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WISCONSIN CERTIFIED SEED POTATOES

112 Years of Seed Growing Tradition

Pioneers In Seed Potato Certification

Much of the early research work on potato diseases and how they spread was done in Germany and Holland around the turn of the century. Scientists found that, through careful monitoring of the crop and removal of unhealthy plants, they could maintain a vigorous, healthy stock indefinitely. Similar research soon was being conducted in the United States.

USDA plant pathologist W.A. Orton had studied potato certification in Germany and upon his return, began to work with potato growers and Universities to introduce those concepts here.

Efforts by Wisconsin growers led to the establishment of the Wisconsin Seed Potato Improvement Association in 1905. The Wisconsin College of Agriculture had been engaging with the grower community already to improve potato production through special teaching railcars that traveled through potato areas in northern Wisconsin, called "Potato Specials." The College programming emphasized the standardization and purity of potato varieties.

A convention was held in Rhineland on November 20-21 of 1913 to discuss "Pure Seed of Standard Market Varieties for All Commercial Purposes." At this convention, a formal plan for inspection and certification of potato seed was put into place. The first of now many official seed inspection programs in North America was established and fully implemented with field inspections in 1914. The same objectives of "varietal purity" and "freedom from disease" determined from field inspections remain today.

A reliable source of high-quality, disease-free basic seed stocks remains essential to the strength and growth of Wisconsin's certified seed potato program. UW-Wisconsin established an elite seed potato operation in Three Lakes, WI to support these objects.

In 1941, propagation of disease-free stock and attention to clonal selection were key to the early success of this program making Wisconsin a leading supplier of seed potato varieties.

In 1984, a 1,000-acre property became home of the UW farm operation at the bequest of Miss Lelah Starks, a pioneer Wisconsin seed potato grower.

The Lelah Starks Elite Foundation Seed Potato Farm in Rhinelander has provided parity in germplasm availability for all Wisconsin seed growers. A trusted source, the program remains the Wisconsin seed potato growers' primary source of new and established potato varieties.

In 2023, the Wisconsin Seed Potato Certification Program (WSPCP) and the Wisconsin Potato Coalition (WPC) entered a partnership, where the WPC oversees production of 98 acres of field generations one and two seed at the UW Seed Farm, while the WSPCP oversees four greenhouses producing a combination of conventional and NFT minitubers. Stewardship of this seed continues through the certification of these seed lots on Wisconsin seed grower farm.

The program maintains variety trueness to type; selecting and testing clones, rogueing of weak, genetic variants, and diseased plants to continue to develop and maintain germplasm of your favorite varieties at our laboratory.

A Century-Long Tradition

Administered since inception by the College of Agricultural and Life Sciences, University of Wisconsin – Madison, the program retains a full-time staff of experienced professionals to ensure thoroughness and impartiality in inspection and certification procedures.

Through providing information, exercising technical skill, doing research directed at solving problems, and conducting outreach activities, the University meets the growers at the field level. This special relationship to the academic community brings new information on pathogens, best practices, and introduces high quality basic seed into the marketplace.

A post-harvest Foundation List may be obtained via the Wisconsin Seed Potato Certification Program website <https://seedpotato.russell.wisc.edu/> or visiting/contacting our office at 106 7th Ave. Antigo, WI 54409. Phone: (715) 623-4039 Fax: (715) 623-6970

Strict Standards Mean High Quality From Wisconsin

All certified seed potatoes are produced in a limited generation program with a maximum of seven generations of field propagation.

Certified seed potato growers must enter their entire potato acreage for certification and plant all acreage with foundation class seed.

Only certified seed potato growers with a record of no bacterial ring rot for two consecutive seasons can produce foundation class seed.

All potatoes entered for certification undergo a minimum of two field inspections and a tuber inspection at harvest or in storage.

All potato storage facilities must be inspected and approved prior to filling with certified seed potatoes.

All potatoes meeting field and tuber inspection standards must be post-harvest tested to be eligible for certified seed tags.

All certified seed potatoes must be graded in accordance with Wisconsin seed potato grade standards before official tags can be attached.

Post-harvest testing of all certified seed lots ensures that problems from late-season virus infections are identified and assessed according to specific tolerances, preventing the movement of seed lots with potentially yield- and quality-damaging virus infections to commercial potato growers.

WSPCP Minitubers for Sale

WSPCP support early generation seed production by partnering with the Wisconsin Potato Coalition. Additionally, WSPCP sells minitubers to other interested growers. If you would like to learn more about this opportunity, please visit our website at

<https://seedpotato.russell.wisc.edu/>

or contact the WSPCP Antigo Office at (715) 623-4039

WISCONSIN CERTIFICATION TOLERANCES

Wisconsin Field and Harvest Inspection Standards for Certified and Foundation Seed Potato Classes*

Disease or Defect	Certified (%)	Foundation (%)
Leaf roll	1.00	0.25
Mosaic	1.00	0.25
Spindle Tuber	0.00	0.00
Total Virus	2.00	0.25
Bacterial Ring Rot	0.00	0.00
Variety Mixture	0.10	0.10

Wisconsin Post-harvest Test

Virus infection of seed lots can and does occur after summer inspections are complete. A post-harvest grow-out of all seed lots is designed to prevent the certification of lots infected late in the season with viruses or other diseases.

Post-harvest Test Standards for Certified and Foundation Seed Potato Classes*

Disease or Defect	Certified (%)	Foundation (%)
Leaf roll	5.00	0.50
Mosaic	5.00	0.50
Spindle Tuber	0.00	0.00
Total Virus	5.00	0.50
Bacterial Ring Rot	0.00	0.00
Variety Mixture	2.00	0.25

**Seed certified in Wisconsin does not exceed the appropriate tolerances listed in the above tables based on visual inspections. Higher tolerances in the winter test are due to the greater likelihood of selecting infected tubers in single-drop seed, as used in this test.*

Any seed imported into Wisconsin for recertification must also meet our same standards, both field and post-harvest test tolerances, for virus and variety mixture. We also view third-party shipping point inspections, required by Wisconsin ATCP156, as a critical component of the seed certification process and as an absolute requirement for recertification.

Incidence of Blackleg at first inspection is indicated on the North American Seed Potato Health Certificates. Targeted sampling of field Blackleg samples for *Dickeya* is now routine.

Recent UW Potato Variety Releases

Red Prairie (W8405-1R): High-yielding red with smooth skin, shallow eyes, and long dormancy. Skin color similar to Red Norland but 7-10 days later maturity. Tubers slightly oblong.

Portage Russet (W13A11229-1rus): Dual-purpose russet for processing and fresh market. High yielding with length/width ratio similar to Burbank. Lighter russeting is similar to Silverton. Specific gravity is between Burbank and Ranger. Maintains good fry quality out of long-term storage.

Plover Russet (W9133-1rus): Fresh market russet with early maturity and a high percentage of U.S. #1 tubers due to its large size profile and consistent, blocky shape. Tubers have light russeting, low specific gravity, and long dormancy. Tolerant of common scab but susceptible to early dying.

Lakeview Russet (W9433-1rus): Processing russet with rapid tuber bulking and large size profile due to low tuber set. Low nitrogen requirement. Very light skin is slow to set. Specific gravity similar to Burbank.

Oneida Gold (W6703-1Y): Fresh market yellow with broader size profile than Yukon Gold and mild netting. Excellent internal quality and modest scab tolerance.

Stella Gold (W13103-2Y): High yielding yellow with bright skin and flesh color. Medium maturity, with resistance to common scab and hollow heart. Lenticels darken in storage.

Andi (W17036-2RY): Unique fingerling appearance, with yellow skin and splashes of red color around deep eyes. White flesh with mealy texture when cooked.

**Department of Plant Pathology
University of Wisconsin-Madison**

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Greenhouse and Tissue Culture Lab**

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The following are seasonal employees with the program: Kevin Schwartz, Yu Kitamura-Schwartz, Laura Schwabe, Jennifer Krauser, and Hrithik Pahuja.

**University of Wisconsin Lelah Starks Elite Foundation
Seed Potato Farm**

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(Farm Manager)

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WISCONSIN SEED POTATO IMPROVEMENT ASSOCIATION



Making up the current Wisconsin Seed Potato Improvement Association (WSPIA) Board of Directors are, from left to right, Markus Shafel (Secretary/Treasurer), Mitch Mattek, Clover Spacek, Andy Schroeder (Vice President), and Charlie Husnick (President).

WISCONSIN SEED POTATO CERTIFICATION PROGRAM PERSONNEL



Staff members of the Wisconsin Seed Potato Certification Program at the WSPIA Annual Meeting 2025.

Back row (L-R): Dianna Kessler, Cole Lubinski, Niles Franc, Dr. Amanda Gevens

Front Row (L-R): Brooke Babler, Jolene Spurgeon, Sarah deVeer, Hrithik Pahuja, Kevin Gallenberg

Not Pictured: Dante Tauscheck, Marjorie Hall, Shari Bennett, Keith Bennett, Kevin Schwartz, Yu Kitamura-Schwartz, Laura Schwabe, and Jennifer Krauserk

WISCONSIN CERTIFIED SEED POTATO GROWERS DIRECTORY

Baginski Farms, Inc.

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W8132 County O, Bryant, WI 54418

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N1435 County D, Antigo, WI 54409

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Art Seidl

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Jeff Fassbender

715-216-4433

Ryan Fassbender

715-219-2014

Sowinski Farms, Inc. – Certified Seed

4698 Tenderfoot Road, Rhinelander, WI 54501

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715-272-1192

Paul Sowinski

715-401-0415

Email

seed@sowinskifarms.com

Sunnydale Farms, Inc.

W9751 County I, Bryant, WI 54418

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715-216-4531

Markus Shafel

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Wild Seed Farms, Inc.

W9797 Cherry Rd., Antigo, WI 54409

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Website

www.wirzinc.com

Potato Varieties and Numbered Selections

Certified in Crop Year 2025*

A08433-4STO	Manistee
A12327-5VR	Mercury Russet
Adirondack Blue	Modoc
Adirondack Red	Mountain Gem
Andi (W17036-2YR/Wfing)	MSBB058-1
Atlantic	NY-177
Austrian Crescent	Norland (Dark Red Selection)
Bliss- (NY-163)	Norland (Dark Red Selection-Z)
Caribou Russet	Norland (Red Selection)
Carola	Oneida Gold (W6703-1Y)
Challenger	Paige (P103-1)
Christel	Peter Wilcox
Colomba	Petoskey
CW08221-5rus	Red LaSoda
Dakota Russet	Red La Soda 10-3
Dundee	Red Pontiac
EM3	Red Prairie (W8405-1R)
Fontane	Reveille Russet
French Fingerling	Russet Norkotah
Galena Russet	Russet Norkotah Sel 8
German Butterball	Russet Norkotah TX 296
Goldrush	Silverton
HO2000-Blushing Belle	Snowden
Indigold (W16050-3P/Y)	Stella Gold (W13103-2Y)
Kennebec	Superior
Lady Liberty	Umatilla Russet
Lakeview Russet (W9433-1rus)	Viking
Lamoka	Yukon Gold
Langlade	Frito-Lay Varieties
Mackinaw (MSX 540-4)	UW Breeding Lines
Magic Molly	*through summer readings only

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SUPERIOR

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office: 715-757-2160 | cell: 715-927-4015

or Call: Jonathon or John E. Bushman
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Oneida Gold • Red Prairie

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rgallenberg@hotmail.com



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- Snowden
- Silverton
- Reveille
- Goldrush
- Norkotah
- Superior
- Lady Liberty

Farm: 715-623-6829
Dave: 715-216-1473
Kevin: 715-216-1606
Brad: 715-216-1603
Fax: 715-623-4203

HARTMAN FARMS, INC.

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- Dark Red Norland
- Red Norland
- Russet Norkotah
- Stella Gold
- Superior



Michael 715-219-1802

Todd 715-610-6477

John 715-216-2059

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Mackinaw
Manistee
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Reds:

Dark Red Norland

Russets

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Goldrush™
Silverton
TX 296 Norkotah
Caribou Russet
Reveille Russet

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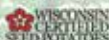
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MICHAEL SHAFEL
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Bryant, WI 54418

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**Wild
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FOUNDATION & CERTIFIED SEED POTATOES

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Potatoes must be winter
tested to be eligible for
certified seed tags.**

**Don't bet your farm on untested
Check the winter test results and Begin**



**Wisconsin Seed Potato Im
P.O. Box 173 • Antigo, WI 54409 •**

, too, if you spent
wait.



- While all state seed potato associations winter test their foundation lots, some do not winter test 100% of their certified seed lots.
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Please note that the acreage data listed in this directory represent acres meeting field tolerances for foundation and certified class seed potatoes in Wisconsin at the completion of summer field inspections.

All certified and foundation class seed potatoes in Wisconsin are post-harvest tested to ensure compliance with certification requirements. As such, these figures are not final, as certification requirements are not met until tuber inspections, post-harvest testing and grade inspections are complete.

Buyers of Wisconsin certified seed potatoes are encouraged to contact the Certification office to obtain this information at any time. The professional staff at the Certification office also can provide and explain "generation" designations of 2022 seed lots. Results of summer field inspections, tuber inspections and the post-harvest winter test may be obtained by writing or calling the Wisconsin Seed Potato Certification Program, 106 7th Ave. Antigo, WI 54409: Phone (715) 623-4039; FAX (715) 623-6970

Important Notes on this Directory

- 1) An asterisk (*) denotes less than an acre.
- 2) An "F" signifies that seed lots are Foundation (F) class and "C" signifies that seed lots are Certified (C) class.
- 3) LICENSED VARIETY after the variety name indicates seed production occurs under legal arrangement with the owner or agent of the variety, often involving fees.
- 4) The figures listed represent acreages meeting field inspection standards for certified seed potatoes and does not represent full certification. Results of summer field inspections, tuber inspections and the post-harvest tests may be obtained by contacting the program.
- 5) The acreage figures do not necessarily indicate quantities of seed available for purchase since a portion of the annual production is destined for replanting, fresh consumption or processing.
- 6) Late blight notice: No late blight was found during normal field inspections.

Limitation of Warranty

The University of Wisconsin College of Agricultural and Life Sciences and the Wisconsin Department of Agriculture, Trade and Consumer Protection make no expressed or implied warranties or representations as to freedom from disease or quality of the seed. The College and Department expressly disclaim any implied warranty of merchantability or fitness for a particular purpose and only certify that the inspected plant and tuber samples conformed to the standards for certification and grading.

The growers of organic seed potatoes listed herein have complied with the rules of seed potato certification in Wisconsin as codified in WDATCP 156. The Wisconsin Seed Potato Certification Program and the Wisconsin Department of Agriculture, Trade & Consumer Protection enforce these regulations and not those of organic production. The Wisconsin Seed Potato Certification Program makes no warranty, expressed or implied, on the organic certification of these potatoes. https://docs.legis.wisconsin.gov/code/admin_code/atcp/140/156

Wisconsin Certified Seed Potato Directory
Crop Year 2025

A08433-4STO

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Bula Potato Farms, Inc.	250149	2	F	1.90
	250151	1	F	0.20
Bushman's Riverside Ranch, Inc.	250323	3	F	32.60
	250328	1	F	0.75
	250329	2	F	1.40
Total Acres Passed				36.85

A12327-5VR

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Bula Potato Farms, Inc.	250152	1	F	0.40

Adirondack Blue

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Mythic Farm, LLC	250067	1	F	0.11
Northern Sand Farms, LLC	250974	2	F	0.25
	250990	3	C	4.00
	250997	1	F	0.08
Total Acres Passed				4.44

Adirondack Red

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Northern Sand Farms, LLC	250973	2	F	0.30

Andi (W17036-2YR/Wfing)

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Mythic Farm, LLC	250069	1	F	0.15
Northern Sand Farms, LLC	250984	1	F	0.05
Total Acres Passed				0.20

Atlantic

Grower	Cert #	FY	Class	Acres
Hafner Seed Farms, Inc.	250017	5	C	26.00
Kakes Farms, Ltd.	250229	6	C	70.50
	250231	6	C	100.00
	250181	3	F	15.30
J. W. Mattek & Sons, Inc.	250182	2	F	0.95
	250183	5	F	92.30
	250277	4	F	118.95
Schroeder Bros. Farms, Inc.	250283	6	C	6.50
	250307	2	F	7.10
	250308	3	F	3.10
Seidl Farms, Inc.	250146	4	F	10.90
	250147	4	C	37.40
Sowinski Farms, Inc.- Cert. Seed	250338	4	C	86.00
Sunnydale Farms, Inc.	250245	4	F	3.50
	250248	5	C	26.00
	250249	4	C	17.70

Atlantic - continued

Grower	Cert #	FY	Class	Acres
Wild Seed Farms, Inc.	250045	1	F	1.30
	250046	1	F	1.20
	250055	4	F	18.00
	250056	3	F	36.40
	250970	3	F	41.60
	251004	3	F	20.50
	251005	4	F	20.00
Wirz, Inc.	250234	4	F	9.42
	250240	4	C	65.63
Total Acres Passed				836.25

Austrian Crescent

Grower	Cert #	FY	Class	Acres
Mythic Farm, LLC	250064	3	F	0.33
Northern Sand Farms, LLC	250982	2	F	0.25
	250996	3	F	0.50
	251000	1	F	0.05
Total Acres Passed				1.13

Bliss (NY-163)

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250071	1	F	0.45
	250100	2	F	2.45
Rine Ridge Farms, Inc.	250002	3	F	12.10
	250003	5	F	13.30
Schroeder Farms, Ltd.	250272	3	F	11.00
Total Acres Passed				39.30

Caribou Russet

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Baginski Farms, Inc.	250211	3	F	42.00
	250212	4	F	5.00
Bula Potato Farms, Inc.	250154	4	F	11.70
	250155	4	F	86.70
Bushman's Riverside Ranch, Inc.	250331	4	F	23.20
	250332	4	C	50.00
	250333	4	C	50.00
	250334	4	C	50.00
	250335	4	C	50.00
Eagle River Seed Farm, Inc.	250072	1	F	0.90
	250101	2	F	7.20
David Fleischman Farms	250397	4	F	46.00
	250402	4	F	6.00
Schroeder Bros. Farms, Inc.	250290	4	F	12.30
Total Acres Passed				441.00

Carola

Grower	Cert #	FY	Class	Acres
Mythic Farm, LLC	250063	3	F	0.25
Northern Sand Farms, LLC	250975	2	F	0.20
	250998	1	F	0.08
Total Acres Passed				0.53

Challenger

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250073	1	F	0.37

Christel

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250074	1	F	0.49
	250128	3	F	1.02
Guenthner Farms, Inc.	250034	3	F	11.03
	250035	3	F	9.80
Total Acres Passed				22.34

Colomba

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Baginski Farms, Inc.	250205	2	F	5.00
	250206	3	F	132.70
	250207	4	F	4.50
Eagle River Seed Farm, LLC	250075	1	F	0.97
	250102	2	F	1.21
Total Acres Passed				144.38

CW08221-5rus

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250103	2	F	1.40

Dakota Russet

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250076	1	F	1.19
	250104	2	F	5.59
Rine Ridge Farms, Inc.	250011	3	F	22.10
Total Acres Passed				28.88

Dundee

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Schroeder Farms, Ltd.	250266	3	F	6.80

EM3

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Mythic Farm, LLC	250065	1	F	0.12

Fontane

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250087	1	F	0.35
	250088	1	F	0.34
Total Acres Passed				0.69

French Fingerling

Grower	Cert #	FY	Class	Acres
Mythic Farm	250066	1	F	0.14

Galena Russet

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Bula Potato Farms, Inc.	250150	2	F	3.70

German Butterball

Grower	Cert #	FY	Class	Acres
Northern Sand Farms, LLC	250977	2	F	0.30
	250988	1	F	0.07
	250991	2	C	3.00
Total Acres Passed				3.37

Goldrush

Grower	Cert #	FY	Class	Acres
Baginski Farms, Inc.	250201	5	C	86.50
	251007	5	C	9.00
Gallenberg Farms, Inc.	251001	4	C	50.00
Mythic Farm, LLC	250058	2	C	0.40
Schroeder Bros. Farms, Inc.	250279	5	C	48.40
	250296	4	C	17.70
	251011	4	C	25.50
	250297	2	C	5.50
Seidl Farms, Inc	250138	4	C	6.70
	250141	5	C	16.60
Total Acres Passed				266.30

HO2000-Blushing Belle

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Schroeder Bros. Farms, Inc.	250298	4	F	108.00

Indigold (W16050-3P/Y)

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Mythic Farm, LLC	2250070	1	F	0.15

Kennebec

Grower	Cert #	FY	Class	Acres
Northern Sand Farms, LLC	250971	3	C	4.00
	250981	2	F	0.33
	250987	1	F	0.07
Total Acres Passed				4.40

Lady Liberty

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Hafner Seed Farms, Inc.	250022	3	F	5.00
	250027	4	F	8.00
Kakes Farms, Ltd.	250219	2	F	3.40
	250220	3	F	4.84
	250225	4	F	14.00
J. W. Mattek & Sons, Inc.	250184	3	F	9.70
	250185	4	F	42.50
Rine Ridge Farms, Inc.	250004	3	F	6.40
	250005	4	F	23.50
Sowinski Farms, Inc.-Cert. Seed	250339	4	F	36.20
	250341	3	F	13.20
Total Acres Passed				166.74

Lakeview Russet (W9433-1rus)

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Bula Potato Farms, Inc.	250165	3	F	31.80
Eagle River Seed Farm, LLC	250090	1	F	0.76
Total Acres Passed				33.93

Lamoka

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250091	1	F	1.69
	250117	2	F	11.21
J. W. Mattek & Sons, Inc.	250176	3	F	45.50
	250177	4	F	335.40
Rine Ridge Farms, Inc.	250006	3	F	6.10
	250007	4	F	25.60
	250008	5	F	90.40
	250009	7	F	21.00
Schroeder Bros. Farms, Inc.	250284	4	F	166.60
	250306	3	F	13.50
Wirz, Inc.	250232	3	F	17.91
	250239	4	F	72.44
Total Acres Passed				807.35

Langlade

Grower	Cert #	FY	Class	Acres
Guenthner Farms, Inc.	250032	4	C	18.18
	250036	2	F	2.60
Kohm and Spsychalla, LLC	250040	1	F	0.12
	251012	1	F	0.09
Total Acres Passed				20.99

Mackinaw

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Bula Potato Farms, Inc.	250162	3	F	2.90
	250163	3	F	23.30
Eagle River Seed Farms, LLC	250119	2	F	2.68
Kakes Farms, Ltd.	250222	3	F	3.66
	250224	4	F	17.00
J. W. Mattek & Sons, Inc.	250174	3	F	11.20
	250175	5	F	40.70
Rine Ridge Farms, Inc.	250010	3	F	5.60
Schroeder Bros. Farms, Inc.	250288	4	F	30.00
Schroeder Farms, Ltd.	250271	3	F	7.40
Total Acres Passed				144.44

Magic Molly

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Northern Sand Farms, LLC	250976	2	F	0.60

Manistee

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
J. W. Mattek & Sons, Inc.	250170	3	F	11.60
	250171	2	C	1.40
	250172	5	C	69.70
	250173	4	C	9.00
Schroeder Bros. Farms, Inc.	250285	5	F	10.60
	250304	4	F	8.00
Schroeder Farms, Ltd.	250270	3	F	6.20
Seidl Farms, Inc	250135	3	F	5.60
	250144	4	F	15.20
	250145	5	F	19.20
Sowinski Farms, Inc.- Cert. Seed	250342	3	F	11.40
Wirz, Inc.	250233	4	F	11.29
	250238	5	F	79.48
Total Acres Passed				258.67

Mercury Russet

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
David Fleischman Farms	250401	2	F	3.00

Modoc

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Baginski Farms, Inc.	250210	4	F	29.50
Eagle River Seed Farm, LLC	250120	2	F	1.95
Total Acres Passed				31.45

Mountain Gem

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Bushman's Riverside Ranch, Inc.	250330	4	F	27.10

MSBB058-1**LICENSED VARIETY**

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250121	2	F	1.09

NY-177**LICENSED VARIETY**

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250093	1	F	0.25
	250122	2	F	0.96
Total Acres Passed				1.21

Norland (Dark Red Selection)

Grower	Cert #	FY	Class	Acres
Bula Potato Farms, Inc.	250160	4	F	16.10
David Fleischman Farms	250395	4	F	44.00
	250399	3	F	5.00
Gallenberg Farms, Inc.	250130	4	C	20.00
Hartman Farms, Inc.	250380	3	F	3.10
	250385	4	C	28.10
Mythic Farms, LLC	250057	3	F	0.71
Northern Sand Farms, LLC	250972	4	F	0.75
Schroeder Bros. Farms, Inc.	250278	4	F	169.40
	250294	3	F	24.00
Sunnydale Farms, Inc.	250244	3	F	4.00
	250250	4	F	18.80
	250251	5	F	4.80
Total Acres Passed				338.76

Norland (Dark Red Selection Z)

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250105	2	F	2.72

Norland (Red Selection)

Grower	Cert #	FY	Class	Acres
Baginski Farms, Inc.	250213	4	F	54.00
	250214	3	F	5.80
David Fleischman Farms	250393	4	C	20.00
	250403	3	F	4.00
Hartman Farms, Inc.	250377	3	F	2.60
	250386	4	C	22.20
Total Acres Passed				108.60

Oneida Gold (6703-1Y)**LICENSED VARIETY**

Grower	Cert #	FY	Class	Acres
Gallenberg Farms, Inc.	250129	4	C	20.00
Mythic Farms, LLC	250068	1	F	0.10
Northern Sand Farms, LLC	250980	2	F	0.60
	250986	1	C	0.07
	250995	6	F	3.50
Total Acres Passed				24.27

Paige**LICENSED VARIETY**

Grower	Cert #	FY	Class	Acres
GP Ventures, LLC	250313	2	F	1.10
	250314	4	F	1.40
	250315	2	C	10.00
Kohm and Spychalla, LLC	250038	1	F	0.25
Total Acres Passed				12.75

Peter Wilcox**LICENSED VARIETY**

Grower	Cert #	FY	Class	Acres
Northern Sand Farms, LLC	250992	2	C	0.50
	250999	1	F	0.10
Total Acres Passed				0.60

Petoskey**LICENSED VARIETY**

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250094	1	F	0.38
	250123	2	F	3.31
GP Ventures, LLC	250316	2	F	2.90
	250317	4	F	18.70
	250318	5	C	26.00
Kakes Farms, Ltd.	250218	5	F	1.45
J. W. Mattek & Sons, Inc.	250178	3	F	9.10
	250179	5	F	131.50
Rine Ridge Farms, Inc.	250001	3	F	6.90
Schroeder Bros. Farms, Inc.	250310	3	F	14.20
	250311	5	C	14.60
Total Acres Passed				229.04

Red LaSoda

Grower	Cert #	FY	Class	Acres
Kohm and Spychalla, LLC	250039	1	F	0.40

Red LaSoda 10-3

Grower	Cert #	FY	Class	Acres
Guenthner Farms, Inc.	250033	2	C	7.26
	250037	4	F	75.35
Kakes Farms, Ltd.	250227	3	F	11.40
Seidl Farms, Inc.	250148	2	C	5.00
Wild Seed Farms, Inc.	250047	1	F	0.70
Total Acres Passed				99.71

Red Pontiac

Grower	Cert #	FY	Class	Acres
Northern Sand Farms, LLC	250983	2	F	0.25
	250989	1	F	0.12
Total Acres Passed				0.37

Red Prairie (W8405-1P)

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Gallenberg Farms, Inc.	250131	4	F	30.00
	250132	6	F	30.00
Mythic Farm, LLC	250062	2	F	0.32
Northern Sand Farms, LLC	250994	4	F	4.50
Sunnydale Farms, Inc.	250242	2	F	1.20
	250246	4	F	29.10
Total Acres Passed				95.12

Reveille Russet

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Baginski Farms, Inc.	250208	3	C	3.20
	250209	2	C	4.00
Bula Potato Farms, Inc.	250156	3	C	16.00
	250157	4	C	23.70
Eagle River Seed Farm, LLC	250095	1	F	0.78
	250096	1	F	0.51
	250124	2	F	1.22
Hafner Seed Farms, Inc.	250014	3	F	26.00
	250015	3	F	14.00
	250016	3	F	10.50
	250020	4	C	6.00
Schroeder Bros. Farms, Inc.	250289	3	C	8.20
	250305	4	F	35.40
	250312	2	F	8.10
Schroeder Farms, Ltd.	250265	2	C	0.70
Seidl Farms, Inc.	250139	3	F	15.00
	250140	3	F	8.40
Total Acres Passed				181.71

Russet Norkotah

Grower	Cert #	FY	Class	Acres
David Fleischman Farms	250389	4	F	20.00
	250390	5	F	47.00
	250400	2	F	8.00
Hafner Seed Farms, Inc.	250013	3	F	26.00
	250019	4	F	2.00
	250026	4	C	7.50
	250031	4	C	20.00
Hartman Farms, Inc.	250378	2	F	1.90
	250381	4	F	14.60
	250382	6	C	48.40
Seidl Farms, Inc.	250136	2	F	1.60
	250142	4	F	31.30
Total Acres Passed				288.30

Russet Norkotah Sel 8

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Schroeder Bros. Farms, Inc.	250292	3	F	6.80
	250300	3	F	105.60
	250302	2	C	5.30
Total Acres Passed				117.70

Russet Norkotah Tx 296

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Schroeder Bros. Farms, Inc.	250291	3	F	4.30
	250301	3	F	27.00
Total Acres Passed				31.30

Silverton

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Baginski Farms, Inc.	250199	5	C	43.10
	250200	2	C	5.00
Bula Potato Farms, Inc.	250153	2	C	11.80
	250158	4	F	32.80
	250159	3	C	39.20
Bushman's Riverside Ranch, Inc.	250324	5	C	50.00
	250325	5	C	41.10
	250326	5	C	50.00
	250327	5	C	43.00
David Fleischman Farms	250388	4	F	20.00
	250398	2	C	8.00
Hafner Seed Farms, Inc.	250023	2	C	7.00
	250028	4	F	24.00
	250029	4	C	35.00
Kohm and Spychalla, LLC	250041	1	F	0.14
J. W. Mattek & Sons, Inc.	250180	2	C	23.20
Northern Sand Farms, LLC	250993	4	C	4.00
Schroeder Bros. Farms, Inc.	250295	2	F	30.40
	250309	2	F	4.60
Schroeder Farms, Ltd.	250275	3	C	8.70
	250276	4	F	58.00
Total Acres Passed				539.04

Snowden

Grower	Cert #	FY	Class	Acres
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Eagle River Seed Farm, LLC	250098	1	F	0.52
	250126	2	F	4.10
Hafner Seed Farms, Inc.	250021	4	F	4.00
	250025	5	C	22.50
Kakes Farms, Ltd.	250221	4	C	5.56
	250226	4	C	24.20
J. W. Mattek & Sons, Inc.	250167	4	F	19.50
	250168	4	F	11.40
	250169	5	C	146.60
Schroeder Bros. Farms, Inc.	250286	4	F	16.10
	250287	4	F	9.80
Seidl Farms, Inc.	250137	4	F	3.80
	250143	5	C	33.00
Sowinski Farms, Inc.- Cert. Seed	250340	4	C	7.10
	250343	4	F	11.00
Sunnydale Farms, Inc	250241	4	F	1.20
	250247	4	F	47.10
Wirz, Inc.	250235	4	F	11.48
	250236	7	C	49.21
	250237	5	C	52.19
Total Acres Passed				480.36

Stella Gold (W13103-2Y)

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Hartman Farms, Inc.	250387	4	F	9.10
Mythic Farm, LLC	250060	2	F	0.45
Total Acres Passed				9.55

Superior

Grower	Cert #	FY	Class	Acres
Baginski Farms, Inc.	250202	3	F	4.00
	250203	4	F	16.80
	250204	5	C	16.00
David Fleischman Farms	250394	3	C	15.00
Gallenberg Farms, Inc.	250133	4	F	30.00
	250134	5	F	20.00
Hafner Seed Farms, Inc.	250018	4	F	16.00
	250024	3	C	4.00
Hartman Farms, Inc.	250379	3	F	2.40
	250383	4	C	18.70
	250384	5	C	2.20
Mythic Farm, LLC	250059	3	C	0.42
Northern Sand Farm, LLC	250979	2	F	0.60
Sunnydale Farms, Inc.	250243	3	F	3.50
Total Acres Passed				149.62

Umatilla Russet

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Eagle River Seed Farm, LLC	250099	1	F	0.83
	250127	2	F	5.38
Total Acres Passed				6.21

Viking

LICENSED VARIETY

Grower	Cert #	FY	Class	Acres
Northern Sand Farms, LLC	250978	2	F	0.25
	250985	1	F	0.08
Total Acres Passed				0.33

Yukon Gold

Grower	Cert #	FY	Class	Acres
Bula Potato Farms, Inc.	250161	3	F	2.30
	250164	4	F	8.50
David Fleischman Farms	250396	4	C	7.00
Mythic Farm, LLC	250061	4	F	0.49
Total Acres Passed				18.29

Frito-Lay varieties

LICENSED VARIETY

Total Acres Passed	2,883.96
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UW Breeding Station **7.50**

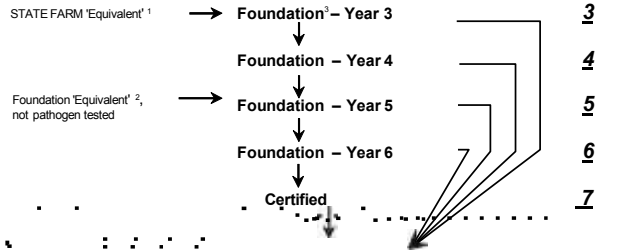
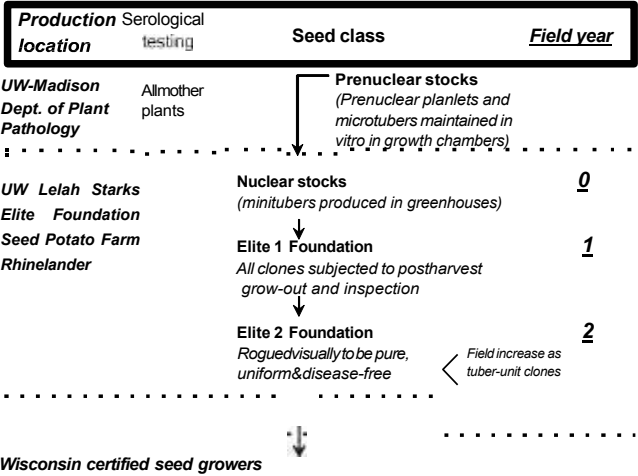
Other Varieties **201.10**

Total Acres Passed - All Varieties **9,215.33**

This directory was prepared by the Wisconsin Seed Potato
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Improvement Association www.potatoseed.org

WISCONSIN GENERATION SYSTEM

All seed potatoes certified in Wisconsin are classified according to Wisconsin's limited generation system (below).



¹ May regenerate by tuber-unit planting plus pathogen testing. ² May regenerate by tuber-unit planting. ³ "Foundation" means eligible for continued use in seed production; may also be sold for fresh market or for processing. ⁴ Sold as Foundation or Certified class seed. Either class must meet blue or yellow tag grade requirements when shipped. The Badger State Brand blue tag meets or exceeds the U.S. No. 1 Seed Potato Grade. The yellow tag represents a second grade with greater tolerances for external defects.

The production of elite foundation seed in Wisconsin begins in the laboratories of the Department of Plant Pathology at the University of Wisconsin-Madison.

Disease-free pre-nuclear plantlets are transported to the UW Leleh Starks Elite Foundation Seed Potato Farm in Rhineland, an elite foundation seed production program that began in 1941.

Certification Program staff are integrally involved in the management of the State Seed Farm, providing not only a concentration of specific expertise in basic seed production, but also accountability to the industry to maintain the highest scientific standards in seed production. Nuclear stocks (minitubers) are produced in greenhouses in the first production cycle at the State Farm. One or two elite field generations follow. Highly skilled seed certification inspectors direct removal of inferior or diseased plants on a weekly basis up to the time of tuber bulking. Varieties are increased as tuber-units in the second field generation to facilitate detection and elimination of any pathogens present. Disease development and spread is controlled by strict sanitation and cultural practices.

COMPARING GENERATIONS

The following table presents generation nomenclature among seed certifying agencies in North America as a function of number of years of field planting.

LIMITED GENERATION CERTIFIED SEED POTATOES
Field Planting Equivalency Table¹ Certification Section of the Potato Association of America

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

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

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

³Term 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

Seed Required to Plant One Acre

32" Row Spacing				
Seed piece	Seed piece weight (oz.)			
spacing (in.)	1	1&1/2	1&3/4	2
Seed required (cwt)				
6	20.4	30.6	35.7	40.8
8	15.3	23.0	26.8	30.6
10	12.3	18.4	21.4	24.5
12	10.2	15.3	17.9	20.4
15	8.2	12.3	14.3	16.3
34" Row Spacing				
Seed piece	Seed piece weight (oz.)			
spacing (in.)	1	1&1/2	1&3/4	2
Seed required (cwt)				
6	19.2	28.8	33.6	38.4
8	14.4	21.6	25.2	28.8
10	11.4	17.4	20.4	22.8
12	9.6	14.4	16.8	19.2
15	7.8	11.4	13.8	15.6
36" Row Spacing				
Seed piece	Seed piece weight (oz.)			
spacing (in.)	1	1&1/2	1&3/4	2
Seed required (cwt)				
6	18.0	27.0	31.8	36.6
8	13.8	20.4	24.0	27.0
10	10.8	16.2	19.2	21.6
12	9.0	13.8	15.6	18.0
15	7.2	10.8	12.6	14.4

Calculating cwt in bulk storage

Cwt in Pile = Pile length x Pile height X Pile width X 0.42

(Pile dimensions in feet)

Temperature conversions

$$^{\circ}\text{C} = \frac{^{\circ}\text{F} - 32}{1.8}$$

$$^{\circ}\text{F} = (^{\circ}\text{C} \times 1.8) + 32$$



Estimating Potato Yields

Dig potatoes from several 10-foot lengths of row (at least 5) and determine the average weight before estimating yield from table below.

Yield per 10 ft of row (lbs)	Row spacing (in.)		
	32	34	36
<i>Estimated yield per acre (cwt)</i>			
12	196	184	174
13	212	200	189
13.5	221	208	196
14	229	215	203
14.5	237	223	211
15	245	230	218
15.5	253	238	225
16	262	246	232
16.5	269	254	239
17	278	262	247
17.5	286	269	254
17.5	286	269	254
18	294	277	262
18.5	302	284	269
19	310	292	276
19.5	319	300	283
20	326	307	290
20.5	335	315	298
21	343	323	305
21.5	351	331	312
22	359	338	319
22.5	368	346	326
23	376	353	334
23.5	384	361	341
24	392	369	349
24.5	400	377	356
25	409	385	363
25.5	416	392	370
26	425	400	377
26.5	433	407	385
27	441	415	392
27.5	449	423	400
28	457	430	407
28.5	446	438	414
29	474	446	421
29.5	482	454	428
30	490	461	436
31	506	476	450
32	523	492	464
33	539	508	479
34	556	523	494
35	572	538	508
36	588	553	522
37	605	569	537
38	621	584	551
39	638	600	566
40	654	615	580
41	670	630	594
42	687	646	609
43	703	661	623

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