

Wisconsin Certified Seed Potatoes



2015 CROP DIRECTORY

www.potatoseed.org



SIX THOUSAND POUNDS LESS PER PIVOT.

Everything changes with the use of high-strength steel and superior engineering. All critical structural components including water pipe, tower bases, tower legs, truss rods as well as other features become radically lighter, more durable and yet stronger at the same time. It transforms pivots from stiff and lumbering to lightweight, bridge-like spans—flexing where they need to flex and sturdy where they need to withstand the every day stress of a pivot. And the ability to withstand stress is probably something you can appreciate.



Roberts Irrigation Company

Plover, WI 715-344-4747

Northwest Office:

2022 W. 22nd Ave., Bloomer, WI 54724
715-568-4600

www.robertsirrigation.net

T.I.P. INC.

TATRO IRRIGATION & POTATO



Miedema
FARM MACHINERY FOR LIFE



4, 6, & 8 Row Planters by Miedema

**WE ARE YOUR PARTNER IN
GROWTH!**

Ag Grow
Solutions
by T.I.P.

Redox **AG**

Double L

**T.L. Irrigation
Systems**
The choice is simple.

1-800-225-9727*www.tipinc.net**

WISCONSIN CERTIFIED SEED POTATOES

100 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 Rhinelander 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.



Henry Darling (Left), program leader, instrumental in establishing the University seed farm.



State Seed Farm Celebrating 75 Years of Service

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. 75 years ago, the University of Wisconsin established an elite seed potato operation in Three Lakes, WI.

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 1000 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.

The farm operation grows 93 acres of field generations one and two seed, operates 4 greenhouses producing conventional and NFT minitubers. Our stewardship of this seed continues through the certification of these seed lots on Wisconsin seed grower farms, there is no other program like it.

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.

On the Cover: A potato field in bloom is a thing of beauty.
Photo by Tamas Houlihan, Communications Director, Wisconsin Potato & Vegetable Growers Association.

Welcome! 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 who purchase seed prior to completion of the post-harvest test are encouraged to check the final classification of seed lots (generally available after February 1) prior to shipping.

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 2015 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, P.O. Box 328, Antigo, WI 54409: Phone (715) 623-4039; FAX (715) 623-6970. E-mail abcrockford@wisc.edu

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 potatoes meeting field and tuber inspection standards must be post-harvest tested to be eligible for certified seed tags.
- All potato storage facilities must be inspected and approved prior to filling with certified seed potatoes.
- 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.

Tolerances for Certified and Foundation Seed Potato Classes in Wisconsin

Wisconsin seed potatoes are classified as "certified" or "foundation", depending on disease and mixture levels and intended use. Tolerances for certified class are set to meet minimum acceptable standards for commercial production (see table). Foundation class seed meets much stricter tolerances required to protect the integrity of the seed industry.

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	5.0	0.50
Mosaic	5.0	0.50
Spindle Tuber	0.0	0.00
Total Virus	5.0	0.50
Bacterial Ring Rot	0.0	0.00
Variety Mixture	2.0	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 recertification.

Incidence of Blackleg at second inspection is indicated on the North American Seed Potato Health Certificates. Targeted sampling of field Blackleg samples for *Dickeya* is underway. A program wide survey of tubers to look for the pathogen in certified seed has also been initiated.

Typically over 85% of seed lots entered for certification meet FOUNDATION quality standards for both field and winter-test inspections.

WISCONSIN SEED POTATO CERTIFICATION PROGRAM PERSONNEL DIRECTORY

Department of Plant Pathology University of Wisconsin-Madison

1630 Linden Drive, Madison, WI 53706
608-262-1410 (Office) 608-263-2626 (FAX)

Dr. Amy Charkowski (Admin. Dir.) 608-262-7911
Lab 608-265-3056
Email: amyc@plantpath.wisc.edu

Andy Witherell (Lab Mgr.) 608-263-8765
Email: raw@plantpath.wisc.edu

Brooke Babler (Research Specialist) 608-263-8765
Email: brookeweber@wisc.edu

Wisconsin Seed Potato Certification

807 Fifth Ave., P.O. Box 328, Antigo, WI 54409
715-623-4039 (Office) 877-335-7333 (toll free)
715-623-6970 (FAX)
<http://labs.russell.wisc.edu/seedpotato/>

Alex Crockford (Program Dir.) 715-623-4039
Mobile 715-610-4668
Email: abcrockford@wisc.edu

Josie Spurgeon (Program Asst.) 715-623-4039
Email: jspurgeon@wisc.edu

Kevin Bula (Sr. Inspector) Home 715-627-4226
Mobile 715-610-3644
Email: kpbula@wisc.edu

Dianna Kessler (Inspector) Home 715-627-1361
Mobile 715-610-2640

James Meyer (Inspector) Home 715-627-7825
Mobile 715-610-3641

University of Wisconsin Lelah Starks Elite Foundation Seed Potato Farm

7749 CTH K, Rhinelander, WI 54501
715-282-5530 (Office) 715-282-7319 (FAX)

Keith Heinzen (Ag. Supervisor) Home 715-282-5288
Mobile 715-610-4667
Email: kheinzen@facstaff.wisc.edu

Joshua Kunzman (Res. Specialist) Mobile 608-692-2593
Email: kunzman@wisc.edu

George Neuber (Equip Operator) Mobile 715-216-9031

WISCONSIN SEED POTATO CERTIFICATION PROGRAM PERSONNEL



Staff members of the Wisconsin Seed Potato Certification Program. Includes personnel from Antigo (certification), Rhinelander (elite foundation seed farm), and Madison (tissue culture laboratory).

Back Row row (L-R) Josie Spurgeon, Terry Rolefson, Alex Crockford, Barry Eckardt, Jim Meyer, Keith Heinzen, Kevin Bula, Molly Mortiz, Rebecca Cowan, Andy Witherell, George Neuber, Travis Eckardt

Front row (L-R) Josh Kunzman, Jerry Kuzmarski, Rose Heinzen, Ana Yaipan, Dr. Amy Charkowski, Pat Ridderbusch, Brooke Babler, Dianna Kessler, Sean Toporek, Erin Hutchins.

WISCONSIN SEED POTATO IMPROVEMENT ASSOCIATION



The 2015 Wisconsin Seed Potato Improvement Association board of directors includes (L-R): Ron Krueger (President), Eric Schroeder (Vice President), Dan Kakes (Secretary/Treasurer), Bill Guenther and Charlie Mattek.

**WISCONSIN CERTIFIED SEED POTATO
GROWERS DIRECTORY**

Baginski, Ted & Sons, Inc.

N3474 County H, Antigo, WI 54409
Office/Farm **715-627-7753**
FAX 715-623-5412
Out of State 888-446-7753
Mike Baginski 715-627-7838
Mike Baginski Cell 715-216-1240
Email mike@baginskifarms.com

Bula Potato Farms, Inc.

W11957 Highland Rd., Antigo, WI 54409
Office / Warehouse **715-275-3430**
Office / Warehouse FAX 715-275-5051
Dennis Cell 715-216-1614
Adam Cell 715-216-1613
Email dennis@certifiedseedpotatoes.com

Bushman's Riverside Ranch, Inc.

N8151 Bushman Road Crivitz, WI 54114
Farm (Crivitz, WI) 715-757-2160
Jeff 715-927-4015
Jon 715-454-6201
FAX 715-757-2243
Email jssuchon@gmail.com

CETS LLC AstroTubers TM

N77W24677 Century CT, Sussex WI 53089
Office 262-246-1799
Fax 262-246-1762
Cell Phone 262-391-4705
Website: www.cetstech.com

Fleischman, David Farms

N2568 CTH HH, Antigo, WI 54409
Office **715-623-6353**
Fax 715-627-0183

Frito-Lay, Inc.

4295 Tenderfoot Rd., Rhinelander, WI 54501
Kyle Hibbard **715-365-1622**
FAX 715-365-1620

Gallenberg, Darwin & David

715-623-6586

W8636 County B, Bryant, WI 54418

Gallenberg Farms, Inc.

W7932 Edison Rd, Bryant, WI 54418
Farm **715-623-7018**
Roy Gallenberg 715-627-2906
John Gallenberg 715-623-2295
FAX 715-627-2043
Email rgallenberg@hotmail.com

Guenthner Farms, Inc.

N4653 Chillie Rd., Antigo, WI 54409

Farm	715-627-7683
Dwayne Guenthner	715-627-0403
Bill Guenthner	715-627-2792
Tom Schmidt	715-216-1953
FAX	715-627-0507

Guenthner Potato Co., Inc.

P.O. Box 320, Antigo, WI 54409

Office/Warehouse	715-623-7877
FAX	715-623-7127
Robert Guenthner	715-623-7877
Email	rhodagpci@gmail.com

Hafner Seed Farms, Inc.

W8243 County B, Bryant, WI 54418

Office/Warehouse	715-623-6829
FAX	715-623-4203
David Hafner	715-623-6902
John Hafner	715-623-6829

Hartman Farms, Inc.

N2846 County HH, Antigo, WI 54409

Michael Hartman Home	715-623-7083
Michael Hartman Cell	715-219-1802
Todd Hartman	715-610-6477
John Hartman	715-216-2059

Kakes Farms, Ltd.

W8539 Kakes Rd., Bryant, WI 54418

Farm	715-623-6348
Dan Kakes	715-623-7268
Dan Kakes Cell	715-216-6348
FAX	715-623-4614

Mach's Sunny Acres, Inc.

3236 County HH, Antigo, WI 54409

Office/Warehouse	715-623-5882
FAX	715-623-5882
Ronald Mach	715-623-6855
Kenneth Mach	715-627-4187
Email	rmach73@gmail.com

Mattek, J. W. & Sons, Inc.

N5798 Star Neva Rd., Deerbrook, WI 54424

Farm/Office	715-623-6963
FAX	715-627-7245
Jim Mattek	715-623-7391
John Mattek	715-623-6864
Joe Mattek	715-623-3156
Mobile	715-216-0599
Email	jwmattek@gmail.com

Northern Sand Farms

11263 CTH M, Crandon, WI 54520

David Bula

715-478-3349

Ed Bula

715-478-3437**Rine Ridge Farms, Inc.**

W8132 County O, Bryant, WI 54418

Farm/Office

715-627-4819

WATS

888-853-5690

FAX

715-627-4810

Ken Rine

715-623-6791

Ken's Mobile

715-216-0760

Dan's Mobile

715-216-0765

Email

rinerdg@yahoo.com

Schroeder Bros. Farms, Inc. /**Schroeder Farms, Ltd.**

N1435 County D, Antigo, WI 54409

Office/Farm

715-623-2689

FAX

715-627-4857

Warehouse, Schr. Farms, Ltd.

715-627-7022

John T. Schroeder

715-623-5735

Pete Schroeder

715-627-4069

Robert Schroeder

715-623-3113

Eric Schroeder Mobile

715-216-0186

Email

farm@sbfi.biz

John T Email

johnnt@sbfi.biz

Eric Email

eric@sbfi.biz

Seidl Farms, Inc.

N5677 Chillie Rd., Deerbrook, WI 54424

Farm/Office

715-623-6236

FAX

715-623-4377

Art Seidl

715-623-6236

Frank Seidl

715-484-2052

Jeff Fassbender

715-216-4433

Sowinski Farms, Inc. - Certified Seed

4698 Tenderfoot Road, Rhinelander, WI 54501

Paul Sowinski

715-272-1192

John Hein, Seed Mgr.

715-369-3225

Farm/Office

715-369-3225

FAX

715-369-3226

Email

heinscsf@yahoo.com

Sunnydale Farms, Inc.

W9751 County I, Bryant, WI 54418

Farm

715-627-7401

Mike Shafel Cell

715-216-4531

James Shafel Cell

715-216-4532

FAX

715-627-4114

Email

sunnydaleseed@yahoo.com

Vermont Valley Community Farm LLC**Organic Seed Potatoes**

4628 CTH FF, Blue Mounds, WI 53517

David or Jesse Perkins

608-212-7816

Email

potato@vermontvalley.com

Website

www.organicpotatoseed.com

Wild Seed Farms, Inc.

W9797 Cherry Rd., Antigo, WI 54409
Warehouse/Office **715-623-3366**
FAX 715-623-5245
Tom Wild Mobile 715-216-1223
Dan Wild Mobile 715-216-1225
Email wildseed@antigopro.net

Wirz, Inc.

N3581 Wirz Lane, Antigo, WI 54409
Donald Wirz **715-627-7739**
WATS 888-257-7739
FAX 715-627-4523
Mobile phone 715-216-4035
Shop 715-627-2860
Email wirzinc@yahoo.com
Website www.wirzinc.com

Eagle River Seed Farm LLC

Ron Krueger, Farm Manager
4334 Chain of Lakes Rd.
Eagle River, WI 54521
Eagle River Warehouse **715-479-8434**
FAX Eagle River **715-479-8792**
Email rlkrueger@charter.net
Mobile **715-891-0832**



Leonard Sorensen, Wayne Guyant, and Eddie Rydjeski planting at the UW Three Lakes State Farm circa 1970



Recent UW Potato Variety Releases



Accumulator: Round white with yield potential often 20% above comparable varieties. Full season cultivar with large vigorous vines. Variable tuber shape and large set. Intermediate eye depth, moderately netted skin. Susceptible to Common Scab.



Freedom Russet: Oblong russet. Late maturity. Plants vigorous, spreading. Good yield capacity and tuber size. Resistant to common scab and Verticillium wilt. Slightly lower specific gravity than *Russet Burbank*. Fresh market russet.



MegaChip: Medium short storage chipper, late maturity. Good yielding capacity, good tuber size (40% in the range of 6-10 oz). Very good specific gravity (1.083-1.090). Fairly resistant to early blight and early dying. Less sensitive to blackspot bruise than *Snowden*.



Nicolet: Round-oval white. Smooth skin and shallow eyes. Full season with good vine growth. High yielding chipper with good internal quality, medium to long storage chipping from 48° to 7 months. Susceptible to Common scab, moderate tolerance to Verticillium wilt.



Tundra: Round-oval white. Full season maturity. Very large vigorous canopy. Long storage chipper from 48°F for 6-9 months. Low defects. Specific gravity equivalent or higher than Atlantic. Moderate Common scab resistance.

New Licensed UW Varieties in Production



Pinnacle (W5015-12): High yielding round white with good chipping traits. Chips processed from potatoes stored at 48-50°F can retain light color for six months or more; typically several weeks longer than Snowden. Tolerant to *Verticillium*, susceptible to Common scab. In US Potato Board Fast-track with large scale commercial trials planned for 2014.



Red Endeavor (W6002-1R): Fresh market red with very uniform size, shallow eyes, and great color that holds in storage through February. Medium high yield potential, late maturity and long dormancy.



Oneida Gold (W6703-1Y): Fresh market yellow potato yielding similar or higher than Yukon Gold. Moderate resistance to common scab. Smooth skin and maintains good quality in storage.

For Trial Evaluation Purposes



W5955-1: long storage potato chipping clone with resistance to common scab and verticillium wilt. Can Fry after several months in cold storage (47°F)



W6609-3: Long storage chipping line with resistance to common scab. A unique combination of common scab resistance and tubers that frying color and quality after being stored in cold storages from September through April



W8405-1R Very smooth and uniform tuber size, round-oval tuber shape, shallow eyes, and nice red skin color that is maintained in storage, stores well

Potato Varieties and Numbered Selections Certified in Crop Year 2015*

A02507-2LB	Nicolet (W2133-1)
Accumulator	Oneida Gold (W6703-1Y)
Actrice	Peter Wilcox
Adirondack Blue	Pike
Adirondack Red	Pinnacle (W5015-12)
AF4296-3	Princess
AF4648-2	Purple Pelisse
Alegria	Reba
All Blue	Red Endeavor (W6002-1R)
Amarosa	Red Gold
Anuschka	Red LaSoda
Atlantic	
Austrian Crescent	Red La Soda 10-3
B2727-2	Red Maria
Bancock Russet	Red Norland
Beacon Chipper	Red Pontiac
Canela Russet	Rio Colorado
Carola	Rose Finn Apple
Dark Red Norland	Russet Burbank
Elfe	Russet Norkotah
Freedom Russet	Russet Norkotah Sel8
French Fingerling	Russet Norkotah TX 296
German Butterball	Russet Sebago
Goldrush	Russian Banana
Jacqueline Lee	Silverton
Jelly	Snowden
Kennebec	Soraya
Lamoka	Superior
Langlade	Teton Russet (A008-ITE)
Magic Molly	Tundra (W2310-3)
Manistee	Umatilla Russet
Marcy	Vitelotte
MegaChip	W10250-1P/PW-Fing
Mercury	W10251-1P/PW-Fing
Merlot	W5955-1
Molli	W6609-3
MSM 246-B	W84051R
MSQ 086-3	W9962-1RY/Y
MSR 127-2	Waneta (NY138)
MSS 428-2	Wega
MSV 301-2	White Pearl
MSW 358-3	Yukon Gold
MSW 485-2	Frito-Lay Varieties
MSW 509-5	UW Breeding Lines
NCO 349-3	

*through summer readings only

Important Notes on this Directory

- 1) An asterisk (*) denotes less than an acre.
- 2) LICENSED VARIETY after the variety name indicates seed production occurs under legal arrangement with the owner or agent of the variety, often involving fees.
- 3) 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.
- 4) 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.
- 5) Late blight notice: No late 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 warrantee, expressed or implied, on the organic certification of these potatoes.

See ATCP 156

https://docs.legis.wisconsin.gov/code/admin_code/atcp/140/156

This directory was prepared by the Wisconsin Seed Potato Certification Program, University of Wisconsin-Madison <http://labs.russell.wisc.edu/seedpotato/> and published by Hahn Printing, Eagle River, for the Wisconsin Seed Potato Improvement Association www.potatoseed.org

Wisconsin Certified Seed Potato Directory

Crop Year 2015

A02507-2LB	LICENSED VARIETY	*
Bula Potato Farms, Inc.		
Accumulator (W2324-1)	LICENSED VARIETY	
Eagle River Seed Farm LLC		1
Mach's Sunny Acres, Inc		10
Mattek, J. W. & Sons, Inc.		18
Total Acres Passed		29
Actrice	LICENSED VARIETY	*
Bula Potato Farms, Inc.		
Adirondack Blue	LICENSED VARIETY	
Gallenberg, Darwin & David		5
Adirondack Red	LICENSED VARIETY	
Gallenberg, Darwin & David		1
Vermont Valley Community Farm		*
Total Acres Passed		1
AF4296-3	LICENSED VARIETY	
Eagle River Seed Farm LLC		4
AF4648-2	LICENSED VARIETY	
Eagle River Seed Farm LLC		1
Alegria	LICENSED VARIETY	
Bula Potato Farms, Inc.		5
Eagle River Seed Farm LLC		*
Total Acres Passed		5
All Blue		
Vermont Valley Community Farm		*
Amarosa	LICENSED VARIETY	
Eagle River Seed Farm LLC		1
Anuschka		
Baginski, Ted & Sons, Inc.		6
Atlantic		
Eagle River Seed Farm LLC		1
Hafner Seed Farms, Inc.		65
Kakes Farms, Ltd.		67
Mach's Sunny Acres, Inc.		26
Mattek, J. W. & Sons, Inc.		130
Schroeder Bros. Farms, Inc		9
Schroeder Farms, Ltd.		68
Seidl Farms, Inc.		45
Sowinski Farms, Inc.- Cert. Seed		71
Sunnydale Farms, Inc.		33
Wild Seed Farms, Inc.		160
Wirz, Inc.		48
Total Acres Passed		723

Austrian Crescent	LICENSED VARIETY	
Eagle River Seed Farm LLC		*
Gallenberg, Darwin & David		*
Total Acres Passed		1
B2727-2	LICENSED VARIETY	
Eagle River Seed Farm LLC		*
Bannock Russet	LICENSED VARIETY	
Bula Potato Farms, Inc.		7
Beacon Chipper	LICENSED VARIETY	
Eagle River Seed Farm LLC		*
Mattek, J. W. & Sons, Inc.		21
Total Acres Passed		21
Canela Russet	LICENSED VARIETY	
Bula Potato Farms, Inc.		13
Carola		
Vermont Valley Community Farms		1
Elfe	LICENSED VARIETY	
Baginski, Ted & Sons, Inc.		21
Freedom Russet	LICENSED VARIETY	
Bula Potato Farms, Inc.		3
French Fingerling		
Vermont Valley Community Farm		1
German Butterball		
Vermont Valley Community Farm		1
Goldrush		
Baginski, Ted & Sons, Inc.		131
Bula Potato Farms, Inc.		41
Eagle River Seed Farm LLC		*
Fleischman, David Farms		4
Gallenberg Farms, Inc.		66
Guenther Farms, Inc.		32
Hafner Seed Farms, Inc.		36
Hartman Farms, Inc.		34
Kakes Farms, Ltd.		29
Schroeder Bros. Farms, Inc		239
Seidl Farms, Inc.		55
Vermont Valley Community Farm		1
Total Acres Passed		704
Jacqueline Lee	LICENSED VARIETY	
Zeloski, Felix Farms		3
Jelly	LICENSED VARIETY	
Baginski, Ted & Sons, Inc.		15
Schroeder Farms, Ltd.		18
Total Acres Passed		33

Kennebec	
Gallenberg, Darwin & David	9
Vermont Valley Community Farm	1
Total Acres Passed	10
Lamoka	LICENSED VARIETY
Hafner Seed Farms, Inc.	7
Mattek, J. W. & Sons, Inc.	187
Northern Sand Farms	6
Rine Ridge Farms, Inc.	179
Schroeder Bros. Farms, Inc	11
Schroeder Farms, Ltd.	124
Sowinski Farms, Inc.- Cert. Seed	6
Wild Seed Farms, Inc.	4
Wirz, Inc.	24
Total Acres Passed	548
Langlade	
Guenthner Farms, Inc.	16
Magic Molly	
Vermont Valley Community Farm	1
Manistee	
Eagle River Seed Farm LLC	1
Marcy	LICENSED VARIETY
Rine Ridge Farms, Inc.	12
MegaChip	LICENSED VARIETY
Baginski, Ted & Sons, Inc.	18
Gallenberg Farms, Inc.	22
Mattek, J. W. & Sons, Inc.	44
Rine Ridge Farms, Inc.	96
Schroeder Farms, Ltd.	9
Wirz, Inc.	24
Total Acres Passed	213
Mercury Russet	LICENSED VARIETY
Mattek, J. W. & Sons, Inc.	28
Merlot	LICENSED VARIETY
Eagle River Seed Farm LLC	1
Molli	LICENSED VARIETY
Bula Potato Farms, Inc.	12
MSM246-B	LICENSED VARIETY
Eagle River Seed Farm LLC	1
MSQ086-3	LICENSED VARIETY
Eagle River Seed Farm LLC	1
MSR127-2	LICENSED VARIETY
Eagle River Seed Farm LLC	1
MSS428-2	LICENSED VARIETY
Eagle River Seed Farm LLC	1
MSV301-2	LICENSED VARIETY
Eagle River Seed Farm LLC	*

MSW358-3	LICENSED VARIETY	
Eagle River Seed Farm LLC		*

MSW485-2	LICENSED VARIETY	
Eagle River Seed Farm LLC		*

MSW509-5	LICENSED VARIETY	
Eagle River Seed Farm LLC		*

NOC349-3	LICENSED VARIETY	
Eagle River Seed Farm LLC		*

Nicolet (W2133-1)	LICENSED VARIETY	
Northern Sand Farms		19
Sowinski Farms, Inc.- Cert. Seed		7

Total Acres Passed		26
--------------------	--	----

Norland (Dark Red Selection)		
Baginski, Ted & Sons, Inc.		69
Bula Potato Farms, Inc.		36
Eagle River Seed Farm LLC		27
Fleischman, David Farms		40
Gallenberg, Darwin & David		3
Gallenberg Farms, Inc.		62
Hartman Farms, Inc.		60
Schroeder Bros. Farms, Inc.		269
Schroeder Farms, Ltd.		105
Sunnydale Farms, Inc.		121
Vermont Valley Community Farm		1

Total Acres Passed		793
--------------------	--	-----

Norland (Red Selection)		
Baginski, Ted & Sons, Inc.		45
Eagle River Seed Farm LLC		48
Fleischman, David Farms		71
Hartman Farms, Inc		22
Schroeder Bros. Farms, Inc.		53
Seidl Farms, Inc.		23
Sunnydale Farms, Inc.		22

Total Acres Passed		284
--------------------	--	-----

Oneida Gold (W6703-1Y)	LICENSED VARIETY	
Fleischman, David Farms		1
Gallenberg Farms, Inc.		22
Hartman Farms, Inc		1
Sunnydale Farms, Inc.		1
Vermont Valley Community Farm		*

Total Acres Passed		25
--------------------	--	----

Peter Wilcox		
Vermont Valley Community Farm		*

Pike		
	Mattek, J. W. & Sons, Inc.	85
	Rine Ridge Farms, Inc.	18
	Schroeder Bros. Farms, Inc.	9
	Schroeder Farms, Ltd.	36
	Wirz, Inc.	51
	Total Acres Passed	198
Pinnacle (W5015-12)	LICENSED VARIETY	
	Hafner Seed Farms, Inc.	8
	Mattek, J. W. & Sons, Inc.	17
	Northern Sand Farms	24
	Sowinski Farms, Inc.- Cert. Seed	2
	Total Acres Passed	50
Princess	LICENSED VARIETY	
	Bula Potato Farms, Inc.	6
Purple Pelisse	LICENSED VARIETY	
	Eagle River Seed Farm LLC	1
Reba		
	Guenthner Farms, Inc.	24
Red Endeavor (W6002-1R)	LICENSED VARIETY	
	Gallenberg Farms, Inc.	25
	Hartman Farms, Inc.	5
	Schroeder Bros. Farms, Inc.	23
	Sunnydale Farms, Inc.	26
	Vermont Valley Community Farm	1*
	Total Acres Passed	83
Red Gold	LICENSED VARIETY	
	Vermont Valley Community Farm	*
Red LaSoda		
	Mach's Sunny Acres, Inc.	16
Red LaSoda 10-3		
	Eagle River Seed Farm LLC	1
	Guenthner Farms, Inc.	55
	Mach's Sunny Acres, Inc.	24
	Wild Seed Farms, Inc.	51
	Total Acres Passed	130
Red Maria	LICENSED VARIETY	
	Vermont Valley Community Farm	*
Red Pontiac		
	Gallenberg, David	3
Rio Colorado		
	Eagle River Seed Farm LLC	1
Rose Finn Apple		
	Baginski, Ted & Sons, Inc.	3
	Eagle River Seed Farm LLC	1
	Total Acres Passed	4

Russet Burbank

Baginski, Ted & Sons, Inc.	34
Schroeder Farms, Ltd.	44

Total Acres Passed	78
--------------------	----

Russet Norkotah

Baginski, Ted & Sons, Inc.	7
Fleischman, David Farms	50
Hafner Seed Farms, Inc.	47
Hartman Farms, Inc.	33
Mattek, J.W. & Sons, Inc.	18
Seidl Farms, Inc.	32

Total Acres Passed	186
--------------------	-----

Russet Norkotah Sel 8**LICENSED VARIETY**

Baginski, Ted & Sons, Inc.	47
Eagle River Seed Farm LLC	1
Mattek, J.W. & Sons, Inc.	17
Schroeder Bros. Farms, Inc.	148

Total Acres Passed	213
--------------------	-----

Russet Norkotah TX296**LICENSED VARIETY**

Schroeder Bros. Farms, Inc.	63
-----------------------------	----

Russet Sebago

Gallenberg, Darwin & David	1
----------------------------	---

Russian Banana**LICENSED VARIETY**

Baginski, Ted & Sons, Inc.	3
Eagle River Seed Farm LLC	1

Total Acres Passed	4
--------------------	---

Silverton**LICENSED VARIETY**

Baginski, Ted & Sons, Inc.	31
Bula Potato Farms, Inc.	116
Bushman's Riverside Ranch, Inc.	427
Eagle River Seed Farm LLC	34
Hafner Seed Farms, Inc.	19
Mattek, J.W. & Sons, Inc.	91
Schroeder Bros. Farms, Inc.	97

Total Acres Passed	814
--------------------	-----

Snowden

Hafner Seed Farms, Inc.	54
Kakes Farms, Ltd.	38
Mattek, J.W. & Sons, Inc.	241
Northern Sand Farm	26
Schroeder Bros. Farms, Inc.	19
Schroeder Farms, Ltd.	49
Seidl Farms, Inc.	57
Sowinski Farms, Inc.- Cert. Seed	59
Sunnydale Farms, Inc.	33
Wild Seed Farms, Inc.	27
Wirz, Inc.	130

Total Acres Passed	732
--------------------	-----

Soraya	LICENSED VARIETY	
Baginski, Ted & Sons, Inc.		7
Eagle River Seed Farm LLC		1
Total Acres Passed		8
Superior		
Baginski, Ted & Sons, Inc.		50
Bula Potato Farms, Inc.		13
Fleischman, David Farms		23
Gallenberg Farms, Inc.		62
Hafner Seed Farms, Inc.		42
Hartman Farms, Inc.		29
Mach's Sunny Acres, Inc.		8
Schroeder Bros. Farms, Inc.		32
Sunnydale Farms, Inc.		17
Vermont Valley Community Farm		1
Wild Seed Farms, Inc.		21
Total Acres Passed		298
Teton Russet (A008-ITE)	LICENSED VARIETY	
Guenthner Farms, Inc.		13
Tundra (W2310-3)	LICENSED VARIETY	
Northern Sand Farms		15
Umatilla Russet	LICENSED VARIETY	
Bula Potato Farms, Inc.		3
Northern Sand Farms		4
Total Acres Passed		7
Vitelotte	LICENSED VARIETY	
Eagle River Seed Farm LLC		*
W10250-1P/PW-Fing	LICENSED VARIETY	
Eagle River Seed Farm LLC		*
W10251-1P/PW-Fing	LICENSED VARIETY	
Eagle River Seed Farm LLC		*
W5955-1	MTA REQUIRED – TRIAL ONLY	
Bula Farms, Inc.		1
Eagle River Seed Farm LLC		3
Northern Sand Farms		1
Rine Ridge Farms, Inc.		1
Sowinski Farms, Inc.- Cert. Seed		1
Total Acres Passed		7
W6609-3	MTA REQUIRED – TRIAL ONLY	
Eagle River Seed Farm LLC		*
Northern Sand Farms		1
Rine Ridge Farms, Inc.		1
Total Acres Passed		2

W8405-1R **MTA REQUIRED – TRIAL ONLY**

Gallenberg Farms, Inc. *

Vermont Valley Community Farm *

Total Acres Passed ***W9962-1RY/Y** **LICENSED VARIETY**

Baginski, Ted & Sons, Inc. 3

Eagle River Seed Farm LLC 1

Total Acres Passed 4**Waneta (NY-138)** **LICENSED VARIETY**

Sowinski Farms, Inc.- Cert. Seed 1

Wega **LICENSED VARIETY**

Zeloski, Felix Farms 1

White Pearl **LICENSED VARIETY**

Northern Sand Farm 3

Yukon Gold

Bula Potato Farms, Inc. 30

Fleischman, David Farms 125

Gallenberg, Darwin & David 9

Sunnydale Farms, Inc. 32

Vermont Valley Community Farm *

Total Acres Passed 196**Frito-Lay varieties** **LICENSED VARIETIES**

Total Acres Passed 2184

UW Breeding Station lines 2

Total Acres Passed - All Varieties 8,932**www.potatoseed.org****The Wisconsin Advantage:****Seed Beyond Certification***A video highlighting the unique features of seed potato production and certification in Wisconsin.*

A free DVD is also available from the Wisconsin Potato and Vegetable Growers Association (715-623-7683).



The Lelah Starks Elite Foundation Seed Potato Farm



RTK guidance on row marker allows for modern practices



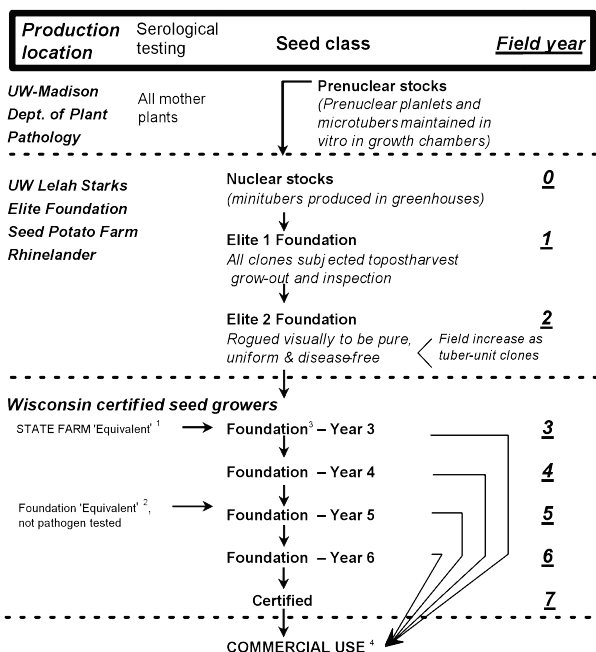
Weekly inspecting and roguing for type and virus.



Spray alleys planted with wheat for aphid control.



Sanitation between lots, more than 50 varieties grown



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.

Disease-free pre-nuclear plantlets are transported to the UW Lelah Starks Elite Foundation Seed Potato Farm in Rhinelander, 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							
	1 ²	2	3	4	5	6	7	8
Alaska	G1 ³	G2	G3	G4	G5	G6	G7	G8
California	G1	G2	G3	G4	G5	...	...	...
Colorado	G1	G2	G3	G4	G5	G6	...	...
Idaho	N	G1	G2	G3	G4	G5	G6	...
Maine	FY1	FY2	FY3	FY4	FY5	FY6	...	...
Michigan ⁶	FY1	FY2	FY3	FY4	FY5	FY6	...	...
Minnesota	G1	G2	G3	G4	G5	G6	C	...
Montana	N	G1	G2	G3	G4	...	...	...
Nebraska/ Wyoming	N	G1	G2	G3	G4	G5	...	...
Nevada	N	G1	G2	G3	G4	G5	...	...
New York ⁴	N1	N2	N3	G1	G2	G3	G4	G5
North Dakota	N	G1	G2	G3	G4	G5	C	...
Oregon	N	G1	G2	G3	G4	G5	...	...
Utah	N(G1)	G2	G3	G4	G5	G6	...	...
Washington	N	G1	G2	G3	G4	G5	...	...
Wisconsin ⁵	FY1	FY2	FY3	FY4	FY5	FY6	C	...
Canada	PE	E1	E2	E3	E4	F	C	...
	(G1)	(G2)	(G3)	(G4)	(G5)	(G6)	(G7)	

Revision Date: June 2012

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 AU@ to denote source.

^{5,6}FY = Foundation Year (Wisconsin), Field Year (Michigan).

New varieties from the University of Wisconsin Breeding Program



**Red Endeavor
(W6002-1R)**

- Uniform round tubers, shallow eyes
- Bright white flesh with few internal defects
- Medium red color retained in storage
- High yield potential, long dormancy



**Oneida Gold
(W6703-1Y)**

- Bright yellow skin with slight netting
- Medium yellow flesh
- High yield potential, full-season
- Superior tolerance to common scab

For variety information, contact Jeff Endelman (endelman@wisc.edu, 608-250-0754)

For licensing information, contact Emily Bauer (emily@warf.org, 608-262-8638)

Check crop directory for sources of certified seed





395 W Hwy 39, Blackfoot ID

Phone: 208-785-4285, Toll Free: 800-574-1852

Fax: 208-785-1060

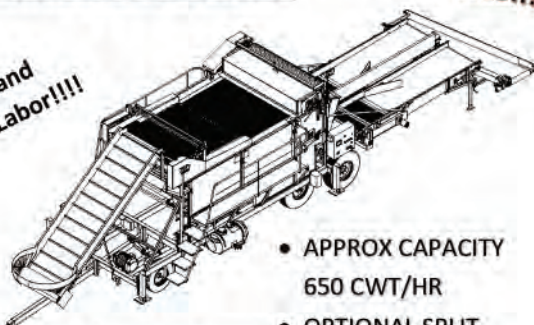
info@milestone-equipment.com

www.milestone-equipment.com

84" Potato Seed Cutter

NEW FOR 2015!!!

**Increase
Accuracy and
Reduce Labor!!!!**



- APPROX CAPACITY
650 CWT/HR
- OPTIONAL SPLIT
INSPECTION TABLE
W/RETURN
- FULL WIDTH ONE-
DROP BELT
- SMART RAM COULTER
QUICK ADJUST

MILESTONE REV AIR DEBRIS ELIMINATOR

- NEW PATENT PENDING
TECHNOLOGY ACHIEVES
UNPRECEDENTED DEGREE OF
ACCURACY ELIMINATING ALL
ORGANIC MATERIAL INCLUDING
CORN ROOTS/COBS, VINES AND
SOD
- NUMEROUS CONFIGURATIONS
TO SUIT GROWERS NEEDS
- EFFECTIVE ROCK, CLOD AND
ROTTEN POTATO ELIMINATION



NEW FOR 2015!!!



8364 Monica Road • Bancroft, WI 54921

Office: 715-335-6652 • Fax: 715-335-6653 • Cell: 715-498-6651

Email: paul@sandcountyequipment.com

**Wisconsin Potato and Vegetable
Growers Association, Inc.
P.O. Box 328
Antigo, WI 54409-0328**

NON PROFIT
US POSTAGE PAID
EAGLE RIVER WI
PERMIT NO 7