of Nebraska-Lincoln. The lots listed in this directory are those that have passed both summer field inspections, with some lots receiving three inspections. The following are required for a lot to be considered certified within the state of Nebraska:

- Originate from planting stocks that were grown in a sterile environment and underwent proper disease testing.
- Pass both summer field inspections. The potato seed stocks on this list represent all seed fields which have passed field inspections and are within the tolerance for diseases and mixtures.
- Pass a post-harvest test. PCAN conducts post-harvest tests in one of three ways:
 - A grow out. Samples are grown out in a warm location sometime between November and January and are visually inspected for the presence of PVY, PLRV or other diseases. ELISA tests are conducted on these lots for PVY or PLRV at the request of the grower. If no laboratory test is conducted as part of the grow out, this will be indicated on the North American Plant Health Certificate with an NT (no-test) designation.
 - In a greenhouse. Samples are planted in a greenhouse close to the PCAN office, and not offsite at a warm location. Visual inspections and laboratory testing are conducted the exact same way as in a traditional grow out.
 - Sprout testing. Samples are allowed to sprout, and ELISA tests are conducted on the sprouts. This is the preferred method for varieties with long dormancy.
- Eligible seed lots shall be sampled for a winter test and be approved before replanting as certified seed potatoes in Nebraska.
- Pass a State shipping point inspection.
- Adhere to all the requirements with the Rules and Regulations of the Potato Certification Association of Nebraska. These Rules and Regulations can be found at the official website of the Potato Certification Association of Nebraska: <http://nebraskapotatoes.com>.
- Nebraska certified seed potatoes may be sorted for sale in one of three grades (Blue, Yellow, Green). See **Shipping Point Inspections** for a more detailed description of these grades.



Potato Certification Association of Nebraska staff, Executive Council and Advisory Committee

Purpose

The Potato Certification Association of Nebraska (PCAN) is a non-profit, non-stock corporation which conducts inspection and certification of potatoes, when authorized by the College of Agriculture of the University of Nebraska in pursuant to sections 81-2, 149 to 81-2, 154 (Reissue Revised Statutes of Nebraska 1943). The agency was designed to encourage the production of potatoes and other crops for seed purposes in the states of Nebraska and Wyoming.

How We Are Structured

In 1931 the Vice Chancellor of the Institute of Agriculture and Natural Resources at the University of Nebraska, under State Law, House Roll 67, designated PCAN as a potato certification agency. Under the law of Nebraska, PCAN was incorporated on June 4, 1951. The Vice Chancellor (with an Advisory Committee), specifies the Standards for Certification, and approves rules and procedures used by the certifying agency. The Advisory Committee is composed of the department heads of Agronomy and Horticulture, Entomology, and Plant Pathology with the Associate Dean of Agriculture Research serving as chairperson.

The Executive Council of PCAN is responsible for financing and administering the regulations and for establishing proper conduct of potato seed certification in the states of Nebraska and Wyoming. The Executive Council consists of four active members who are elected at the Association's Annual meeting. The manager of PCAN also sits on the Executive Council and serves as the Council's secretary. A full-time staff, consisting of a Manager and Assistant Manager, is overseen by the Executive Council to conduct day-to-day operations for the agency. These duties include, but are not limited to: field inspections, bin inspections, shipping point inspections, laboratory activities, post-harvest winter tests, representing the agency at professional meetings and promoting Nebraska-raised seed potatoes. The manager and assistant manager of PCAN also provide leadership and assistance to seasonal and part time staff. The structure of Nebraska Potato Certification is detailed in Figure 1.

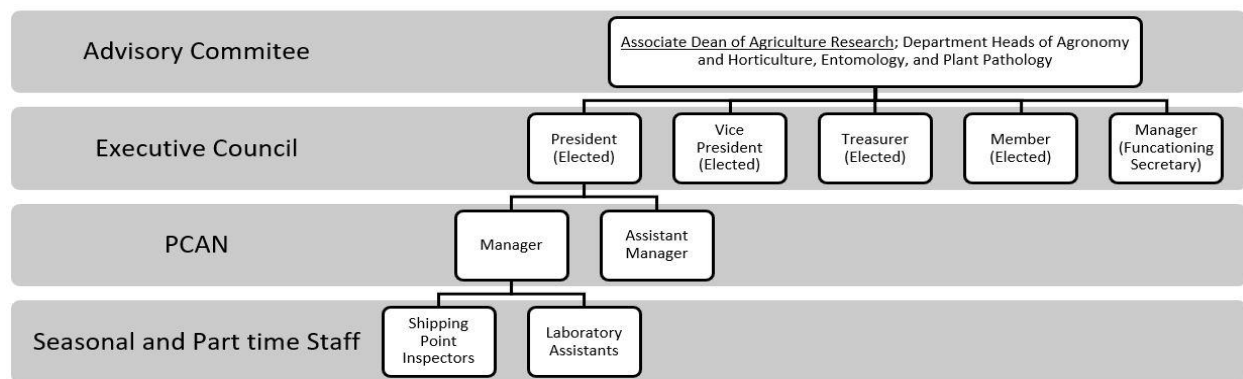


Figure 1. Nebraska Potato Certification structure

Potato Certification Association of Nebraska Administrative Bodies

Members of the Executive Council

Lisa Hickman – President; Alliance, Nebraska
 Josh McBride – Vice President; North Platte, Nebraska
 Jon Gilley – Treasurer; Atkinson, Nebraska
 Chase Engel – Member; Scottsbluff, Nebraska
 Chris Toetdle – Member; Alliance, Nebraska
 Adam Winchester – Secretary/Manager; Gering, Nebraska

Seed Advisory Committee

Dr. Mike Boehm - Vice Chancellor
 Dr. Hector Santiago – Chairman
 Dr. Loren Giesler – Plant Pathology
 Dr. Gary Brewer – Entomology
 Dr. Richard Ferguson – Agronomy and Horticulture

Current Staff of the Potato Certification Association of Nebraska

Adam Winchester.....Manager
Jenn Dillinger.....Assistant Manager

Shipping Point Inspectors:
Gary Leever, Adrian Gonzalez, Brandon Roland, John Wickman, Ivan Gomez, Elijah Harris, Omar Garcia, Jaden Kelley, Daniel Anderson

Summer Field Inspectors:
Gary Leever, Michael Kaus, Daniel Anderson

Laboratory, Office, and Bin Inspection:
Jaden Kelly, Elijah Harris, Daniel Anderson, Mike Kaus, Tyler Kaus

History of the Potato Certification Association of Nebraska

Nebraska began seed potato certification in Nebraska in 1918, through the University of Nebraska-Lincoln (UNL). Nebraska growers at that time were facing many issues with the deterioration of seed in field and storage. In order to combat this Dr. H.O. Warner was hired as a potato extension specialist by UNL. His first course of action was the creation of the state’s first seed potato certification program.

By the early 1920’s seed potato certification was turned over to the Foundation Seed Division of the Nebraska Certified Potato Growers Association (NCPGA) (Figure 2). Seed certification was then conducted by NCPGA with UNL oversight. Since NCPGA was created for marketing purposes, many felt a new agency should be established to conduct certification only. In 1952 the Potato Certification Association of Nebraska (PCAN) was incorporated as a non-stock, non-profit association. An Executive Council is elected annually from industry members and all rule changes are approved by the Seed Certification Committee at UNL. PCAN is currently in its sixth decade of operation.



Figure 2. Second Annual Convention of the Nebraska Certified Potato Growers Association.

Field Inspections

Field inspections are important for any certification program because some diseases are more identifiable on the plant than on the tubers. This is the case with many strains of potato virus y (PVY), as well as potato leaf roll virus (PLRV). Furthermore, all lots considered for certification or re-certification by PCAN must be inspected during the plant growth stage (Figure 3).

A minimum of two field inspections are conducted annually by PCAN. First inspections are made in June or July, once plants are capable of exhibiting symptoms. The following two inspections occur later in summer. This allows time for inspectors to identify problems not seen earlier in the season, including varietal mixtures.

Figure 3. Various tolerances for diseases and varietal mixtures during field inspections.

Class		Foundation						<u>Certified</u>
Disease	Generation	FY0	FY1	FY2	FY3	FY4	FY5	0 thru 6
Leaf roll		0	0.1	0.2	0.3	0.4	0.5	1.0
Mosaic		0	0.1	0.2	0.3	0.4	0.5	2.0
Total serious virus		0	0.2	0.4	0.6	0.6	0.6	3.0
Variety Mixture		0	0.1	0.2	0.3	0.4	0.5	0.5
Blights (Early and Late)		—	—	—	—	—	—	—
Visible Black Leg		0	0.5	0.5	0.5	0.5	1.0	3.0
Colombia Root Knot		0	0	0	0	0	0	0
Nematode								
Bacterial Ring Rot		No tolerance allowed in any class or generation of seed						

Shipping Point Inspections

Shipping point inspections in Nebraska are voluntary, fee-for service inspections that have been administered by PCAN since 1952. The objective of this program is to facilitate trade by providing buyers and sellers of seed potatoes impartial and accurate information regarding quality and condition of seed potato shipments. This information is necessary to satisfy the requirements of state and federal marketing orders, or to verify compliance with specifications in a contract. These inspections are usually performed at the same time seed is being graded, but only after passing field inspections.

Scoring to determine grade of these shipments is based on the United States Standards for Grades of Potatoes. The following grades are used by PCAN:

Blue Tag Grade

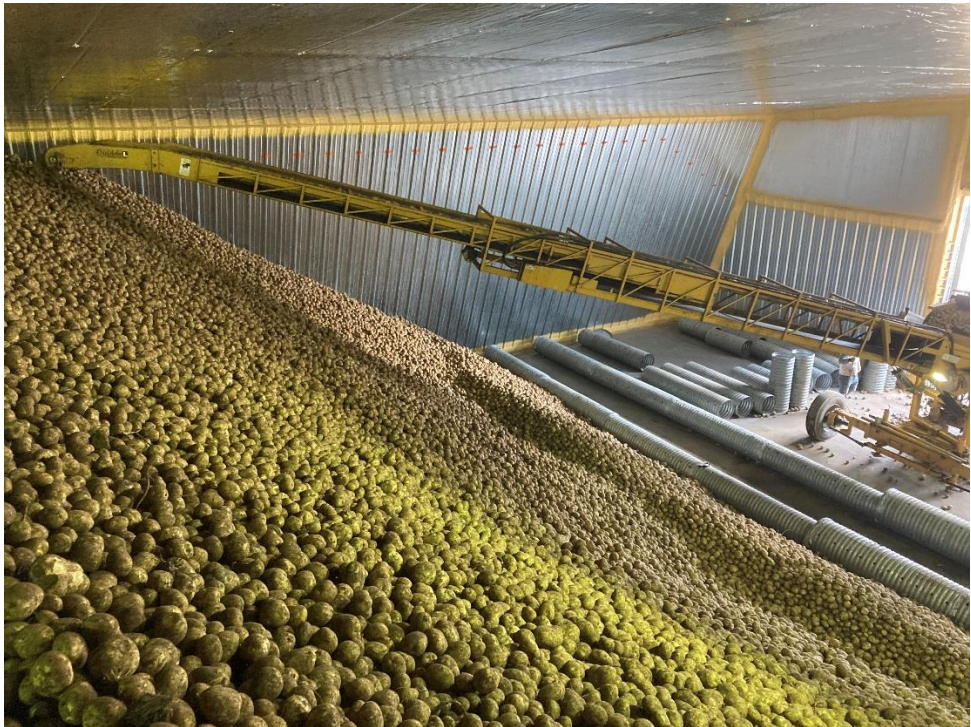
This grade is considered the same as the U.S. #1 Seed Potato Grade. These consist of unwashed potatoes identified as certified seed by the state of origin by blue tags fixed to the containers or official state or federal-state certificates accompanying bulk loads, which identify the crop year, grower, variety and generation, as well as the state certification agency.

Yellow Tag Grade

These are also unwashed potatoes that have not met Blue Tag tolerances for internal defects and certain diseases yet remain certified according to the Rules and Regulations of PCAN. The tagging procedure for the Yellow Grade is the same as the Blue Grade.

Green Tag Grade

This grade is intended as a buyer/seller agreement with no size or grade restrictions. Visual inspection will be performed for Bacterial Ring Rot only. The seed should not be washed and should be tagged the same way as Blue and Yellow Grade shipments.



2021 Variety List

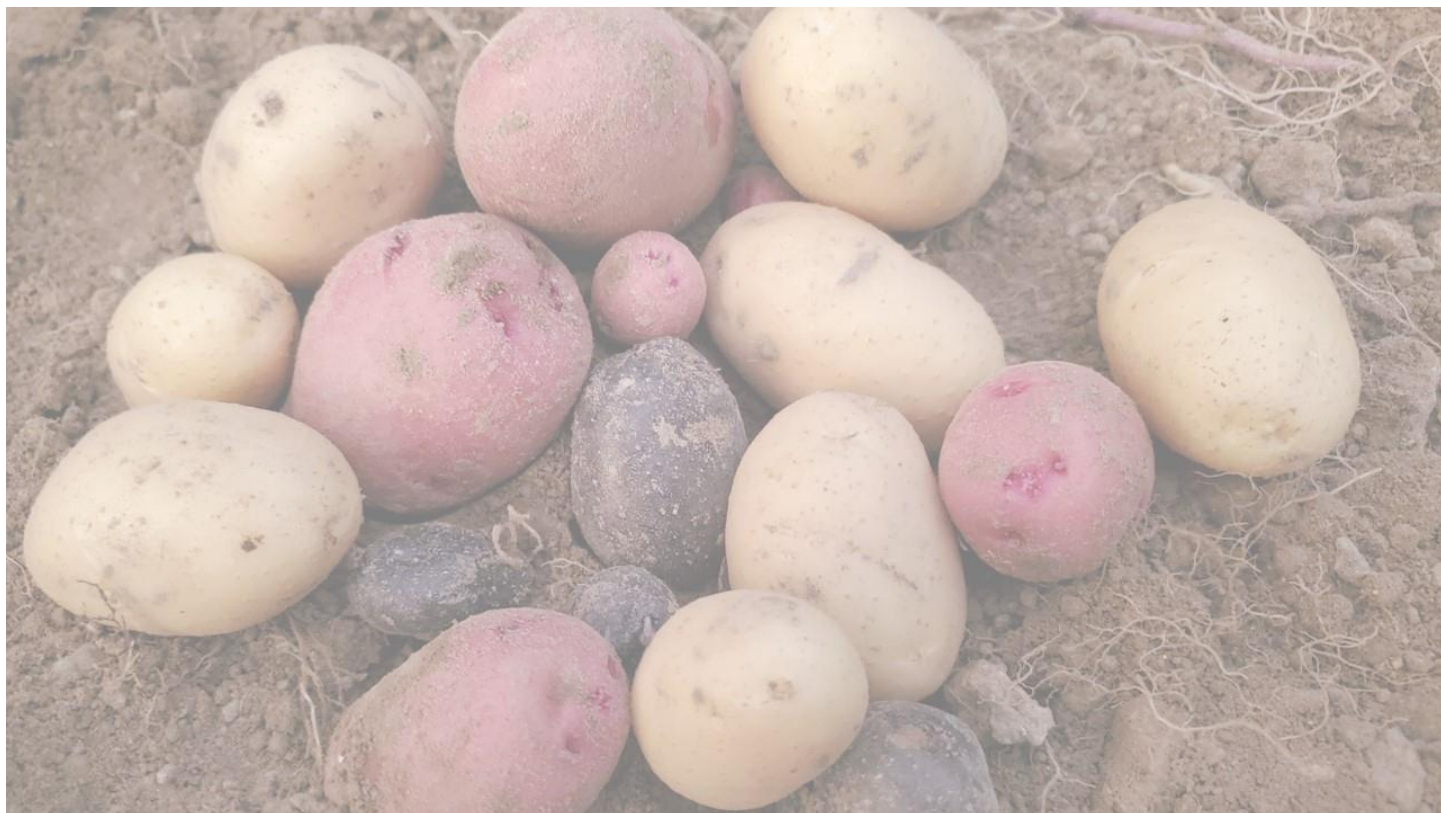
<u>Variety</u>	<u>Acres Accepted</u>	<u>Page</u>
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907-15	0.85	9
A071012	0.09	9
ACO3433-1W	0.8	9
AF5071-2	0.12	9
Alpine Russet	26	9
Alturas	29.48	9
Alverstone Russet	32.09	9
Atlantic	231.3	9
Bannock Russet	33.65	10
Blackberry	3.57	10
Cal Red	0.1	10
Caribou Russet	31.93	10
Ciklamen	24.87	10
Clearwater Russet	145.76	10
COTX08063-2Ru	0.29	10
Dakota Russet	128.25	11
Gala	15.47	11
Gerona	1.29	11
Hamlin	30.76	11
Huron Chipper	13.15	11
Ivory Russet	28.73	11
Kingsman	2.9	11
Lady Liberty	11.53	12
Lady Terra	8.59	12
Lamoka	684.88	12
Mackinaw	54.98	12
Markies	0.09	12
Mesa Russet	1	12
MoDoc	0.1	12
Monica Russet	7.55	13
Mountain Gem	110.53	13
MSZ416-8RY	5.32	13
Noblesse	1.04	13
ORO1233-10	0.16	13
Proprietary Varieties	3235.1	13
Petoskey	0.12	13
Prospect	46.01	13
Purple Majesty	0.41	13
Radiant Ruby	2.14	14
Rainer Russet	0.1	14
Ranger Russet	14.45	14
Red LaSoda strain 10	44.42	14
Reveille Russet	187.21	14
Ruby Rose	11.14	14
Russet Burbank	297.93	15
Russet Norkotah	54.41	15
Russet Norkotah Colorado strain 3	64.68	15

2021 Variety List

<u>Variety</u>	<u>Acres Accepted</u>	<u>Page</u>
Russet Norkotah Colorado strain 8	80.94	15
Russet Norkotah TSP	17.29	15

Russet Norkotah Texas strain 112	68.31	16
Russet Norkotah Texas strain 223	75.50	16
Russet Norkotah Texas strain 278	403.24	16
Russet Norkotah Texas strain 296	414.85	16
Shepody	2.45	17
Silverton Russet	85.91	17
Snowden	73.28	17
Umatilla Russet	525.83	17
Upstate Abundance	7.48	17
Vanguard Russet	25.57	17
Vizzelle	129.19	18
W9426-3R/W	1.32	18
W9742-3rus	2.02	18
Waneta	10.72	18



2022 Summer Field Readings

Variety and Grower	Lot #	First Inspection		Second Inspection		Third Inspection		Acres	Field Year
		Mosaic	Leafroll	Mosaic	Leafroll	Mosaic	Leafroll		

907-15										
CSS Farms Cody	223047	0%	0%	0%	0%	NI	NI	Total Acres	0.85	FY1
A071012										
CSS Farms Cody	223063	0%	0%	0%	0%	NI	NI	Total Acres	0.09	FY1
ACO 3433-1W										
Western Potatoes INC	222073	0%	0%	0%	0%	NI	NI	Total Acres	0.8	FY1
AF 5071-2										
CSS Farms Cody	223087	0%	0%	0%	0%	NI	NI	Total Acres	0.12	FY1
Alpine Russet										
Whole Seed Farm, LLC	224310	0%	0%	0%	0%	NI	NI	Total Acres	26	FY3
Alturas										
Whole Seed Farm, LLC	224101	0%	0%	0%	0%	NI	NI		26.3	FY2
Whole Seed Farm, LLC	224103	0%	0%	0%	0%	NI	NI		3.18	FY1
Total Acres									29.48	
Alverstone Russet										
CSS Farms Cody	223016	0%	0%	0%	0%	NI	NI		6.1	FY2
CSS Farms Cody	223017	0%	0%	0%	0%	NI	NI		24.2	FY3
CSS Farms Cody	223074	0%	0%	0%	0%	NI	NI		1.79	FY1
Total Acres									32.09	
Atlantic										
Clear Horizons Seed Lab	220010	0%	0%	0%	0%	NI	NI		0.1	FY0
Clear Horizons Seed Lab	220019	0%	0%	0%	0%	NI	NI		0.1	FY0
Western Potatoes INC	222037	0%	0%	0%	0%	NI	NI		30.3	FY3
Western Potatoes INC	222044	0%	0%	0%	0%	NI	NI		6.5	FY2
Western Potatoes INC	222059	0%	0%	0%	0%	NI	NI		0.8	FY1
CSS Farms Cody	223010	0%	0%	0%	0%	NI	NI		64.7	FY3
CSS Farms Cody	223033	0%	0%	0%	0%	NI	NI		8	FY2
CSS Farms Cody	223067	0%	0%	0%	0%	NI	NI		1.44	FY1
Thompson Seed Potato, Ptr.	225014	0%	0%	0%	0%	NI	NI		79.65	FY3
Thompson Seed Potato, Ptr.	225029	0%	0%	0%	0%	NI	NI		24.8	FY3
Thompson Seed Potato, Ptr.	225067	0%	0%	0%	0%	0%	0%		4.9	FY3
Thompson Seed Potato, Ptr.	225070	0%	0%	0%	0%	0%	0%		6.8	FY2
Thompson Seed Potato, Ptr.	225084	0%	0%	0%	0%	0%	0%		1.5	FY3
Thompson Seed Potato, Ptr.	225108	0%	0%	0%	0%	NI	NI		1.08	FY1
Thompson Seed Potato, Ptr.	225120	0%	0%	0%	0%	NI	NI		0.63	FY1
Total Acres									231.3	

*NI = No Inspection Conducted

2022 Summer Field Readings

Variety and Grower	Lot #	First Inspection		Second Inspection		Third Inspection		Acres	Field Year
		Mosaic	Leafroll	Mosaic	Leafroll	Mosaic	Leafroll		

Bannock Russet										
Thompson Seed Potato, Ptr.	225030	0%	0%	0%	0%	NI	NI		21.24	FY3
Thompson Seed Potato, Ptr.	225031	0%	0%	0%	0%	NI	NI		8.45	FY3
Thompson Seed Potato, Ptr.	225053	0%	0%	0%	0%	0%	0%		2.4	FY2
Thompson Seed Potato, Ptr.	225054	0%	0%	0%	0%	0%	0%		0.58	FY2
Thompson Seed Potato, Ptr.	225111	0%	0%	0%	0%	NI	NI		0.61	FY1
Thompson Seed Potato, Ptr.	225123	0%	0%	0%	0%	NI	NI		0.37	FY1
Total Acres									33.65	

Blackberry										
CSS Farms Cody	223035	0%	0%	0%	0%	NI	NI		3.2	FY2
CSS Farms Cody	223059	0%	0%	0%	0%	NI	NI		0.37	FY1
Total Acres									3.57	

Cal Red										
Clear Horizons Seed Lab	220018	0%	0%	0%	0%	NI	NI	Total Acres	0.1	FY0

Caribou Russet										
CSS Farms North Platte	221010	0%	0%	0%	0%	0%	0%		8.3	FY2
CSS Farms North Platte	221018	0%	0%	0%	0%	0%	0%		22.3	FY3
CSS Farms Cody	223076	0%	0%	0%	0%	NI	NI		1.33	FY1
Total Acres									31.93	

Ciklamen										
CSS Farms Cody	223042	0%	0%	0%	0%	NI	NI	Total Acres	24.87	FY1

Clearwater Russet										
Clear Horizons Seed Lab	220006	0%	0%	0%	0%	NI	NI		0.1	FY0
Thompson Seed Potato, Ptr.	225121	0%	0%	0%	0%	NI	NI		0.27	FY1
Thompson Seed Potato, Ptr.	225124	0%	0%	0%	0%	NI	NI		0.34	FY1
Thompson Seed Potato, Ptr.	225107	0%	0%	0%	0%	NI	NI		0.94	FY1
Thompson Seed Potato, Ptr.	225071	0%	0%	0%	0%	0%	0%		1.6	FY2
Thompson Seed Potato, Ptr.	225052	0%	0%	0%	0%	0%	0%		1.8	FY3
Thompson Seed Potato, Ptr.	225066	0%	0%	0%	0%	0%	0%		1.8	FY3
Thompson Seed Potato, Ptr.	225040	0%	0%	0%	0%	NI	NI		3.1	FY3
Thompson Seed Potato, Ptr.	225072	0%	0%	0%	0%	0%	0%		4.3	FY2
Thompson Seed Potato, Ptr.	225034	0%	0%	0%	0%	NI	NI		5.67	FY3
Thompson Seed Potato, Ptr.	225038	0%	0%	0%	0%	NI	NI		10	FY3
Thompson Seed Potato, Ptr.	225039	0%	0%	0%	0%	NI	NI		24.4	FY3
Western Potatoes INC	222066	0%	0%	0%	0%	NI	NI		0.02	FY1
Whole Seed Farm, LLC	224104	0%	0%	0%	0%	NI	NI		4.62	FY1
Whole Seed Farm, LLC	224701	0%	0%	0%	0%	NI	NI		36.3	FY3
Whole Seed Farm, LLC	224110	0%	0%	0%	0%	NI	NI		50.5	FY2
Total Acres									145.76	

COTX 08063-2Ru										
CSS Farms Cody	223084	0%	0%	0%	0%	NI	NI	Total Acres	0.29	FY1

*NI = No Inspection Conducted

2022 Summer Field Readings

Variety and Grower	Lot #	First Inspection		Second Inspection		Third Inspection		Acres	Field Year
		Mosaic	Leafroll	Mosaic	Leafroll	Mosaic	Leafroll		

Dakota Russet										
Whole Seed Farm, LLC	224107	0%	0%	0%	0%	NI	NI		3.26	FY1
Whole Seed Farm, LLC	224303	0%	0%	0%	0%	NI	NI		16.7	FY2
Whole Seed Farm, LLC	224702	0%	0%	0%	0%	NI	NI		82.8	FY3
CSS Farms Cody	223021	0%	0%	0%	0%	NI	NI		5.7	FY2
CSS Farms Cody	223070	0%	0%	0%	0%	NI	NI		3.18	FY1
CSS Farms Cody	223071	0%	0%	0%	0%	NI	NI		0.34	FY1
CSS Farms North Platte	221006	0%	0%	0%	0%	0%	0%		2.7	FY3
Thompson Seed Potato, Ptr.	225018	0%	0%	0%	0%	NI	NI		7.83	FY3
Thompson Seed Potato, Ptr.	225026	0%	0%	0%	0%	NI	NI		3.95	FY3
Thompson Seed Potato, Ptr.	225103	0%	0%	0%	0%	NI	NI		1.79	FY1
Total Acres									128.25	

Gala										
CSS Farms Cody	223041	0%	0%	0%	0%	NI	NI		11.48	FY1
CSS Farms Cody	223093	0%	0%	0%	0%	NI	NI		1.79	FY1
CSS Farms Cody	223092	0%	0%	0%	0%	NI	NI		2.2	FY1
Total Acres									15.47	

Gerona										
CSS Farms Cody	223044	0%	0%	0%	0%	NI	NI	Total Acres	1.29	FY1

Hamlin										
CSS Farms Cody	223022	0%	0%	0%	0%	NI	NI		5.7	FY2
CSS Farms Cody	223060	0%	0%	0%	0%	NI	NI		4.31	FY1
CSS Farms Cody	223081	0%	0%	0%	0%	NI	NI		0.52	FY1
CSS Farms North Platte	221019	0%	0%	0%	0%	0%	0%		7.1	FY4
Whole Seed Farm, LLC	224102	0%	0%	0%	0%	NI	NI		3.33	FY1
Whole Seed Farm, LLC	224109	0%	0%	0%	0%	NI	NI		9.8	FY2
Total Acres									30.76	

Huron Chipper										
CSS Farms Cody	223037	0%	0%	0%	0%	NI	NI		2	FY2
CSS Farms Cody	223048	0%	0%	0%	0%	NI	NI		0.54	FY1
Thompson Seed Potato, Ptr.	225019	0%	0%	0%	0%	NI	NI		10.61	FY3
Total Acres									13.15	

Ivory Russet										
Whole Seed Farm, LLC	224305	0%	0%	0%	0%	NI	NI		16.1	FY2
CSS Farms Cody	223020	0%	0%	0%	0%	NI	NI		10.9	FY2
CSS Farms Cody	223073	0%	0%	0%	0%	NI	NI		1.73	FY1
Total Acres									28.73	

Kingsman										
CSS Farms Cody	223026	0%	0%	0%	0%	NI	NI	Total Acres	2.9	FY2

*NI = No Inspection Conducted

2022 Summer Field Readings

Variety and Grower	Lot #	First Inspection		Second Inspection		Third Inspection		Acres	Field Year
		Mosaic	Leafroll	Mosaic	Leafroll	Mosaic	Leafroll		

Lady Liberty										
Western Potatoes INC	222043	0%	0%	0%	0%	NI	NI		3.5	FY3
Western Potatoes INC	222055	0%	0%	0%	0%	NI	NI		6.6	FY2
Western Potatoes INC	222071	0%	0%	0%	0%	NI	NI		1.43	FY1
Total Acres									11.53	

Lady Terra										
CSS Farms Cody	223013	0%	0%	0%	0%	NI	NI		0.9	FY2
CSS Farms Cody	223019	0%	0%	0%	0%	NI	NI		7.5	FY3
CSS Farms Cody	223088	0%	0%	0%	0%	NI	NI		0.19	FY1
Total Acres									8.59	

Lamoka										
Clear Horizons Seed Lab	220011	0%	0%	0%	0%	NI	NI		0.1	FY0
CSS Farms Cody	223001	0%	0%	0%	0%	NI	NI		116.8	FY3
CSS Farms Cody	223012	0%	0%	0%	0%	NI	NI		22.2	FY3
CSS Farms Cody	223055	0%	0%	0%	0%	NI	NI		6.57	FY1
CSS Farms North Platte	221013	0%	0%	0%	0%	0%	0%		31.1	FY2
Western Potatoes INC	222017	0%	0%	0%	0%	NI	NI		127	FY4
Western Potatoes INC	222018	0%	0%	0%	0%	NI	NI		130	FY4
Western Potatoes INC	222019	0%	0%	0%	0%	NI	NI		100	FY4
Western Potatoes INC	222027	0%	0%	0%	0%	NI	NI		20	FY3
Western Potatoes INC	222033	0%	0%	0%	0%	NI	NI		65	FY3
Western Potatoes INC	222034	0%	0%	0%	0%	NI	NI		6.3	FY3
Western Potatoes INC	222042	0%	0%	0%	0%	NI	NI		47	FY4
Western Potatoes INC	222046	0%	0%	0%	0%	NI	NI		6.3	FY2
Western Potatoes INC	222047	0%	0%	0%	0%	NI	NI		4.4	FY2
Western Potatoes INC	222060	0%	0%	0%	0%	NI	NI		0.9	FY1
Western Potatoes INC	222061	0%	0%	0%	0%	NI	NI		1.21	FY1
Total Acres									684.88	

Mackinaw										
CSS Farms Cody	223054	0%	0%	0%	0%	NI	NI		1.78	FY1
CSS Farms North Platte	221011	0%	0%	0%	0%	0%	0%		10.8	FY2
CSS Farms North Platte	221017	0%	0%	0%	0%	0%	0%		42.4	FY3
Total Acres									54.98	

Markies										
CSS Farms Cody	223086	0%	0%	0%	0%	NI	NI	Total Acres	0.09	FY1

Mesa Russet										
CSS Farms Cody	223024	0%	0%	0%	0%	NI	NI	Total Acres	1	FY2

MoDoc										
Clear Horizons Seed Lab	220017	0%	0%	0%	0%	NI	NI	Total Acres	0.1	FY0

*NI = No Inspection Conducted

2022 Summer Field Readings

Variety and Grower	Lot #	First Inspection		Second Inspection		Third Inspection		Acres	Field Year
		Mosaic	Leafroll	Mosaic	Leafroll	Mosaic	Leafroll		

Monica Russet										
CSS Farms Cody	223015	0%	0%	0%	0%	NI	NI		6.9	FY2
CSS Farms Cody	223078	0%	0%	0%	0%	NI	NI		0.65	FY1
Total Acres									7.55	

Mountain Gem										
Clear Horizons Seed Lab	220003	0%	0%	0%	0%	NI	NI		0.1	FY0
Thompson Seed Potato, Ptr.	225003	0%	0%	0%	0%	NI	NI		98.39	FY3
Thompson Seed Potato, Ptr.	225076	0%	0%	0%	0%	0%	0%		9.9	FY2
Thompson Seed Potato, Ptr.	225092	0%	0%	0%	0%	NI	NI		2.14	FY1
Total Acres									110.53	

MSZ416-8RY										
CSS Farms Cody	223043	0%	0%	0%	0%	NI	NI	Total Acres	5.32	FY1

Noblesse										
CSS Farms Cody	223089	0%	0%	0%	0%	NI	NI		0.24	FY1
CSS Farms Cody	223040	0%	0%	0%	0%	NI	NI		0.8	FY2
Total Acres									1.04	

ORO1233-10										
CSS Farms Cody	223085	0%	0%	0%	0%	NI	NI	Total Acres	0.16	FY1

Proprietary Varieties										
Total Acres									3235.1	

Petoskey										
Clear Horizons Seed Lab	220013	0%	0%	0%	0%	NI	NI		0.1	FY0
Western Potatoes INC	222072	0%	0%	0%	0%	NI	NI		0.02	FY1
Total Acres									0.12	

Prospect										
Clear Horizons Seed Lab	220004	0%	0%	0%	0%	NI	NI		0.1	FY0
Thompson Seed Potato, Ptr.	225020	0%	0%	0%	0%	NI	NI		31.52	FY3
Thompson Seed Potato, Ptr.	225078	0%	0%	0%	0%	0%	0%		7.3	FY2
Thompson Seed Potato, Ptr.	225079	0%	0%	0%	0%	0%	0%		4.5	FY2
Thompson Seed Potato, Ptr.	225080	0%	0%	0%	0%	0%	0%		1.6	FY2
Thompson Seed Potato, Ptr.	225090	0%	0%	0%	0%	NI	NI		0.35	FY1
Thompson Seed Potato, Ptr.	225091	0%	0%	0%	0%	NI	NI		0.64	FY1
Total Acres									46.01	

Purple Majesty										
CSS Farms Cody	223091	0%	0%	0%	0%	NI	NI	Total Acres	0.41	FY1

*NI = No Inspection Conducted

2022 Summer Field Readings

Variety and Grower	Lot #	First Inspection		Second Inspection		Third Inspection		Acres	Field Year
		Mosaic	Leafroll	Mosaic	Leafroll	Mosaic	Leafroll		

Radiant Ruby										
CSS Farms Cody	223039	0%	0%	0%	0%	NI	NI		1.75	FY2
CSS Farms Cody	223065	0%	0%	0%	0%	NI	NI		0.39	FY1
								Total Acres	2.14	

Rainer Russet										
Clear Horizons Seed Lab	220016	0%	0%	0%	0%	NI	NI	Total Acres	0.1	FY0

Ranger Russet										
Whole Seed Farm, LLC	224105	0%	0%	0%	0%	NI	NI		2.45	FY1
Whole Seed Farm, LLC	224304	0%	0%	0%	0%	NI	NI		12	FY2
								Total Acres	14.45	

Red LaSoda strain 10										
Clear Horizons Seed Lab	220014	0%	0%	0%	0%	NI	NI		0.1	FY0
Thompson Seed Potato, Ptr.	225008	0%	0%	0%	0%	NI	NI		38.93	FY3
Thompson Seed Potato, Ptr.	225083	0%	0%	0%	0%	0%	0%		3.9	FY2
Thompson Seed Potato, Ptr.	225118	0%	0%	0%	0%	NI	NI		1.49	FY1
								Total Acres	44.42	

Reveille Russet										
CSS Farms Cody	223080	0%	0%	0%	0%	NI	NI		0.61	FY1
Clear Horizons Seed Lab	220002	0%	0%	0%	0%	NI	NI		0.1	FY0
Clear Horizons Seed Lab	220008	0%	0%	0%	0%	NI	NI		0.1	FY0
Thompson Seed Potato, Ptr.	225001	0%	0%	0%	0%	NI	NI		130.38	FY3
Thompson Seed Potato, Ptr.	225009	0%	0%	0%	0%	NI	NI		25.6	FY3
Thompson Seed Potato, Ptr.	225073	0%	0%	0%	0%	0%	0%		7.3	FY2
Thompson Seed Potato, Ptr.	225074	0%	0%	0%	0%	0%	0%		8.5	FY2
Thompson Seed Potato, Ptr.	225075	0%	0%	0%	0%	0%	0%		10.3	FY2
Thompson Seed Potato, Ptr.	225093	0%	0%	0%	0%	NI	NI		1.01	FY1
Thompson Seed Potato, Ptr.	225094	0%	0%	0%	0%	NI	NI		1.54	FY1
Thompson Seed Potato, Ptr.	225105	0%	0%	0%	0%	NI	NI		1.77	FY1
								Total Acres	187.21	

Ruby Rose										
CSS Farms Cody	223018	0%	0%	0%	0%	NI	NI		10.7	FY2
CSS Farms Cody	223064	0%	0%	0%	0%	NI	NI		0.44	FY1
								Total Acres	11.14	

*NI = No Inspection Conducted

2022 Summer Field Readings

Variety and Grower	Lot #	First Inspection		Second Inspection		Third Inspection		Acres	Field Year
		Mosaic	Leafroll	Mosaic	Leafroll	Mosaic	Leafroll		

Russet Burbank									
Clear Horizons Seed Lab	220007	0%	0%	0%	0%	NI	NI	0.1	FY0
Thompson Seed Potato, Ptr.	225032	0%	0%	0%	0%	NI	NI	114.26	FY3
Thompson Seed Potato, Ptr.	225036	0%	0%	0%	0%	NI	NI	6.02	FY3
Thompson Seed Potato, Ptr.	225037	0%	0%	0%	0%	NI	NI	52.52	FY3
Thompson Seed Potato, Ptr.	225057	0%	0%	0%	0%	0%	0%	4.2	FY2
Thompson Seed Potato, Ptr.	225058	0%	0%	0%	0%	0%	0%	17	FY2
Thompson Seed Potato, Ptr.	225088	0%	0%	0%	0%	NI	NI	0.69	FY1
Thompson Seed Potato, Ptr.	225117	0%	0%	0%	0%	NI	NI	1.25	FY1
Whole Seed Farm, LLC	224108	0%	0%	0%	0%	NI	NI	9.29	FY1
Whole Seed Farm, LLC	224201	0%	0%	0%	0%	NI	NI	74.7	FY2
Whole Seed Farm, LLC	224301	0%	0%	0%	0%	NI	NI	7.7	FY2
Whole Seed Farm, LLC	224302	0%	0%	0%	0%	NI	NI	10.2	FY2
Total Acres								297.93	

Russet Norkotah									
Clear Horizons Seed Lab	220012	0%	0%	0%	0%	NI	NI	0.1	FY0
Thompson Seed Potato, Ptr.	225013	0%	0%	0%	0%	NI	NI	45.4	FY3
Thompson Seed Potato, Ptr.	225055	0%	0%	0%	0%	0%	0%	3.2	FY2
Thompson Seed Potato, Ptr.	225065	0%	0%	0%	0%	0%	0%	4.6	FY2
Thompson Seed Potato, Ptr.	225112	0%	0%	0%	0%	NI	NI	0.78	FY1
Thompson Seed Potato, Ptr.	225122	0%	0%	0%	0%	NI	NI	0.33	FY1
Total Acres								54.41	

Russet Norkotah Colorado 3 Strain									
CSS Farms Cody	223075	0%	0%	0%	0%	NI	NI	1.56	FY1
Thompson Seed Potato, Ptr.	225024	0%	0%	0%	0%	NI	NI	20.31	FY3
Thompson Seed Potato, Ptr.	225025	0%	0%	0%	0%	NI	NI	29.25	FY3
Thompson Seed Potato, Ptr.	225081	0%	0%	0%	0%	0%	0%	4.1	FY2
Thompson Seed Potato, Ptr.	225082	0%	0%	0%	0%	NI	NI	8.5	FY2
Thompson Seed Potato, Ptr.	225086	0%	0%	0%	0%	NI	NI	0.5	FY1
Thompson Seed Potato, Ptr.	225113	0%	0%	0%	0%	NI	NI	0.46	FY1
Total Acres								64.68	

Russet Norkotah Colorado 8 Strain									
Thompson Seed Potato, Ptr.	225007	0%	0%	0%	0%	NI	NI	57.55	FY3
Thompson Seed Potato, Ptr.	225061	0%	0%	0%	0%	NI	NI	15.7	FY2
Thompson Seed Potato, Ptr.	225062	0%	0%	0%	0%	NI	NI	6.2	FY2
Thompson Seed Potato, Ptr.	225089	0%	0%	0%	0%	NI	NI	0.63	FY1
Thompson Seed Potato, Ptr.	225114	0%	0%	0%	0%	NI	NI	0.86	FY1
Total Acres								80.94	

Russet Norkotah TSP									
Thompson Seed Potato, Ptr.	225064	0%	0%	0%	0%	NI	NI	16.5	FY2
Thompson Seed Potato, Ptr.	225115	0%	0%	0%	0%	NI	NI	0.79	FY1
Total Acres								17.29	

*NI = No Inspection Conducted

2022 Summer Field Readings

Variety and Grower	Lot #	First Inspection		Second Inspection		Third Inspection		Acres	Field Year
		Mosaic	Leafroll	Mosaic	Leafroll	Mosaic	Leafroll		

Russet Norkotah Texas 112 Strain									
Clear Horizons Seed Lab	220005	0%	0%	0%	0%	NI	NI	0.1	FY0
Thompson Seed Potato, Ptr.	225016	0%	0%	0%	0%	NI	NI	52	FY3
Thompson Seed Potato, Ptr.	225041	0%	0%	0%	0%	NI	NI	4.78	FY2
Thompson Seed Potato, Ptr.	225042	0%	0%	0%	0%	NI	NI	9.92	FY2
Thompson Seed Potato, Ptr.	225087	0%	0%	0%	0%	NI	NI	0.47	FY1
Thompson Seed Potato, Ptr.	225116	0%	0%	0%	0%	NI	NI	1.04	FY1
Total Acres								68.31	

Russet Norkotah Texas 223 Strain									
CSS Farms Cody	223072	0%	0%	0%	0%	NI	NI	2.19	FY1
Thompson Seed Potato, Ptr.	225015	0%	0%	0%	0%	NI	NI	52.2	FY3
Thompson Seed Potato, Ptr.	225049	0%	0%	0%	0%	NI	NI	14.65	FY2
Thompson Seed Potato, Ptr.	225050	0%	0%	0%	0%	NI	NI	4.07	FY2
Thompson Seed Potato, Ptr.	225085	0%	0%	0%	0%	NI	NI	0.4	FY1
Thompson Seed Potato, Ptr.	225099	0%	0%	0%	0%	NI	NI	1.99	FY1
Total Acres								75.5	

Russet Norkotah Texas 278 Strain									
Clear Horizons Seed Lab	220009	0%	0%	0%	0%	NI	NI	0.1	FY0
CSS Farms North Platte	221003	0%	0%	0%	0%	NI	NI	120.1	FY3
CSS Farms North Platte	221007	0%	0%	0%	0%	NI	NI	37.9	FY3
CSS Farms North Platte	221016	0%	0%	0%	0%	NI	NI	22	FY2
CSS Farms Cody	223056	0%	0%	0%	0%	NI	NI	5.66	FY1
Thompson Seed Potato, Ptr.	225033	0%	0%	0%	0%	NI	NI	79.6	FY3
Thompson Seed Potato, Ptr.	225035	0%	0%	0%	0%	NI	NI	93.4	FY3
Thompson Seed Potato, Ptr.	225046	0%	0%	0%	0%	NI	NI	12.56	FY2
Thompson Seed Potato, Ptr.	225047	0%	0%	0%	0%	NI	NI	20.97	FY2
Thompson Seed Potato, Ptr.	225048	0%	0%	0%	0%	NI	NI	6.71	FY2
Thompson Seed Potato, Ptr.	225095	0%	0%	0%	0%	NI	NI	0.83	FY1
Thompson Seed Potato, Ptr.	225096	0%	0%	0%	0%	NI	NI	1.6	FY1
Thompson Seed Potato, Ptr.	225097							1.81	FY1
Total Acres								403.24	

Russet Norkotah Texas 296 Strain									
Clear Horizons Seed Lab	220001	0%	0%	0%	0%	NI	NI	0.1	FY0
CSS Farms North Platte	221002	0%	0%	0%	0%	NI	NI	121.4	FY3
CSS Farms North Platte	221004	0%	0%	0%	0%	NI	NI	51.7	FY3
CSS Farms North Platte	221015	0%	0%	0%	0%	NI	NI	19.3	FY2
CSS Farms Cody	223057	0%	0%	0%	0%	NI	NI	5.58	FY1
Thompson Seed Potato, Ptr.	225002	0%	0%	0%	0%	NI	NI	29.11	FY3
Thompson Seed Potato, Ptr.	225010	0%	0%	0%	0%	NI	NI	127.87	FY3
Thompson Seed Potato, Ptr.	225021	0%	0%	0%	0%	NI	NI	12.79	FY3
Thompson Seed Potato, Ptr.	225043	0%	0%	0%	0%	NI	NI	4.84	FY2
Thompson Seed Potato, Ptr.	225044	0%	0%	0%	0%	NI	NI	7.7	FY2
Thompson Seed Potato, Ptr.	225045	0%	0%	0%	0%	NI	NI	31.1	FY2
Thompson Seed Potato, Ptr.	225101	0%	0%	0%	0%	NI	NI	1.62	FY1
Thompson Seed Potato, Ptr.	225119	0%	0%	0%	0%	NI	NI	1.74	FY1
Total Acres								414.85	

*NI = No Inspection Conducted

2022 Summer Field Readings

Variety and Grower	Lot #	First Inspection		Second Inspection		Third Inspection		Acres	Field Year
		Mosaic	Leafroll	Mosaic	Leafroll	Mosaic	Leafroll		

Shepody									
CSS Farms Cody	223038	0%	0%	0%	0%	NI	NI	1.9	FY2
CSS Farms Cody	223082	0%	0%	0%	0%	NI	NI	0.29	FY1
CSS Farms Cody	223083	0%	0%	0%	0%	NI	NI	0.26	FY1
Total Acres								2.45	

Silverton Russet									
CSS Farms Cody	223079	0%	0%	0%	0%	NI	NI	0.51	FY1
CSS Farms North Platte	221008	0%	0%	0%	0%	0%	0%	32.9	FY3
CSS Farms North Platte	221009	0%	0%	0%	0%	0%	0%	3.2	FY2
Thompson Seed Potato, Ptr.	225017	0%	0%	0%	0%	NI	NI	42.81	FY3
Thompson Seed Potato, Ptr.	225068	0%	0%	0%	0%	NI	NI	2.28	FY2
Thompson Seed Potato, Ptr.	225069	0%	0%	0%	0%	0%	0%	3.5	FY2
Thompson Seed Potato, Ptr.	225110	0%	0%	0%	0%	NI	NI	0.71	FY1
Total Acres								85.91	

Snowden									
CSS Farms Cody	223006	0%	0%	0%	0%	NI	NI	35.6	FY3
CSS Farms Cody	223011	0%	0%	0%	0%	NI	NI	28	FY3
CSS Farms Cody	223066	0%	0%	0%	0%	NI	NI	1.18	FY1
CSS Farms North Platte	221012	0%	0%	0%	0%	0%	0%	8.5	FY2
Total Acres								73.28	

Umatilla Russet									
Thompson Seed Potato, Ptr.	225005	0%	0%	0%	0%	NI	NI	36.73	FY3
Thompson Seed Potato, Ptr.	225006	0%	0%	0%	0%	NI	NI	52.74	FY3
Thompson Seed Potato, Ptr.	225051	0%	0%	0%	0%	NI	NI	3.83	FY2
Thompson Seed Potato, Ptr.	225109	0%	0%	0%	0%	NI	NI	0.76	FY1
Whole Seed Farm, LLC	224106	0%	0%	0%	0%	NI	NI	5.07	FY1
Whole Seed Farm, LLC	224202	0%	0%	0%	0%	NI	NI	56.2	FY2
Whole Seed Farm, LLC	224203	0%	0%	0%	0%	NI	NI	10	FY2
Whole Seed Farm, LLC	224309	0%	0%	0%	0%	NI	NI	2.8	FY3
Whole Seed Farm, LLC	224401	0%	0%	0%	0%	NI	NI	118.8	FY3
Whole Seed Farm, LLC	224501	0%	0%	0%	0%	NI	NI	119.5	FY3
Whole Seed Farm, LLC	224601	0%	0%	0%	0%	NI	NI	119.4	FY3
Total Acres								525.83	

Upstate Abundance									
CSS Farms Cody	223034	0%	0%	0%	0%	NI	NI	6.7	FY2
CSS Farms Cody	223058	0%	0%	0%	0%	NI	NI	0.78	FY1
Total Acres								7.48	

Vanguard Russet									
CSS Farms North Platte	221005	0%	0%	0%	0%	0%	0%	21.8	FY3
CSS Farms Cody	223014	0%	0%	0%	0%	NI	NI	3.1	FY2
CSS Farms Cody	223077	0%	0%	0%	0%	NI	NI	0.67	FY1
Total Acres								25.57	

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2022 Summer Field Readings

Variety and Grower	Lot #	First Inspection		Second Inspection		Third Inspection		Acres	Field Year
		Mosaic	Leafroll	Mosaic	Leafroll	Mosaic	Leafroll		

Vizzelle										
CSS Farms Cody	223045	0%	0%	0%	0%	NI	NI		0.99	FY1
CSS Farms North Platte	221001	0%	0%	0%	0%	0%	0%		124.6	FY2
CSS Farms North Platte	221014	0%	0%	0%	0%	0%	0%		3.6	FY2
Total Acres									<u>129.19</u>	

W9426-3R/W										
CSS Farms Cody	223046	0%	0%	0%	0%	NI	NI	Total Acres	1.32	FY1

W97423RUS										
CSS Farms Cody	223090	0%	0%	0%	0%	NI	NI		0.12	FY1
CSS Farms Cody	223023	0%	0%	0%	0%	NI	NI		1.9	FY2
Total Acres									<u>2.02</u>	

Waneta										
Clear Horizons Seed Lab	220015	0%	0%	0%	0%	NI	NI		0.1	FY0
Western Potatoes INC	222045	0%	0%	0%	0%	NI	NI		8.4	FY2
Western Potatoes INC	222062	0%	0%	0%	0%	NI	NI		2.22	FY1
Total Acres									<u>10.72</u>	

*NI = No Inspection Conducted



Field Planting/Nomenclature Table

Field Planting Equivalency Table ₁ YEAR IN THE FIELD _{2,3}								
Agency	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

Notice to Buyers

This seed book is not an exhaustive list of all requirements for certification for Nebraska Seed Potatoes. All potential buyers of Nebraska Seed Potatoes should refer to the Rules and Regulations of the Potato Certification Association of Nebraska. The Rules and Regulations of the Potato Certification Association of Nebraska contain all testing and inspection requirements for Nebraska Seed Potatoes. Disease tolerances are also contained within these Rules and Regulations. These Rules and Regulations can be found at the official website of the Potato Certification Association of Nebraska: <http://nebraskapotatoes.com>.

It is industry standard to reference the North American Plant Health Certificate for each lot contained within this Seed Book. The North American Plant Health Certificates provide a summary of summer field inspections, BRR testing, and winter test results for each lot.



2022 GROWER DIRECTORY

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Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.