

CROP YEAR 2024



# Michigan Certified

SEED POTATOES



P.O. BOX 188  
RAPID RIVER, MI 49878  
PH: (231) 301-1392  
EMAIL: [DCKMSPA@GMAIL.COM](mailto:DCKMSPA@GMAIL.COM)

The potato industry and a large part of Northern Michigan lost a great friend this year in Jeff Axford. Jeff was a leader in his family, his community, his church, and the potato industry. He had friends throughout North America as part of the Michigan Seed Potato Association, which he managed for over 30 years. Many people came to appreciate his warm smile, humble competence, and uncommon integrity. Jeff built his own home with his own hands. He and Diann raised a family, Nick (married to



Katie) and Chelsea (married to Eric, mother to Maggie and Luke). Jeff loved and cared for his family and friends, and delighted in being a grandfather. He was always available if someone needed to talk or needed help with a project, and felt a little left out if it got done without him. Jeff left a gap. A gap exists because something that used to be there is now gone. The size of the gap is exactly as large as what was and is now missing. We need to appreciate that the large gap exists because the missing part was so amazing and important, and we need to recognize the privilege of having been part of what is now gone. Jeff left gaps in Gaylord, in Michigan, and across North America. Calling him a friend was a great privilege.

The following is from a short story called “Afterworld” by Anthony Doerr. “Every hour...all over the globe, an infinite number of memories disappear, whole glowing atlases dragged into graves. But during that same hour children are moving about, surveying territory that seems to them entirely new. They push back the darkness; they scatter memories behind them like breadcrumbs. The world is remade.” Luke and Maggie make this real.

In memorial to Jeff's legacy if anyone wants to make a contribution, there is a 529 college fund for Jeff's grandchildren, Maggie and Luke Reynhout, at the following address. Any checks will be split between the two accounts.

Edward Jones  
c/o Scott Swinehart  
147 W. River Valley Dr.  
Newago Michigan 49337

## **An important note for our valued seed customers:**

Beginning with the 2002 seed potato crop, Michigan has changed the seed class designation. All classes of certified seed potatoes in Michigan are now designated by the true age of the seed. The first year of field production is now referred to as Field Year 1, the second year of field production is now referred to as Field Year 2 and so on down the line through Field Year 6. So if you purchase Field Year 4 seed in Michigan, you can be assured that the seed is truly 4 years old.

This change was done for our customers' convenience. Please refer to the chart on the last page to see the comparison of seed classification systems by state.

### **Michigan Seed Potato Association Staff**

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#### **Damen Kurzer, Executive Director**

P.O. Box 188

Rapid River, MI 49878

Mobile 231-301-1392

Email [dckmspa@gmail.com](mailto:dckmspa@gmail.com)

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#### **Jeff Howard, Inspector**

P.O. Box 188

Rapid River, MI 49878

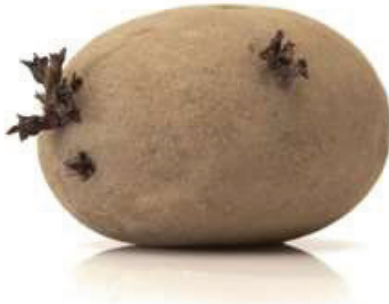
Mobile 989-370-1103

Email [jdhmspa@gmail.com](mailto:jdhmspa@gmail.com)

QUALITY SEED FROM ACROSS NORTH AMERICA...  
INCLUDING MICHIGAN'S MOST COVETED VARIETIES



**POTATO SERVICES**  
of Michigan



Call Tim, Matt, Curt, or Lisa

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Fax: 1-989-427-5042

[www.psomi.com](http://www.psomi.com)



MICHIGAN SEED POTATO ASSOCIATION

# 2024 & 2025 DIRECTORS



**Scott Hanson - President**

Hanson Seed Farm  
3595 26th Rd.  
Cornell, MI 49818

(906) 399-4263

**Jesse Cousineau - Secretary/Treasurer**

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Hardwood, MI 49834

(906) 458-1995

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Mecosta, MI 49332

(231) 460-6254

**Eric Makarewicz**

9243 Marker Rd.  
Elmira, MI 49730

(231) 357-1530

**Gary Walther**

Walther Seed Farm  
7108 N. County Rd. 403  
Newberry, MI 49853

(269) 271-2698

**Kelly Turner, Michigan Potato Industry Commission**

3515 West Road, Suite A  
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Fax (517) 253-7373

**Stefanie Rhodes, Michigan Department of Agriculture  
Plant Pathology Laboratory**

1615 S. Harrison Road  
East Lansing, MI 48823

(517) 449-7843

**Damen Kurzer, Executive Director**

P.O. Box 188  
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**Dr. Jaime Willbur, Assistant Professor**

Potato & Sugar Beet Pathology Program  
Department of Plant, Soil and Microbial Sciences  
Michigan State University  
612 Wilson Rd., 35  
Plant Biology Labs  
East Lansing, MI 48824  
Office: (517) 355-4754  
Lab: (517) 355-3863  
Cell: (269) 425-0048

Richard Norman Skogman, 62, of Ralph died unexpectedly on Friday, August 23, 2024, at his home in Ralph, MI. Richard was a lifelong potato farmer, being the 4th generation to own and operate the family farm that he and his wife worked on together. He had spent the last 13 years working side by side with his son Mathew, getting him established to take over when he retired. The immense wealth of knowledge that



Richard had when it came to farming, mechanics, fabrication was unmatched... if it was broke, he could fix it; if you could imagine it, he could fabricate it; if he needed it, he would build it. He was always willing to help friends and family with whatever project they were working on, he made sure everyone else was taken care of. He was always helping and teaching his kids to rebuild, remodel, and restore things. Richard didn't know how to sit still, he always had to be working on something and left no project unfinished, his work ethic was unparalleled. Richard enjoyed spending time fish-ing with his family, taking a ride "out back" to check for deer, play-ing cribbage and three-ball at camp, scouting for new deer blinds to make sure he would win the buck pool. He enjoyed watching Nascar races and his grandkids sporting events, going bowling and watching a good movie. You could always find one of his grandkids riding along in the tractor or the potato truck. He enjoyed taking his pontoon to Way Dam, where you'd find him every 4 th of July with his family, teaching his grandkids to drive the boat. Richard lived for his family; he loved to spend quality time with his wife, kids and grandkids. He lived a humble life, and it was the simple things that brought him the most joy. There aren't enough words to describe the wonderful life he lived, the impact he had on those who loved him, and the legacy he is leaving behind.

# WHY IT PAYS TO BUY MICHIGAN SEED POTATOES

SEED IS ONE OF THE MOST IMPORTANT INGREDIENTS TO THE TOTAL POTATO PRODUCTION MANAGEMENT PROGRAM. There is a variation among states as to how seed plots are maintained, however there has been a trend in the adoption of the limited generation programs. Michigan was one of the leaders in the United States to adopt this scheme when it was initiated in 1964.

The limited generation program in Michigan utilizes the tissue culture system. Within the tissue culture system plants are produced under aseptic conditions, tested for disease, and transplanted in the greenhouse to produce the nuclear class of seed or what is commonly known as mini-tubers. These mini-tubers, under normal field conditions, produce the field year 1 class. The following year, the field year 2 class is produced from the field year 1 class seed. This process continues through the field year 6 class, after which the seed lot is no longer eligible for recertification. Rigid inspections and standards are maintained to help ensure that the best quality seed is made available to the buyer.

Seed plot producers continually make selections of individual hills from their field production in order to identify the best possible seed qualities to reenter into the seed program through the tissue culture process.

All seed lots entered for certification are winter tested in Hawaii. The results of the winter test are available in late January.

KNOWING SOMETHING ABOUT THE SEED GROWER, THE SEED SOURCE, THE SEED CLASS AND THE SEED PROGRAM PROVIDES ASSURANCE THAT CERTAIN STANDARDS HAVE BEEN MET. If you wish to learn more about the details of the rules, regulations, and tolerances for Michigan Seed Potato production, please contact the Michigan Seed Potato Association.



# DEFINITION - "ZERO TOLERANCE"

Based on a representative sampling and visual observation, zero (0%) was detected in that seed lot. *This shall not be construed to mean that the lot inspected is free of defect, but rather none was found during the inspection process.*

## FORWARD

This directory is provided as a service to identify the growers of Michigan Certified Seed Potatoes. *The list contains only those seed lots ENTERED for seed CERTIFICATION.*

**FINAL CERTIFICATION IS NOT COMPLETE UNTIL FIELD AND STORAGE INSPECTIONS, WINTER TESTS, AND SHIPPING AND GRADING INSPECTIONS HAVE BEEN COMPLETED AND EACH CONTAINER BEARS A CERTIFICATION TAG OR BULK CERTIFICATION CERTIFICATE.**

Michigan seed grades conform to the U.S. Standards for grades of seed potatoes, except as stated in Regulation No. 628. "Blue Tag" grade is the most commonly used grade and meets the requirements of the U.S. No. 1 seed potato grade. Size shall not be less than 1 1/2" nor more than 3 1/4 inches in diameter or 12 ounces in weight, unless otherwise specified.

**Buyers of Michigan Seed Potatoes should receive with each shipment a copy of the current shipping inspection report whether the potatoes are bagged or bulk.**

For further information on Michigan Seed Potatoes refer to the Rules and Regulations of Seed Potato Certification No. 628 or contact the Michigan Seed Potato Association.

## DISCLAIMER OF WARRANTY

Seed certification does not constitute a warranty by the Michigan Seed Potato Association beyond the express representation that the seed has been inspected by the Michigan Seed Potato Association and has passed the field, storage, and seed inspection regulation No. 628, as amended. All tests performed in connection with the certification process are subject to the standard acceptable limits. By acceptance of the seed potatoes, the buyer expressly agrees that the exclusive remedy for breach of any warranty shall be limited in all events to a return of the purchase price of the seed.



# MICHIGAN DEPARTMENT OF AGRICULTURE & RURAL DEVELOPMENT

Fruit & Vegetable Inspection Service  
Phone (517) 512-3603  
*F&V Inspection*

*Alex Ballard*  
*Nicholas Meekhof*  
*Rob Witgen*

*Matt Fadanelli*  
*Casey Hill*  
*Ian Wenk*

**STATEWIDE** - Tricia Bizoukas (517) 512-3603

***Cwt of bulked stored potatoes =***  
**Pile length x Pile width x Pile height**  
**2.3**  
**(pile dimensions in feet)**

## ***Temperature Conversions***

°F - 32

°C = 1.8      °F = ( °C x 1.8 ) + 32



## **Units of Measure**

1 inch = 2.54 centimeters  
1 foot = 12 inches, 30.48 centimeters  
1 yard = 3 feet, 0.9144 meter  
1 centimeter = 0.3937 inches  
1 meter = 39.37 inches, 100 centimeters  
1 kilometer = 0.62 miles, 1,000 meters  
1 mile = 5,280 feet, 1.609 kilometers  
1 rod = 16.5 feet  
1 square foot = 144 square inches  
1 square yard = 9 square feet  
1 square rod = 30.253 square yards  
1 acre = 43,560 square feet, 4,840 square yards  
1 section = 640 acres

1 hectare = 2.47 acres  
1 tablespoon = 3 teaspoons  
1 fluid ounce = 2 tablespoons, 29.574 milliliters  
1 cup = 8 fluid ounces  
1 pint = 16 fluid ounces  
1 quart = 32 fluid ounces, .946 liter  
1 liter = 1.057 quarts  
1 gallon = 128 fluid ounces, 3.785 liters  
1 cubic foot = 1,728 cubic inches  
1 cubic yard = 27 cubic feet  
1 pound = 16 ounces, 453.592 grams  
1 ounce = 28.3495 grams  
1 kilogram = 1,000 grams, 2.2 pounds

# APPLIED ACRES

## by County & Variety

	ANTRIM	DELTA	DICKINSON	KALKASKA	LUCE	PRESQUE ISLE	TOTAL
13008-1RUS	0	0	0.5	0	0	0	0.5
ATLANTIC	16	0	0.1	0	0	0	16.1
BLACKBERRY	-	-	-	1.2	-	-	1.2
BLISS	-	0.2	0.4	35.8	-	9.1	45.5
BONAFIDE	-	2.3	-	-	-	-	2.3
CARIBOU RUSSET	-	-	14	-	-	-	14
DUNDEE	-	1.1	-	58.6	-	-	59.7
GOLDFISH	-	-	-	11	-	-	11
JELLY	24	-	-	-	-	-	24
LADY LIBERTY	-	-	54.5	16.3	-	-	70.8
LAMOKA	35	38.5	-	38	45.7	-	157.2
MACKINAW	55.5	3	59	46.1	2.2	71	236.8
MALOU	17	-	-	-	-	-	17
MANISTEE	-	113.7	248	158.8	2.8	-	523.3
PAIGE	-	-	-	-	5.1	-	5.1
PETOSKEY	-	-	-	-	1.8	-	1.8
PROPRIETARY VARIETIES	-	-	-	208.8	405.6	211	825.4
REBA	-	20.6	-	-	-	-	20.6
REVELLE RUSSET	13	104.2	-	-	-	3	120.2
RUSSET BURBANK	-	-	205.2	-	-	-	205.2
RUSSET NORKOTAH	-	-	40	-	-	-	40
SILVERTON RUSSET	-	0.1	-	-	-	-	0.1
SNOWDEN	30	20.8	-	37.9	-	-	88.7
UMATILLA RUSSET	-	-	46	-	-	-	46
VANGUARD	-	-	-	-	1.7	-	1.7
TOTALS	190.5	304.5	667.7	612.5	464.9	294.1	2534.2

# 2024 MSPA Inspection Service Fees

*(subject to change by the MSPA Board of Directors)*

## Field Year 1 thru Field Year 6

\$44.00 per acre

with a minimum charge of \$44.00 per lot  
on lots less than 1 acre.

(includes certification tags/promotion)

## Non-Certified - \$14 .00 per acre

*(must be planted with certified seed and grower must have other  
production entered for certification.)*

# SEED REQUIRED TO PLANT ONE ACRE

## 34" Row Spacing

Seed piece spacing	Seed piece weight			
	1 oz.	1 1/2 oz.	1 3/4 oz.	2 oz.
	<b>cwt</b>			
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 spacing	Seed piece weight			
	1 oz.	1 1/2 oz.	1 3/4 oz.	2 oz.
	<b>cwt</b>			
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

# MICHIGAN SEED POTATO GROWERS

*Name, Address*

*Telephone*

## C

### **Cousineau Farm**

W403 Tichelaar Rd.  
Hardwood, MI 49834

Dickinson Co.

(906) 246-3447  
Jesse: (906) 458-1995

## H

### **Hanson Seed Farm L.L.C.**

3595 26th Road  
Cornell, MI 49818

Delta Co.

(906) 384-6908  
Scott: (906) 399-4263  
Ted: (906) 280-5317

## I

### **Iott Seed Farms, Inc.**

4637 Cool Road  
Kalkaska, MI 49646

Kalkaska Co.

(231) 258-8294  
fax: (231) 258-5996  
Dennis: (231) 590-4886  
Greg: (231) 499-4113  
Bryan: (231) 590-5825  
email: dennis@iottseed.com  
email: greg@iottseed.com  
email: bryan@iottseed.com  
website: www.iottseed.com

## J

### **Johnson Brothers**

W 9662 M-69  
Sagola MI 49881

Dickinson Co.

(906) 542-3356  
(906) 282-0181

## M

### **Marker Farms L.L.C.**

Rt #1, 9243 Marker Rd.  
Elmira, MI 49730

Antrim Co.

John: (231) 357-3992  
Tom: (231) 357-8293  
Office: (231) 546-3856



## S

### **Sackett Seed LLC**

2797 W. Hawks Hwy.

Hawks, MI 49743

Presque Isle Co.

Tyler Idalski: (989) 255-5185

Brian Sackett: (231) 250-3131

Office: (989) 734-2755

email: tyleridalski@sackettpotatoes.com

email: briansackett@sackettpotatoes.com

### **Sklarczyk Seed Farm L.L.C.**

8710 M-32 East

Johannesburg, MI 49751

Otsego Co.

Ben: (989) 858-0141

Alison (989) 858-0697

Office: (989) 732-5333

email: alison.sklarczyk@gmail.com

email: ben@ssfseedpotatoes.com

website: www.ssfseedpotatoes.com

### **Skogman Seed Farm**

N10038 Cootware Rd.

PO Box 2

Ralph, MI 49877

Dickinson Co.

(906) 221-9510

skogmanseed@hotmail.com

### **S&L Seed Farm**

N6667 Cheese Factory Rd.

Foster City, MI 49834

Dickinson Co.

(906) 246-4020

Matt: (906) 221-4666

### **Spudland Farms**

W9155 Bice Creek Road

Sagola, MI 49881

Dickinson Co.

Farm: (906) 542-3356

Jason: (906) 282-4093

Faith: (906) 282-3881

email: fkuzak@gmail.com

## W

### **Walther Seed Farms**

7108 N County Rd 403

Newberry, MI 49853

Luce Co.

(906) 293-3185

Gary: (269) 271-2698

Michael: (269) 816-2732

Ryan: (337) 331-4782



# GROWERS BY VARIETY

	ACRES	CLASS
<b>13008-1RUS</b>		

Skogman Seed Farm - Dickinson Co. (906) 246-3032	0.50	FY4
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<b>ATLANTIC</b>		
Marker Farms L.L.C. - Antrim Co. (231) 546-3856	16.00	FY5
Skogman Seed Farm - Dickinson Co. (906) 246-3032	0.10	FY1

<b>BLACKBERRY</b>		
lott Seed Farm - Kalkaska Co. (231) 258-8294	1.2	FY2
	7.50	N/C

<b>BLISS</b>		
Hanson Seed Farm- Delta Co. (906) 384-6908	0.20	FY1
lott Seed Farm - Kalkaska Co. (231) 258-8294	10.00	FY3
	25.80	FY4
Sackett Potatoes (989) 734-2755	0.10	FY1
	9.00	FY3
Skogman Seed Farm - Dickinson Co. (906) 246-3032	0.40	FY1

<b>BONAFIDE</b>		
Hanson Seed Farm- Delta Co. (906) 384-6908	0.30	FY2
	2.00	FY3

<b>CARIBOU RUSSET</b>		
Johnson Brothers - Dickinson Co. (906) 542-3356	14.00	FY3

<b>DUNDEE</b>		
Hanson Seed Farm- Delta Co. (906) 384-6908	1.00	FY2
	0.10	FY1
lott Seed Farm - Kalkaska Co. (231) 258-8294	0.20	FY2
	10.00	FY3
	48.40	FY4

<b>GOLDRUSH</b>		
lott Seed Farm - Kalkaska Co. (231) 258-8294	11.00	FY3

**JELLY**

		ACRES	CLASS
Marker Farms L.L.C. - Antrim Co.	(231) 546-3856	24.00	FY4

**LADY LIBERTY**

Cousineau Potato - Dickinson Co.	(906) 246-3447	8.00	CFY3
		46.50	FY5
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	16.30	FY3

**LAMOKA**

Hanson Seed Farm- Delta Co.	(906) 384-6908	1.00	FY1
		4.50	FY2
		33.00	FY4
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	38.00	FY3
Marker Farms LLC - Antrim Co.	(231) 546-3856	35.00	FY4
Walther Seed Farm - - Luce Co.	(906) 293-3185	1.10	FY1
		4.60	FY2
		40.00	FY3

**MACKINAW**

Hanson Seed Potato - Delta Co.	(906) 384-6908	0.20	FY1
		2.80	FY2
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	20.40	FY5
		25.70	FY3
Marker Farms LLC - Antrim Co.	(231) 546-3856	0.50	FY1
		5.00	FY2
		50.00	FY3
S & L Seed Farm - Dickinson Co.	(906) 246-4020	28.00	FY3
		31.00	FY4
Sackett Potatoes	(989) 734-2755	1.00	FY1
		9.00	FY2
		61.00	FY3
Walther Seed Farms - Luce Co.	(906) 293-3185	2.20	FY2

**MALOU**

Marker Farms LLC - Antrim Co.	(231) 546-3856	17.00	FY4
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		ACRES	CLASS
<b>MANISTEE</b>			
Cousineau Potato - Dickinson Co.	(906) 246-3447	4.00	FY3
		45.00	CFY5
Hanson Seed Farm- Delta Co.	(906) 384-6908	0.20	FY1
		3.50	FY1
		22.00	FY2
		88.00	FY3
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	69.00	FY3
		89.80	FY4
S & L Seed Farm - Dickinson Co.	(906) 246-4020	73.00	FY5
		88.00	FY4
Skogman Seed Farm - Dickinson Co.	(906) 246-3032	1.00	FY1
		8.00	FY2
		29.00	FY3
Walther Seed Farms - Luce Co.	(906) 293-3185	2.80	FY2
<b>PAIGE</b>			
Walther Seed Farms - Luce Co.	(906) 293-3185	0.90	FY1
		4.20	FY2
<b>PETOSKEY</b>			
Walther Seed Farms - Luce Co.	(906) 293-3185	1.80	FY2
<b>REBA</b>			
Hanson Seed Farm- Delta Co.	(906) 384-6908	0.10	FY1
		1.00	CFY3
		1.50	FY2
		18.00	CFY4
<b>REVEILLE RUSSET</b>			
Hanson Seed Farm- Delta Co.	(906) 384-6908	0.10	FY1
		2.10	FY1
		13.00	FY2
		89.00	FY3
Marker Farms - Antrim Co.	(231) 546-3856	13.00	FY3
Sackett Potatoes	(989) 734-2755	3.00	FY2



**RUSSET BURBANK**

Johnson Brothers - Dickinson Co.	(906) 542-3356	17.00	FY4
		58.00	FY4
Spudland Farms - Dickinson Co.	(906) 542-3356	27.00	FY4
		103.20	FY4

**RUSSET NORKOTAH**

Johnson Brothers - Dickinson Co.	(906) 542-3356	40.00	FY4
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**SILVERTON RUSSET**

Hanson Seed Farm- Delta Co.	(906) 384-6908	0.10	FY1
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**SNOWDEN**

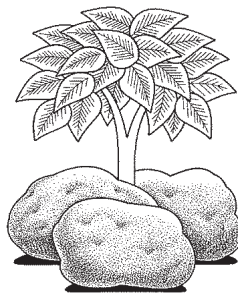
Hanson Seed Farm- Delta Co.	(906) 384-6908	0.30	FY1
		4.50	FY2
		16.00	FY3
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	37.90	FY3
Marker Farms - Antrim Co.	(231) 546-3856	30.00	FY4

**UMATILLA RUSSET**

Johnson Brothers - Dickinson Co.	(906) 542-3356	46.00	FY3
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**VANGUARD RUSSET**

Walther Seed Farms - Luce Co.	(906) 293-3185	1.70	CFY2
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[techmark@techmark-inc.com](mailto:techmark@techmark-inc.com)

# VIRUS READINGS

(BY VARIETY)

(All Virus Readings are from summer field readings and are based on Visual Inspections.)

GROWER	CLASS	ACRES	%MOSAIC	%LEAF ROLL
<b>13008-1RUS</b>				
SKOGMAN	FY4	0.50	0	0
<b>ATLANTIC</b>				
MARKER	FY5	16.00	0.17	0
SKOGMAN	FY1	0.10	0	0
<b>BLACKBERRY</b>				
IOTT	FY2	1.20	0	0
	N/C	7.50	0	0
<b>BLISS</b>				
HANSON	FY1	0.20	0	0
IOTT	FY3	10.00	0	0
	FY4	25.80	0	0
SACKETT	FY1	0.10	0	0
	FY3	9.00	0	0
SKOGMAN	FY1	0.40	0	0
<b>BONAFIDE</b>				
HANSON	FY2	0.30	0	0
	FY3	2.00	0	0
<b>CARIBOU RUSSET</b>				
JOHNSON	FY3	14.00	0	0
<b>DUNDEE</b>				
HANSON	FY1	0.10	0	0
	FY2	1.00	0	0
IOTT	FY2	0.20	0	0
	FY3	10.00	0	0
	FY4	48.40	0	0
<b>GOLDRUSH</b>				
IOTT	FY3	11.00	0	0
<b>JELLY</b>				
MARKER	FY4	24.00	0	0

GROWER	CLASS	ACRES	%MOSAIC	%LEAF ROLL
<b>LADY LIBERTY</b>				
COUSINEAU	FY5	46.50	0	0
	CFY3	8.00	0	0
IOTT	FY3	16.30	0	0
<b>LAMOKA</b>				
HANSON	FY1	1.00	0	0
	FY2	4.50	0	0
	FY4	33.00	0	0
IOTT	FY3	38.00	0	0
MARKER	FY4	35.00	0	0
WALTHER	FY1	1.10	0	0
	FY2	4.60	0	0
	FY3	40.00	0.025	0
<b>MACKINAW</b>				
HANSON	FY1	0.20	0	0
	FY2	2.80	0	0
IOTT	FY5	20.40	0	0
	FY3	25.70	0	0
MARKER	FY1	0.50	0	0
	FY2	5.00	0	0
	FY3	50.00	0	0
SACKETT	FY1	1.00	0	0
	FY2	9.00	0	0
	FY3	61.00	0	0
S & L SEED	FY3	28.00	0	0
	FY4	31.00	0	0
WALTHER	FY2	2.20	0	0
<b>MALOU</b>				
MARKER	FY4	17.00	0	0
<b>MANISTEE</b>				
COUSINEAU	FY3	4.00	0	0
	CFY5	45.00	0	0
HANSON	FY1	0.20	0	0
	FY1	3.50	0	0
	FY2	22.00	0	0
	FY3	88.00	0	0
IOTT	FY3	69.00	0	0
	FY4	89.80	0	0
SKOGMAN	FY1	1.00	0	0
	FY2	8.00	0.039	0
	FY3	29.00	0.028	0
WALTHER	FY2	2.80	0	0

GROWER	CLASS	ACRES	%MOSAIC	%LEAF ROLL
<b>PAIGE</b>				
WALTHER	FY1	0.90	0	0
	FY2	4.20	0	0
<b>PETOSKEY</b>				
WALTHER	FY2	1.80	0	0
<b>REBA</b>				
HANSON	FY1	0.10	0	0
	CFY3	1.00	0.34	0
	FY2	1.50	0	0
	CFY4	18.00	0.28	0
<b>REVEILLE RUSSET</b>				
HANSON	FY1	0.10	0	0
	FY1	2.10	0	0
	FY2	13.00	0	0
	FY3	89.00	0	0
MARKER	FY3	13.00	0.189	0
SACKETT	FY2	3.00	0	0
<b>RUSSET BURBANK</b>				
JOHNSON	FY4	17.00	0.17	0
	FY4	58.00	0	0
SPUDLAND	FY4	27.00	0	0
	FY4	103.20	0.100	0
<b>RUSSET NORKOTAH</b>				
JOHNSON	FY4	40.00	0	0
<b>SILVERTON RUSSET</b>				
HANSON	FY1	0.10	0	0
<b>SNOWDEN</b>				
HANSON	FY1	0.30	0	0
	FY2	4.50	0	0
	FY3	16.00	0	0
IOTT	FY3	37.90	0	0
MARKER	FY4	30.00	0.019	0
<b>UMATILLA RUSSET</b>				
JOHNSON BROS.	FY3	46.00	0	0
<b>VANGUARD RUSSET</b>				
WALTHER	CFY2	1.70	0	0

# SAME FIELDS, HIGHER YIELDS.

**Nutrien**  
Ag Solutions™  
GREAT LAKES

Find us at the  
MI Winter Potato  
Conference!

**PureGrade**  
Liquid Fertilizer

Including PureGrade® Liquid Fertilizers in your program will ensure your crop has the nutrients to reach its full potential. PureGrade Liquid Fertilizers include both Low-Salt Starters and Low-Salt Foliar, and are compatible with MicroSolutions EDTA Chelated Micronutrients. Contact Nutrien-Great Lakes, leaders in high leverage crop fertility programs, to learn more about PureGrade Liquid Fertilizers and MicroSolutions Micronutrients.

## FEATURES

- Chloride free
- Near neutral pH
- 100% water soluble
- Trouble-free
- Non-corrosive
- Low rates per acre

## AVAILABLE PRODUCTS

7-25-5 GoldStart®	3-18-18 GoldStart	17-0-4-7
9-18-9 GoldStart	10-10-10 GoldStart	Custom Mixes
5-15-15 GoldStart	5-18-10-1 GoldStart	20-0-0-8 Nitro-S
6-24-6 GoldStart	Chelated Micronutrients	0-0-30 Pot Carb

*Nutrien-Great Lakes also handles a full line of humic and biological products. Custom mixes available upon request.*

Nutrien - Great Lakes is an authorized retailer of PureGrade Liquid Fertilizer

## Nutrien - Great Lakes

5053 County 420-21st Road | Gladstone, MI 49837

### Contact

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## CHARACTERISTICS OF ESTABLISHED & NEW POTATO VARIETIES

Variety	Year Released	Agency/State	Tuber Type	Primary Use	Maturity	Specific Gravity	Strengths	Weaknesses
<b>ROUND WHITES</b>								
Atlantic	1976	USDA-Beltsville	fd-wh	chips	med-late	high	Ex. chip color, some tol. to VW	Sus. to CS, HH & heat necrosis poor storability.
Lady Liberty	2019	Cornell Univ	rd-wh	chips	med-late	low-med	Tol to CS, high yield potential, low int def.	Thin skin, avg to below avg SG, sus. to bl. spot bruise.
Mackinaw	2019	MSU	rd-wh	chips	mid-late	high	Res. to pvy, late blight & rhizic. Tol. to CS	Sus. to black spot bruise.
Snowden	1990	Wisconsin	rd-wh	chips	late	high	Ex. chip color; high SG; chips out of 45 degrees F. Good storage.	Sets heavy; CPB attracted to foliage; tubers undersized at closer spacing.
Superior	1961	Wisconsin	rd-wh	fresh	early	med	Ex. general appearance; res. to CS,	sus. to VW & pressure bruise in long term storage.
Reba	1992	New York	round white	fresh	med - late	low	High yield, bright skin, good shape low internal defect resistant to golden nematode med to shallow eyes	Early & late blight sus. moderately sus. to scab
Lamoka	2011	New York	round	chips	late	high	Scab resistance, late storage.	Susceptible to pythium leak & foliar blackleg
Manistee	2013	MSU	round	chips	late	high	High yielding, shallow eyes, strong vine late storage.	Moderate scab susceptibility.

YELLOW FLESH							
Yukon Gold	1980	Ag-Canada Ontario	rd-golden (yellow flesh)	fresh	med-early	med Good general appearance; res. to mild mosaic.	Sus. CS, PVY and leaf roll, Sus. HH, Slow early growth.
REDS							
Norland	1957	North Dakota	rd-red	fresh	early	low Smooth appearance; res. to PVY. Dark red selections have good skin color.	Average yields; poor intensity of red color sus. to PVY
Red LaSoda	1953	USDA/Louisiana	round red	fresh	early-med	low High Yield Bright Red Color	Deep eyes off types sus. to early & late blight, scab, bacterial wilt.
LONG TYPES							
Caribou Russet	2017	Maine	lg-rus	fresh/frozen processing	mid	med Mod res. to CS, high perc. of US No 1, Res to HH	Sus. to & poor exp. of PVY, short dormancy
Gold Rush	1992	North Dakota	lg-rus	fresh	med	low-med Res. to HH, more tolerance to early die and scab than Russet Norkotah. Whiter flesh color than Rus. Norkotah.	Tuber shape not as uniform as Rus. Norkotah. Sus. to late blight.
Reveille Russet	2018	Texas A&M	lg-rus	fresh	med	low-med Res. to CS, br ctr, HH and Pink Eye.	Sus. to Vert, late blight, w/ some sus. to PVY & BRR.
Russet Burbank	1914	Selected by Sweet from Burbank.	lg-rus	fresh frozen processing	late	high Ex. French fries; good long-term storage; res. to CS.	Sus. to most diseases; needs irrigation to minimize off-type tubers.
Russet Norkotah	1987	North Dakota	lg-rus	fresh	med	low-med Excellent long russet type high % No. 1's	Sus. to early die and hollow heart. Poor expression of PVY.

CS = Common Scab • HH = Hollowheart • PVY = Potato Virus Y • PVX = Potato Virus X • SG = Specific Gravity • CPB = Colorado Potato Beetle • VW Verticillium Wilt



# NUCLEAR PRODUCTION

**SKLARCZYK SEED FARM L.L.C.**

**(989) 731-5452**

Adirondak Blue	Mackinaw	Russet Norkotah 278
Atlantic	Manistee	Russet Norkotah 296
Austrian Crescent	Modoc	Sangre
Bannock Russet	Mountain Gem	Silverton Russet
Blackberry	MSBB058-1	Snowden
Bliss	MSDD244-5	Umatilla Russet
Caribou Russet	MSDD247-7	Upstate Abundance
Challenger	MSDD247-11	Waneta
Ciklamen	NY118	Yukon Gold
Clearwater Russet	NY149	
Colomba	NY174	
Dakota Pearl	NY177	
Dakotah Russet	Petoskey	
Defender	Pomerelle Russet	
DK Red Norland Z2	Portage Russet	
Dundee	Purple Majesty	
French Fingerling	Ranger Russet	
Genesee	Reba	
Golden Globe	Red LaSoda 10-3	
Huckleberry Gold	Red Norland	
Kennebec	Reveille Russet	
Keuka Gold	Russet Burbank	
Lady Liberty	Russet Norkotah	
Lamoka	Russet Norkotah 3	
La Ratte	Russet Norkotah 8	
Lehigh	Russet Norkotah 112	
Loman	Russet Norkotah 223	

# NUCLEAR PRODUCTION

**MICHIGAN STATE UNIVERSITY**

**(517) 884-6946**

Blackberry

MSGG039-11Y

MSBB058-1

MSDD247-11

## LIMITED GENERATION CERTIFIED SEED POTATOES

Field Planting Equivalency Table<sup>1</sup>

Agency	YEAR IN THE FIELD <sup>2,3</sup>							
	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 <sup>5</sup>	FY1	FY2	FY3	FY4	FY5	FY6	FY7	----
Maine <sup>5</sup>	FY1	FY2	FY3	FY4	FY5	----	----	----
Michigan <sup>5</sup>	FY1	FY2	FY3	FY4	FY5	FY6	----	----
Minnesota	G1	G2	G3	G4	G5	G6	C	----
Montana	N	G1	G2	G3	G4	G5	----	----
Nebraska/Wyoming <sup>5</sup>	FY1	FY2	FY3	FY4	FY5	FY6	----	----
Nevada	N	G1	G2	G3	G4	G5	----	----
New York <sup>4</sup>	(U)G1	(U)G2	(U)G3	G4	G5	G6	----	----
North Dakota <sup>5</sup>	FY1	FY2	FY3	FY4	FY5	FY6	C	----
Oregon <sup>5</sup>	FY1	FY2	FY3	FY4	FY5	FY6	----	----
Utah	N(G1)	G2	G3	G4	G5	G6	----	----
Washington	N	G1	G2	G3	G4	G5	----	----
Wisconsin <sup>6</sup>	FY1	FY2	FY3	FY4	FY5	FY6	C	----
Canada	PE	E1	E2	E3	E4	F	C	----

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

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

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

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

<sup>5</sup>FY = Field Year

<sup>6</sup>FY = Foundation Year

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

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