



# *Michigan Certified*

SEED POTATOES



**CROP  
YEAR 2011**



P.O. Box 1865  
Gaylord, MI 49734  
PH: (989) 732-4433  
FAX: (989) 732-4770  
e.mail: [mSPA@i2k.com](mailto:mSPA@i2k.com)

## **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**

#### **Jeff Axford, Executive Director**

P.O. Box 1865  
Gaylord, MI 49734

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Mobile 989-350-1130

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

8114 Dudd Rd.  
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Office 989-983-4283

Mobile 989-370-1103

MICHIGAN SEED POTATO ASSOCIATION

# 2011 & 2012 DIRECTORS



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(517) 337-5083

**Jeff Axford, Executive Director**

P.O. Box 1865  
Gaylord, MI 49734

(989) 732-4433

# 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 south Florida. 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**

**DISTRICT OFFICES  
AND INSPECTION STAFF**

**Region II (Northern & Upper Peninsula)**

Fruit & Vegetable Inspection Service

Phone (517) 241-2978

*Robert McCully Supervisor,*

*Brent Gilley, Jeff Bugni*

**Region III (Central)**

Fruit & Vegetable Inspection Service

Phone (517) 241-2978

*Robert McCully Supervisor,*

*Patsy Scott, Dave Bliss, Julie Yocum*

**Region V (Southern)**

Fruit & Vegetable Inspection Service

Phone (517) 241-2978

*Robert McCully Supervisor, Patsy Scott*

**STATEWIDE** - Robert McCully (517) 241-2978



# 2011 APPLIED ACRES

## by County & Variety

	ANTRIM	DELTA	DICKINSON	IRON	KALKASKA	LUCE	OTSEGO	PRESQUE ISLE	TOTALS
ATLANTIC	25	13	30	-	-	-	-	-	68
BEACON CHIPPER	-	-	-	-	5.5	-	-	-	5.5
CANELA RUSSET	-	-	-	-	-	-	-	1	1
DARK RED NORLAND	-	.6	-	-	-	-	-	-	.6
EVA	-	-	-	-	-	-	-	14	14
GALA	-	-	-	-	-	.03	-	-	.03
GOLDRUSH	8	-	-	-	-	-	-	-	8
KATAHDIN	-	12.75	-	-	-	-	-	-	12.75
LAMOKA	-	1.2	-	-	-	-	-	.10	1.3
MSH228-6	-	-	-	-	.5	-	-	-	.5
MSJ126-9Y	-	-	-	-	8	-	-	-	8
MSL007-B	-	-	-	-	-	-	-	.1	.1
MSL292-A	-	-	-	-	.5	-	-	.1	.6
MSQ070-1	-	-	-	-	.5	-	-	-	.5
NORWIS	-	-	-	-	-	-	5	-	5
ONAWAY	43	2.6	2	-	-	-	-	28.2	75.8
PIKE	-	-	76	-	-	-	-	53.98	129.98
PROPRIETARY	-	-	-	-	287	335.5	256.6	225.95	1105.05
REBA	-	32	-	-	-	-	-	-	32
RED LASODA	-	-	30	-	-	-	-	-	30
RUSSET BURBANK	-	-	126	114	-	-	-	-	240
RUSSET NORKOTAH	-	66.65	-	49	-	-	-	-	115.65
RUSSET NORKOTAH-LINE8	-	33.1	-	-	-	-	-	-	33.1
SILVERTON RUSSET	-	.1	-	-	-	-	-	-	.1
SNOWDEN	72	65.8	132.5	-	158.5	-	-	26.4	455.2
UMATILLA RUSSET	-	-	-	.3	-	-	-	-	.3
TOTALS	148	227.8	396.5	163.3	460.5	335.53	261.6	349.83	2343.06

# 2011 MSPA Inspection Service Fees

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

## **Field Year 1 thru Field Year 6**

\$42.00 per acre

with a minimum charge of \$42.00 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.)*



## ***Better quality starts with better support***

Techmark can help you maintain the best quality for the highest return on your potato crop. Our hands-on support, experience and knowledge make all the difference.

- Ventilation design, installation and optimization
- Sugar analysis and quality monitoring
- Impact Recording Devices (IRD) to monitor damage factors



Email [design@techmark-inc.com](mailto:design@techmark-inc.com) or call 517-322-0250 to learn more and take advantage of our free ventilation system analysis.

# MICHIGAN SEED POTATO GROWERS

*Name, Address*

*Telephone*

## C

### **Cootware Farms**

Box 30 Cootware Road  
Ralph, MI 49877

Dickinson Co.

(906) 246-3444

### **Cousineau Farm**

W431 Fordville Rd.  
Hardwood, MI 49807

Dickinson Co.

(906) 246-3447

## H

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

3595 26th Road  
Cornell, MI 49818

Delta Co.

(906) 384-6908

Scott (906) 384-6852

Ted (906) 384-6415

### **Hopp, Robert**

3097 E. 638 Hwy.  
Hawks, MI 49743

Presque Isle Co.

(989) 734-4539

## I

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

4637 Cool Road  
Kalkaska, MI 49646

Kalkaska Co.

(231) 258-8294

fax (231) 258-5996

e.mail iottseed@voyager.net

## J

### **Johnson Brothers**

2898 M-69  
Crystal Falls, MI 49920

Iron Co.

(906) 875-3658

(906) 542-3861

### **Johnson, Melvin**

2750 M-69  
Crystal Falls, MI 49920

Iron Co.

(906) 875-3466

## K

### **Krueger Seed Farm**

2797 W. Hawks Hwy.  
Hawks, MI 49743

Presque Isle Co. (989) 734-2755

## M

### **Makarewicz Seed Farm**

3956 Camp Ten Road  
Elmira, MI 49730

Otsego Co. (231) 546-3286

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

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

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

## S

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

8712 M-32 East  
Johannesburg, MI 49751

Ben: (989) 858-0141  
Don: (989) 858-0142  
Otsego Co. Office: (989) 731-5452  
e.mail don@ssfseedpotatoes.com  
website www.ssfseedpotatoes.com

### **Skogman Seed Farm**

N7023 Harry Peterson Road  
Foster City, MI 49834

Dickinson Co. (906) 246-3032

### **Spudland Farms**

W9155 Bice Creek Road  
Sagola, MI 49887

Iron Co. (906) 542-0177

## W

### **Walther Seed Farms**

2078 M-28  
McMillan, MI 49853

(906) 293-3185  
Luce Co.

### **W. S. Seed Farms**

Elmira, MI

Otsego Co. (906) 293-3185  
(269) 251-0225

# NEW FOR 2012



42”

## SWING BOOM PIILER

### Milestone

395 W Hwy 39 \* Blackfoot, ID 83221

208-785-4285 \* 800-574-1852

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- Longer Usable Boom
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- Hydraulic Up/Down Elevator Stinger Hanger
- Planetary Wheel Drives
- User Friendly
- Check with Milestone for Equipment needs

# GROWERS BY VARIETY

## ATLANTIC

		ACRES	CLASS
Cootware Farms- Dickinson Co.	(906) 246-3444	30.00	FY5
Hanson Seed Farm - Delta Co	(906) 246-3444	0.20	FY1
		12.80	FY4
Marker Farms L.L.C. - Otsego Co.	(231) 546-3856	25.00	FY4

## BEACON CHIPPER

Iott Seed Farm - Kalkaska Co.	(231) 258-8294	0.50	FY1
		5.00	FY4

## CANELA RUSSET

Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	1.00	FY4
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## DARK RED NORLAND

Hanson Seed Farm- Delta Co.	(906) 384-6908	0.60	FY3
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## EVA

Hopp Farms - Presque Isle Co.	(989) 734-2853	13.00	FY4
		1.00	FY3

## GALA

Walther Seed Farm- Luce Co.	(906) 293-3185	0.03	FY1
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## GOLDRUSH

Marker Farms LLC - Antrim Co.	(231) 546-3856	8.00	FY5
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## KATAHDIN

Hanson Seed Farm- Delta Co.	(906) 384-6908	11.25	FY4
		1.50	FY3

## LAMOKA

Hanson Seed Farm- Delta Co.	(906) 384-6908	0.30	FY4
		0.90	FY5
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	0.10	FY1

## MSH228-6

Iott Seed Farm - Kalkaska Co.	(231) 258-8294	0.50	FY3
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## MSJ126-9Y

Iott Seed Farm - Kalkaska Co.	(231) 258-8294	8.00	FY3
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		ACRES	CLASS
<b>MSL007 -B</b>			
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	0.10	FY1

<b>MSL292-A</b>			
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	0.50	FY1
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	0.10	FY1

<b>MSQ070-1</b>			
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	0.50	FY3

<b>NORWIS</b>			
Markarewicz Seed - Otsego Co.	(231) 546-3286	5.00	FY4

<b>ONAWAY</b>			
Hanson Seed Farm- Delta Co.	(906) 384-6908	0.10	FY1
		2.50	FY2
Hopp Farms - Presque Isle Co.	(989) 734-2853	3.00	FY3
		18.00	FY4
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	7.00	FY3
		0.20	FY1
Marker Farms L.L.C. - Antrim Co.	(231) 546-3856	43.00	FY4
Skogman Seed - Dickinson Co.	(906) 246-3032	2.00	FY4

<b>PIKE</b>			
Cousineau Farm - Dickinson Co.	(906) 246-3447	15.00	FY4
		25.00	FY4
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	6.50	FY2
		46.50	CFY3
		0.98	FY1
Skogman Seed - Dickinson Co.	(906) 246-3032	19.00	FY4
		17.00	FY4

<b>REBA</b>			
Hanson Seed Farm- Delta Co.	(906) 384-6908	29.50	FY4
		2.50	FY3

## RED LASODA

		ACRES	CLASS
Cootware Farms - Dickinson Co.	(906) 246-3444	24.00	FY4
		6.00	FY3

## RUSSET BURBANK

Melvin Johnson	(906) 875-3466	110.00	FY4
		4.00	CFY6
Johnson Brothers - Iron Co.	(906) 875-3658	103.00	FY4
Spudland Farms - Iron Co.	(906)542-0177	23.00	FY4

## RUSSET NORKOTAH

Melvin Johnson	(906) 875-3466	49.00	FY4
Hanson Seed Farm- Delta Co.	(906) 384-6908	61.95	FY3
		4.70	FY2

## RUSSET NORKOTAH - LINE 8

Hanson Seed Farm- Delta Co.	(906) 384-6908	28.60	FY3
		4.50	FY2

## SILVERTON RUSSET

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

		ACRES	CLASS
Cousineau Farm - Dickinson Co.	(906) 246-3447	13.00	CFY4
		46.00	FY4
Hanson Seed Farm- Delta Co.	(906) 384-6908	9.30	FY5
		5.00	FY3
		51.40	FY4
		0.10	FY1
Iott Seed Farms - Kalkaska Co.	(231) 258-8294	0.50	FY1
		18.00	FY2
		140.00	FY3
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	0.40	FY1
		5.00	FY2
		21.00	FY3
Marker Farms L.L.C. - Antrim Co.	(231) 546-3856	72.00	FY4
Skogman Seed - Dickinson Co.	(906) 246-3032	2.00	FY2
		0.50	FY1
		12.00	FY4
		8.00	FY5
		51.00	FY3

## UMATILLA RUSSET

Melvin Johnson	(906) 875-3466	0.30	FY4
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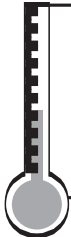


$$\text{Cwt of bulked stored potatoes} = \frac{\text{Pile length} \times \text{Pile width} \times \text{Pile height}}{2.3}$$

(pile dimensions in feet)

### ***Temperature Conversions***

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



# NUCLEAR PRODUCTION

SKLARCZYK SEED FARM L.L.C.

(989) 731-5452

Atlantic  
C095051-7W  
Dakota Pearl  
D.R. Norland  
MSK 061-4  
MSL 007-B  
MSR 148-4

Russet Burbank  
Russet Nortkotah  
Russet Norkotah TX112  
Silverton Russet  
Snowden  
W2324-1

- Center Pivots
- Corner Systems
- Linear Systems
- EZ-Tow Systems



**Precision Irrigation Made Easy**

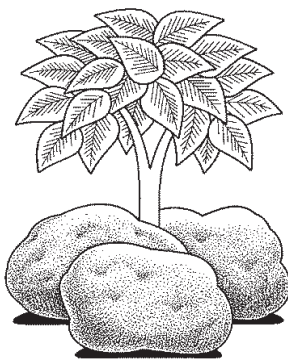
**Michigan Valley Irrigation**

4902 W. Caro Rd. (M-81) • Vassar, MI 48768  
(989) 673-6741 • Fax (989) 673-8863

**Michigan Valley Irrigation**

2071 E. Main Street • McBride, MI 48852  
(989) 762-5028 • Fax (989) 762-5109

<http://michiganvalley.valleydealers.com>



### ***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

# 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>ATLANTIC</b>				
COOTWARE FARMS	FY5	30.00	0.01	0
HANSON	FY1	0.20	0	0
	FY4	12.80	0	0
MARKER FARMS	FY4	25.00	0	0
<b>BEACON CHIPPER</b>				
IOTT	FY1	0.50	0	0
	FY4	5.00	0.04	0
<b>CANELA RUSSET</b>				
KRUEGER	FY4	1.00	0	0
<b>DARK RED NORLAND</b>				
HANSON	FY3	0.60	0	0
<b>EVA</b>				
HOPP	FY4	13.00	0	0
	FY3	1.00	0	0
<b>GALA</b>				
WALTHER	FY1	0.03	0	0
<b>GOLDRUSH</b>				
MARKER	FY5	8.00	0	0
<b>KATAHDIN</b>				
HANSON	FY4	11.25	0	0
	FY3	1.50	0	0
<b>LAMOKA</b>				
HANSON	FY4	0.30	0	0
	FY5	0.90	0	0
KRUEGER SEED	FY1	0.10	0	0

GROWER	CLASS	ACRES	%MOSAIC	%LEAF ROLL
		<b>MSH228-6</b>		
IOTT	FY3	0.50	0	0
		<b>MSJ126-9Y</b>		
IOTT	FY3	8.00	0	0
		<b>MSL007-B</b>		
KRUEGER	FY1	0.10	0	0
		<b>MSL292-A</b>		
IOTT	FY1	0.50	0	0
KRUEGER	FY1	0.10	0	0
		<b>MSQ070-1</b>		
IOTT	FY3	0.50	0.07	0
		<b>NORWIS</b>		
MAKAREWICZ	FY4	5.00	0	0
		<b>ONAWAY</b>		
HANSON	FY1	0.10	0	0
	FY2	2.50	0	0
HOPP	FY3	3.00	0	0
	FY4	18.00	0	0.02
KRUEGER	FY3	7.00	0	0
	FY1	0.20	0	0
MARKER	FY4	43.00	0.02	0
SKOGMAN	FY4	2.00	0.14	0
		<b>PIKE</b>		
COUSINEAU	FY4	15.00	0.1	0
	FY4	25.00	0.02	0
KRUEGER	FY2	6.5	0.22	0
	CFY3	46.50	0.36	0
	FY1	0.98	0	0
SKOGMAN	FY4	19.00	0.02	0
	FY4	17.00	0.02	0
		<b>REBA</b>		
HANSON	FY4	29.50	0	0
	FY3	2.50	0	0

GROWER	CLASS	ACRES	%MOSAIC	%LEAF ROLL
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**RED LaSODA**

COOTWARE	FY4	24.00	0	0
	FY3	6.00	0	0

**RUSSET BURBANK**

MELVIN JOHNSON	FY4	110.00	0	0
	CFY6	4.00	0.03	0
JOHNSON BROS	FY4	103.00	0	0
SPUDLAND	FY4	23.00	0	0

**RUSSET NORKOTAH**

MELVIN JOHNSON HANSON	FY4	49.00	0	0
	FY3	61.95	0	0
	FY2	4.70	0	0

**RUSSET NORKOTAH - LINE 8**

HANSON	FY3	28.60	0	0
	FY2	4.50	0	0

**SILVERTON RUSSET**

HANSON	FY1	0.10	0	0
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**SNOWDEN**

COUSINEAU	CFY4	13.00	0.8	0
	FY4	46.00	0	0
HANSON	FY5	9.30	0	0
	FY3	5.00	0	0
	FY4	51.40	0	0
	FY1	0.10	0	0
IOTT	FY1	0.50	0	0
	FY2	18.00	0.06	0
	FY3	140.00	0.11	0
KRUEGER	FY1	0.40	0	0
	FY2	5.00	0	0
	FY3	21.00	0	0
MARKER	FY4	72.00	0	0
SKOGMAN	FY2	2.00	0	0
	FY1	0.50	0	0
	FY4	12.00	0.07	0
	FY5	8.00	0	0
	FY3	51.00	0.2	0

**UMATILLA RUSSET**

MELVIN JOHNSON	FY4	0.30	0	0
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QUALITY SEED POTATOES  
FROM NORTH AMERICA

**PSI**

INCLUDING  
MICHIGAN'S  
BEST

BROUGHT TO YOU BY P.S.I.



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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
Pike	1995	New York	rd-wh	chips	mid-late	high	Res. to scab Bright app. Sets heavy Chips from below 50°	Net-like internal necrosis at some locations
Onaway	1956	Michigan	rd-wh	fresh	early	low	Res. to CS; few internal defects; above average yields.	Early blight on tubers; oversized tubers, poor type and rough.
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 NY-87	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
MSJ147-1	2008	MSU	round white	chips	late	high	Uniform size, cold storage, long term storage.	Heavy set, HH in oversize
Kalkaska	2007	MSU	round	chips	late	high	High yielding, shallow eyes, strong vine scab resistance.	Sugar levels at harvest

ROUND WHITES							
Beacon Chipper	2006	Michigan/ Maine	round white	chips	med	high High yielding, shallow eyes, some scab tolerance.	Black spot potential
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.
MSJ126-9Y	2008	MSU	round (yellow flesh)	chips	med	med Scab resistance, cold storage, long term storage, shallow eyes.	Small vine, average yield, moderate specific gravity.
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							
Gold Rush	1992	North Dakota	Ig-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.
Russet Burbank	1914	Selected by Sweet from Burbank.	Ig-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	Ig-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



# 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

# LIMITED GENERATION CERTIFIED SEED POTATOES

## Field Planting

### Equivalency Table<sup>1</sup>

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

AGENCY	YEAR IN THE FIELD							
	1 <sup>2</sup>	2	3	4	5	6	7	8
Alaska	G1 <sup>3</sup>	G2	G3	G4	G5	G6	G7	G8
California	N	G1	G2	G3	G4	G5	--	--
Colorado	G1	G2	G3	G4	G5	G6	--	--
Idaho	N	G1	G2	G3	G4	G5	G6	--
Maine	N1	N2	N3	N4	G1	G2	G3	G4
Michigan	FY1 <sup>6</sup>	FY2	FY3	FY4	FY5	FY6	--	--
Minnesota	N	G1	G2	G3	G4	G5	C	--
Montana	N	G1	G2	G3	G4	--	--	--
Nebraska/Wyoming	N	G1	G2	G3	G4	G5	--	--
Nevada	N	G1	G2	G3	G4	G5	--	--
New York <sup>4</sup>	N1	N2	G1	G2	G3	G4	G5	G6
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 <sup>5</sup>	FY1	FY2	FY3	FY4	FY5	FY6	C	--
Canada	PE (G1)	E1 (G2)	E2 (G3)	E3 (G4)	E4 (G5)	F (G6)	C (G7)	--

REVISION DATE: JANUARY 2007

<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> Term 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 = Foundation Year

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