



BADGER MEMO

September 2020

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Winter Test Updates

Due to a change to the business plan of our long time cooperator in Hawaii, Twin Bridge Farms, the program will be planting the 2020 CY winter test plot in Homestead, FL on Alger Farms. Alger Farms has been North Dakota's cooperator for winter test grow out for several years and will add Wisconsin, Michigan and Nebraska this year.

A portion of the crop will be staying in Wisconsin to be planted, this includes the State Farm samples that will be planted in a greenhouse in West Madison and ELISA tested. Also, all additional samples for lot over 50 acres will also staying in Wisconsin and getting lab tested this year. In previous year winter test tags for lots with more than 50 acres had sequential winter test number. This year the winter test tags for lots over 50 acres will be clipped together in your box of winter supplies delivered by field inspectors.

Inspectors will be dropping off your winter test tags and finishing up warehouse inspection the first week of September. If you have not received your winter test tags please contact your field inspector. Final field inspection reports will be done by mid-September.

Winter Test Sample Collection

Winter test sample collection will be done on Wednesday October 21, 2020. Please bring your winter test samples to Servco FS main office loading dock between the hours of 12:00 pm to 4:00pm. Please call field inspector in advance if you cannot make the scheduled delivery period.

Submit samples containing only 400 high quality tubers to ensure that all of the tubers you send can be planted and will grow normally. You must submit one 400-tuber sample for each 50 acres comprising an individual seed lot. The maximum number of samples required for a particular lot is four (1600 tuber). The breakdown is as follows:

<u>Seed Lot Size</u>	<u>No. of Samples</u>
Up to 50 acres	1 (400 tubers)
51 to 100 acres	2 (800 tubers)
101 to 150 acres	3 (1200 tubers)
151 to more acres	4 (1600 tubers)

PLEASE KEEP THE SAMPLES AT ROOM TEMPERATURE TO KEEP THE TUBERS FROM GOING INTO DEEP DORMANCY.

A few days before the samples are to be delivered to us, "grade" the tubers set aside down to a uniform-sized 400-tuber sample. The use of mesh bags is to increase the exposure of dormancy breaking gas to the tubers when they are already palletized. Use zip ties to ensure close bags. Be sure to attach the identification tag supplies to you. Please return any tags for lots that will not be sent to Florida.

Please pay close attention to the size of the tubers in your samples. Tubers larger than 2 inches (in any dimension – chose blocky russets!) may clog the planter we use, while those smaller than 1 ½ inches often result in small or weak plants in the field.

If you have any questions or comments, please feel free to call us at the Certification Office.

Representative Winter Test Sampling Table

Collecting a Representative Sample for Post Harvest Testing

[illegible]

PCN Soil Sampling

PCN soil sampling will begin the end of September, Kirk Engineering will be doing the soil sampling again this year. Ben Osborn from Kirk Engineering will be doing the soil sample his cell number is 406-595-1145 if you need to contact him. If you have not signed up for PCN testing the deadline for submitting sampling forms is September 15, 2020.

Testing Requirements for Trade within US and Canada

Keep in mind if you are importing to another state, they may have other test requirements other than a winter test grow out. Please look at the table for lots going out of state.

The Wisconsin Seed Potato Certification Office will be doing Late Blight Incubation in Antigo so if you need this done please make arrangement to have test done 50 days before lot is shipped. If have any questions on the testing requirement, please contact the Wisconsin Seed Potato Certification Office at 715-623-4039.

Testing Requirements for Seed Potato Trade within US and to Canada (in addition to Post Harvest Test)

US Agency	Lab Test PVY		Soil sampling	Other Requirements to import into these states/provinces
	All Varieties	Latent * Varieties		
Alaska	-	-		
California	-	-		
Colorado	✓ ^A	-		Late blight incubation, PHT growout required all seed, ^A virus test for 1.0% PVY _{NTN} PHT Tolerance
Idaho	✓	✓		BRR G1 and later gen, PVY, PLRV (visual or ELISA)
Maine	-	✓		
Michigan	-	✓		
Minnesota	-	-		
Montana	NA	NA		Montana does not allow seed import into certification
North Dakota	-	-		
Nebraska/WY	✓	✓	CRKN	Columbia Root Knot Nematode from areas of known to be present/unknown, <u>all russets</u> must be PVY ELISA.
New York	-	-		
Oregon	-	-		
Washington	-	-		
Wisconsin	-	✓		Growout (field or greenhouse) required for recertification.
Canada Agency	-	-	PCN	BRR
-New Brunswick	✓	✓	PCN	BRR, PLRV
-PEI	✓	✓	PCN	BRR, PVY & PLRV testing 200 tuber/ 40 ac (16 ha) +20 add'l tubers per ha over 16 ha. Total virus cap 3% max PLRV is 2%).

* Latent varieties include: Alpine Russet, Austrian Crescent, Banana, Blazer Russet, CalWhite, Caribou Russet, Chieftain, Chipeta, Classic Russet, Crestone Russet, Dakota Diamond, Easton, French Fingerling, Gem Russet, Green Mountain, Innovator, Ivory Russet, Keystone Russet, LaRatte, Mesa Russet, Pike, Purple Peruvian, Rose Finn Apple, Russet Norkotah, Sage Russet, Shasta, Shepody, Silverton Russet, Winema, Snowden

Blackleg Tolerances

Certain states have implemented blackleg tolerances for seed lots being imported. So please check the blackleg reading on your summer field reading report to make sure your lots are eligible to be imported to other states. If you have any questions, please feel free to contact seed office.

Blackleg Tolerances						
	FY1	FY2	FY3	FY4	FY5	
US Agency						
Alaska	0%	1.00%	1.00%	2.00%	2.00%	These tolerances WILL be used to for seed lots entering the state
California	0.10%	0.30%	3.00%	3.00%	3.00%	Seed lots entering CA will be accepted as long as they meet the incoming state's tolerances.
Colorado	0%	0.10%	4.00%	4.00%	4.00%	Seed lots entering CO will be accepted as long as they meet the incoming state's tolerances.
Idaho	No regulation	No regulation	No regulation	No regulation	No regulation	
Maine	0.10%	0.20%	1.00%	2.00%	2.00%	These tolerances WILL be used to for seed lots entering the state
Michigan	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	
Minnesota	0%	0.20%	0.50%	1.00%	exc. (over 1%)	These tolerances WILL be used to for seed lots entering the state
Montana	Visual Regulation	Visual Regulation	Visual Regulation	Visual Regulation	Visual Regulation	
North Dakota	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	
Nebraska/WY	Foundation=0.5% Certified=3.0%	Foundation=0.5% Certified=3.0%	Foundation=0.5% Certified=3.0%	Foundation=1.0% Certified=3.0%	Foundation=3.0% Certified=3.0%	These tolerances WILL be used to for seed lots entering the state
New York	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	
Oregon	0.10%	0.3% (1st) 0.2% (2nd)	3.0% (1st) 1.0% (2nd)	3.0% (1st) 1.0% (2nd)	3.0% (1st) 1.0% (2nd)	These tolerances will NOT be used to for seed lots entering the state
Washington	0.00%	0.10%	0.50%	1.00%	2.00%	These tolerances WILL be used to for seed lots entering the state
Wisconsin	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	Reported but no set tolerance	
Canada Agency						
ALL Provinces	0%	0.10%	0.20%	0.30%	0.50%	These tolerances will NOT be used to for seed lots entering the Country
**CANADA - FY6(FOUNDATION) = 1.0% FY7(CERTIFIED) = 2.0%						

Research Station Help

The Langlade county research station will be in need of an individual to assist in field operations through harvest season (Sep-Oct). Duties will include, assisting researchers with potato plot harvest, upkeep of grounds/facilities, some record keeping, team tasks, and operating farm equipment. This individual will also complete routine maintenance on farm equipment. Ability to lift 50-100 lbs necessary. Experience in horticulture or agronomy, familiarity with farm equipment/tractor operation, and some mechanical skills is preferred. This position is 20hrs/week competitive pay. To get further information about this position please contact Cole Lubinski (715)350-1691 or clubinski@wisc.edu