

CROP YEAR 2020



Michigan Certified

SEED POTATOES



P.O. BOX 1865
GAYLORD, MI 49734
PH: (989) 732-4433
EMAIL: JWAMSPA@GMAIL.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

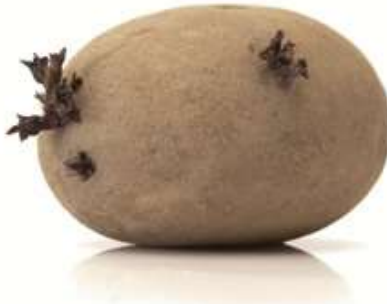
Office 989-732-4433
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Email jwamspa@gmail.com

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8114 Dudd Rd.
Vanderbilt, MI 49795

Office 989-983-4283
Mobile 989-370-1103
Email jdhmspa@gmail.com

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MICHIGAN SEED POTATO ASSOCIATION

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612 Wilson Rd., 35
Plant Biology Labs
East Lansing, MI 48824
Office: (517) 355-4754
Lab: (517) 355-3863
Cell: (269) 425-0048

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 Wailua, 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) 284-5651

F&V Inspection
Alex Ballard
Nicholas Meekhof
Rob Witgen
Matt Fadanelli
Dave Bliss
Oscar Bautista

STATEWIDE - Robert McCully (517) 284-5651

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	OTSEGO	PRESQUE ISLE	TOTALS
ATLANTIC	17	-	-	-	-	-	-	17
AO8433	-	-	-	-	0.11	-	-	0.11
BLACKBERRY	-	-	-	4.1	-	-	-	4.1
CARIBOU RUSSET	-	-	-	-	-	-	11.86	11.86
ENVOL	-	-	8	-	-	-	-	8
LADY LIBERTY	-	1.4	59.25	29	-	-	-	89.65
LAMOKA	72	51.7	69.5	75	71.72	-	50.1	390.02
MANISTEE	-	102	107.7	85	-	31.7	-	326.4
MANISTEE SEL	-	16.8	-	85	-	-	-	101.8
MI. PURPLE	-	-	-	-	-	-	0.3	0.3
MACKINAW	1.2	4.25	0.25	-	1.12	-	8.25	15.07
MSV093-1Y	-	2.3	-	-	-	-	-	2.3
MSV179-1	-	-	-	-	-	-	0.3	0.3
NY 163	-	0.1	-	-	-	-	-	0.1
PROPRIETARY VARIETIES	50.5	-	-	226	411.87	84.5	227.78	1000.65
REBA	-	21.1	-	-	-	-	-	21.1
RED NORLAND	-	-	-	-	-	-	0.03	0.03
REVELLE RUSSET	-	6.95	-	-	-	-	22.18	29.13
RUSSET BURBANK	-	-	196.5	-	-	-	-	196.5
RUSSET NORKOTAH	-	63.5	44.3	-	-	-	-	107.8
SILVERTON RUSSET	-	-	35	-	-	-	-	35
SNOWDEN	43	21.7	14.25	36	-	-	-	114.95
SPARTAN RED MARKER	-	-	-	-	-	-	0.03	0.03
UMATILLA RUSSET	-	-	28	-	-	-	-	28
VANGUARD	-	-	-	11	-	-	-	11
TOTALS	183.7	291.8	562.75	551.1	484.82	116.2	320.83	2511.2

2020 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.
	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 spacing	Seed piece weight			
	1 oz.	1 1/2 oz.	1 3/4 oz.	2 oz.
	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

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
e.mail: iottseed@wildblue.net
website: www.iottseed.com

J

Johnson Brothers

W 9662 M-69
Sagola MI 49881

Dickinson Co.

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

K

Krueger Seed Farm

2797 W. Hawks Hwy.
Hawks, MI 49743

Presque Isle Co.

(989) 734-2755
Gerald: (989) 370-2755
Rodney: (989) 351-1836



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

Sklarczyk Seed Farm L.L.C.

8710 M-32 East
Johannesburg, MI 49751 Otsego Co.

Ben: (989) 858-0141
Don: (989) 858-0142
Alison (989) 858-0697
Office: (989) 731-5452

e.mail: don@ssfseedpotatoes.com
email: alison.sklarczyk@gmail.com
e.mail: ben@ssfseedpotatoes.com
website: www.ssfseedpotatoes.com

Skogman Seed Farm

N7023 Harry Peterson Road
Foster City, MI 49834 Dickinson Co.

(906) 246-3032
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

W. S. Seed Farms

Elmira, MI Otsego Co.

(906) 293-3185
Gary: (269) 271-2698
Rob: (269) 858-9221



GROWERS BY VARIETY

		ACRES	CLASS
AO8433			
Walther Seed Farms - Luce Co.	(906) 293-3185	0.11	FY1
ATLANTIC			
Marker Farms L.L.C. - Antrim Co.	(231) 546-3856	17.00	FY4
BLACKBERRY			
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	2.00	FY4
		2.00	FY2
		0.10	FY1
CARIBOU RUSSET			
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	0.11	FY1
		1.75	FY2
		10.00	CFY3
ENVOL			
Skogman Seed Farm - Dickinson Co.	(906) 246-3032	8.00	FY4
LADY LIBERTY			
Cousineau Potato - Dickinson Co.	(906) 246-3447	59.00	FY3
Hanson Seed Farm- Delta Co.	(906) 384-6908	0.40	FY1
		1.00	FY2
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	25.00	N/C
		4.00	N/C
Skogman Seed Farm - Dickinson Co.	(906) 246-3032	0.25	FY1
LAMOKA			
Hanson Seed Farm- Delta Co.	(906) 384-6908	22.00	FY3
		5.00	FY4
		.10	FY1
		1.60	FY1
		3.00	FY2
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	20.00	FY4
		75.00	FY4
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	1.00	FY1
		45.50	FY3
Marker Farms LLC - Antrim Co.	(231) 546-3856	3.60	FY2
		45.00	FY4
		27.00	FY5
Skogman Seed Farm - Dickinson Co.	(906) 246-3032	.50	FY1
		1.00	FY2
		26.00	FY4
		27.00	FY5
		15.00	FY3

		ACRES	CLASS
Walther Seed Farms - Luce Co.	(906) 293-3185	61.90	CFY3
		9.20	FY2
		0.62	FY1

MACKINAW

Hanson Seed Potato - Delta Co.	(906) 384-6908	0.10	FY1
		0.15	FY2
		4.00	FY3
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	7.00	FY3
		0.50	FY1
		0.75	FY2
Marker Farms LLC - Antrim Co.	(231) 546-3856	0.30	FY1
		0.90	FY3
Skogman Seed Farm - Dickinson Co.	(906) 246-3032	0.25	FY1
Walther Seed Farms - Luce Co.	(906) 293-3185	0.72	FY1
		0.40	FY2

MANISTEE

Cousineau Potato - Dickinson Co.	(906) 246-3447	4.00	FY4
		34.00	FY5
Hanson Seed Farm- Delta Co.	(906) 384-6908	2.00	FY1
		18.00	FY2
		20.00	FY4
		62.00	FY3
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	39.00	FY3
		46.00	FY4
Skogman Seed Farm - Dickinson Co.	(906) 246-3032	38.20	FY4
		31.00	FY3
		0.50	FY1
W.S. Seed Farm - Otsego Co.	(906) 293-3185	31.70	CFY3

MANISTEE SELECTION

Hanson Seed Farm- Delta Co.	(906) 384-6908	0.80	FY1
		16.00	FY3
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	56.00	FY4
		29.00	FY3

MICHIGAN PURPLE

Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	0.30	FY2
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MSV093-1Y

Hanson Seed Farm- Delta Co.	(906) 384-6908	2.30	FY4
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MSV179-1

Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	0.30	CFY2
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		ACRES	CLASS
NY 163			
Hanson Seed Farm- Delta Co.	(906) 384-6908	0.10	FY1
REBA			
Hanson Seed Farm- Delta Co.	(906) 384-6908	0.25	FY2
		1.75	FY3
		.10	FY1
		19.00	CFY4
RED NORLAND			
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	0.03	FY1
REVEILLE RUSSET			
Hanson Seed Farm- Delta Co.	(906) 384-6908	0.20	FY1
		0.50	FY2
		6.25	FY3
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	20.00	FY3
		0.18	FY1
		2.00	FY2
RUSSET BURBANK			
Johnson Brothers - Dickinson Co.	(906) 542-3356	67.00	FY4
Spudland Farm - Dickinson Co.	(906) 542-3356	129.50	FY4
RUSSET NORKOTAH			
Hanson Seed Farm- Delta Co.	(906) 384-6908	6.50	FY2
		57.00	FY3
Johnson Brothers - Dickinson Co.	(906) 542-3356	35.30	FY4
		9.00	FY3
SILVERTON RUSSET			
Johnson Brothers - Dickinson Co.	(906) 542-3356	35.00	CFY4
SNOWDEN			
Hanson Seed Farm- Delta Co.	(906) 384-6908	0.70	FY1
		2.00	FY2
		14.00	FY3
		5.00	FY3
Iott Seed Farm - Kalkaska Co.	(231) 258-8294	36.00	FY4
Marker Farms - Antrim Co.	(231) 546-3856	43.00	FY4
Skogman Seed Farm	(906) 246-3032	14.00	FY3
		0.25	FY1
SPARTAN RED MARKER			
Krueger Seed Farm - Presque Isle Co.	(989) 734-2755	0.03	FY1

ACRES CLASS

UMATILLA, RUSSET

Johnson Brothers - Dickinson Co.	(906) 542-3356	11.00	FY3
		17.00	FY3

VANGUARD, RUSSET

lott Seed Farm - Kalkaska Co.	(231) 258-8294	11.00	FY4
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VIRUS READINGS

(BY VARIETY)

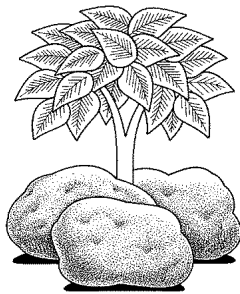
(All Virus Readings are from summer field readings and are based on Visual Inspections.)

GROWER	CLASS	ACRES	%MOSAIC	%LEAF ROLL
AO8433				
WALTHER	FY1	0.11	0	0
ATLANTIC				
MARKER	FY4	17.00	0.13	0
BLACKBERRY				
IOTT	FY4	2.00	0	0
	FY2	2.00	0	0
	FY1	0.10	0	0
CARIBOU RUSSET				
KRUEGER	FY1	0.11	0	0
	FY2	1.75	0	0
	CFY3	10.00	0.23	0
ENVOL				
SKOGMAN	FY4	8.00	0	0
LADY LIBERTY				
COUSINEAU	FY3	59.00	0	0
HANSON	FY1	0.40	0	0
	FY2	1.00	0	0
IOTT	N/C	25.00	0	0
	N/C	4.00	0	0
SKOGMAN	FY1	0.25	0	0
LAMOKA				
HANSON	FY3	22.00	0	0
	FY4	5.00	0	0
	FY1	0.10	0	0
	FY1	1.60	0	0
	FY2	3.00	0	0
	FY4	20.00	0	0
IOTT	FY4	75.00	0	0
KRUEGER	FY1	1.00	0	0
	FY3	45.50	0.01	0
	FY2	3.60	0	0
MARKER	FY4	45.00	0	0
	FY5	27.00	0	0

GROWER	CLASS	ACRES	%MOSAIC	%LEAF ROLL
LAMOKA (CONTINUED)				
SKOGMAN	FY1	0.50	0	0
	FY2	1.00	0	0
	FY4	26.00	0	0
	FY5	27.00	0	0
	FY3	15.00	0	0
WALTHER	CFY3	61.90	0.22	0
	FY2	9.20	0	0
	FY1	0.62	0	0
MACKINAW				
HANSON	FY1	0.10	0	0
	FY2	0.15	0	0
	FY3	4.00	0	0
KRUEGER	FY3	7.00	0	0
	FY1	0.50	0	0
	FY2	0.75	0	0
MARKER	FY1	0.30	0	0
	FY3	0.90	0	0
SKOGMAN	FY1	0.25	0	0
WALTHER	FY1	0.72	0	0
	FY2	0.40	0	0
MANISTEE				
COUSINEAU	FY4	4.00	0	0
	FY5	34.00	0.2	0
HANSON	FY1	2.00	0	0
	FY2	18.00	0	0
	FY4	20.00	0	0
IOTT	FY3	62.00	0	0
	FY4	39.00	0	0
SKOGMAN	FY4	46.00	0	0
	FY4	38.20	0	0
	FY3	31.00	0.03	0
W.S. SEED	FY1	0.50	0	0
	CFY3	31.70	0.28	0
MANISTEE SELECTION				
HANSON	FY1	0.80	0	0
	FY3	16.00	0	0
IOTT	FY4	56.00	0.15	0
	FY3	29.00	0	0
MICHIGAN PURPLE				
KRUEGER	FY2	.30	0	0

GROWER	CLASS	ACRES	%MOSAIC	%LEAF ROLL
MSV093-1Y				
HANSON	FY4	2.30	0	0
MSV179-1				
KRUEGER	CFY2	0.30	0	0
NY 163				
HANSON	FY1	0.10	0	0
REBA				
HANSON	FY2	0.25	0	0
	FY3	1.75	0	0
	FY1	0.10	0	0
	CFY4	19.00	0.75	0
RED NORLAND				
KRUEGER	FY1	0.03	0	0
REVEILLE RUSSET				
HANSON	FY1	0.20	0	0
	FY2	0.50	0	0
	FY3	6.25	0	0
KRUEGER	FY3	20.00	0.22	0
	FY1	0.18	0	0
	FY2	2.00	0.15	0
RUSSET BURBANK				
JOHNSON BROS.	FY4	67.00	0	0
SPUDLAND	FY4	129.50	0	0
RUSSET NORKOTAH				
HANSON	FY2	6.50	0	0
	FY3	57.00	0.04	0
JOHNSON BROS.	FY4	35.30	0.02	0
	FY3	9.00	0.03	0
SILVERTON RUSSET				
JOHNSON BROS.	CFY4	35.00	0.1	0
SNOWDEN				
HANSON	FY1	0.70	0	0
	FY2	2.00	0	0
	FY3	14.00	0	0
	FY3	5.00	0	0
IOTT	FY4	36.00	0	0
MARKER	FY4	43.00	0.1	0
SKOGMAN	FY3	14.00	0	0
	FY1	0.25	0	0

GROWER	CLASS	ACRES	%MOSAIC	%LEAF ROLL
SPARTAN RED MARKER				
KRUEGER	FY1	0.03	0	0
UMATILLA, RUSSET				
JOHNSON	FY3	11.00	0	0
	FY3	17.00	0	0
VANGUARD				
IOTT	FY4	11.00	0	0



CHARACTERISTICS OF ESTABLISHED & NEW POTATO VARIETIES

Variety	Year Released	Agency/State	Tuber Type	Primary Use	Maturity	Specific Gravity	Strengths	Weaknesses
ROUND WHITES								
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 pvv, 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	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	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	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	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.
Revielle 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



Cwt of bulked stored potatoes =
Pile length x Pile width x 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

Adirondack Blue	Keuka Gold	Reveille Russet
Adirondack Red	Lady Liberty	Russet Burbank
Alegria	Lamoka	Russet Norkotah
Allora	Lehigh	Russet Norkotah 112
Atlantic	Mackinaw	Russet Norkotah 223
Bannock Russet	Manistee	Russet Norkotah 278
Blackberry	Modoc	Russet Norkotah 296
Brodie/NY140	Mondak Gold	Russet Norkotah 3
Cal White	MSZ242-13	Russet Norkotah 8
Chieftain	NY118	Sangre
Clearwater Russet	NY149	Shepody
Constance	NY163	Silverton Russet
Dakota Pearl	NY165	Snowden
Dakota Russet	Petoskey	Soraya
Eva	Pomerelle Russet	Superior
French Fingerling	Purple Viking	Teton Russet
Genesee	Ranger Russet	Umatilla Russet
Golden Globe	Line Selection	Upstate Abundance
Goldrush	Reba	W8893-1R
Highland Russet	Red Endeavor	Waneta
Huckleberry Gold	Red LaSoda	Yukon Gold
Huron Chipper	Red Norland	

NUCLEAR PRODUCTION

MICHIGAN STATE UNIVERSITY

(517) 884-6946

Blackberry	Michigan Purple	MSX324-1P
MSZ109-05RR	MSZ109-07PP	MSZ120-4
MSZ219-13	MSZ242-13	Raspberry
Spartan Red #2	Mackinaw	MSV093-2Y
MSW343-2R	Petoskey	

LIMITED GENERATION CERTIFIED SEED POTATOES

Field Planting Equivalency Table¹

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	FY1	FY2	FY3	FY4	FY5	FY6	FY7	----
Maine ⁶	FY1	FY2	FY3	FY4	FY5	----	----	----
Michigan ⁶	FY1	FY2	FY3	FY4	FY5	FY6	----	----
Minnesota	G1	G2	G3	G4	G5	G6	C	----
Montana	N	G1	G2	G3	G4	G5	----	----
Nebraska/Wyoming	N	G1	G2	G3	G4	G5	----	----
Nevada	N	G1	G2	G3	G4	G5	----	----
New York ⁴	(U)G1	(U)G2	(U)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 ⁵	FY1	FY2	FY3	FY4	FY5	FY6	C	----
Canada	PE	E1	E2	E3	E4	F	C	----

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

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

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

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

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

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

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