

Oregon Seed Certification Service

Seed Potato Program



1. VERIFICATION

- Variety Eligibility
- Seed Stock Eligibility
- Crop History Satisfied
- Seed Farm Requirements

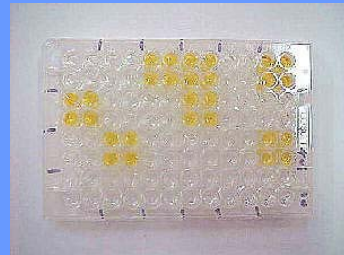
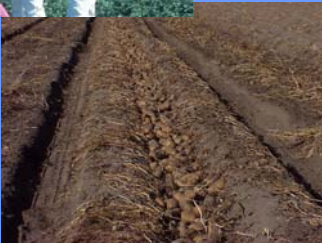


2. INSPECTIONS

- Lab & Greenhouse
- Field
- Harvest



3. LATENT VIRUS TESTING



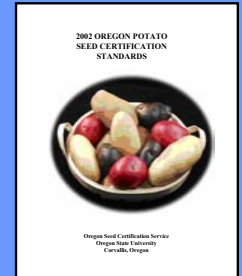
POTATO CERTIFICATION STAFF

Ronald Cook *Manager,*
 Jeff McMorrin
 Bob Henderson
 Iraj Motazedian
 John Caputo
 Dennis Lundeen
 John Zielinski

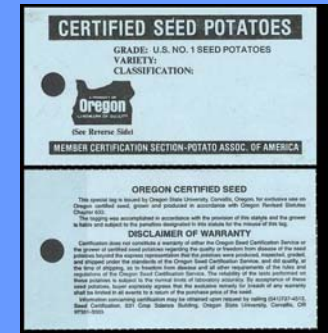


ALLIED SERVICES

- Publications
- Advisory
- Education
- Research



5. TAGS and CERTIFICATES



4. WINTER GROWOUTS



Certified Seed = Quality Seed

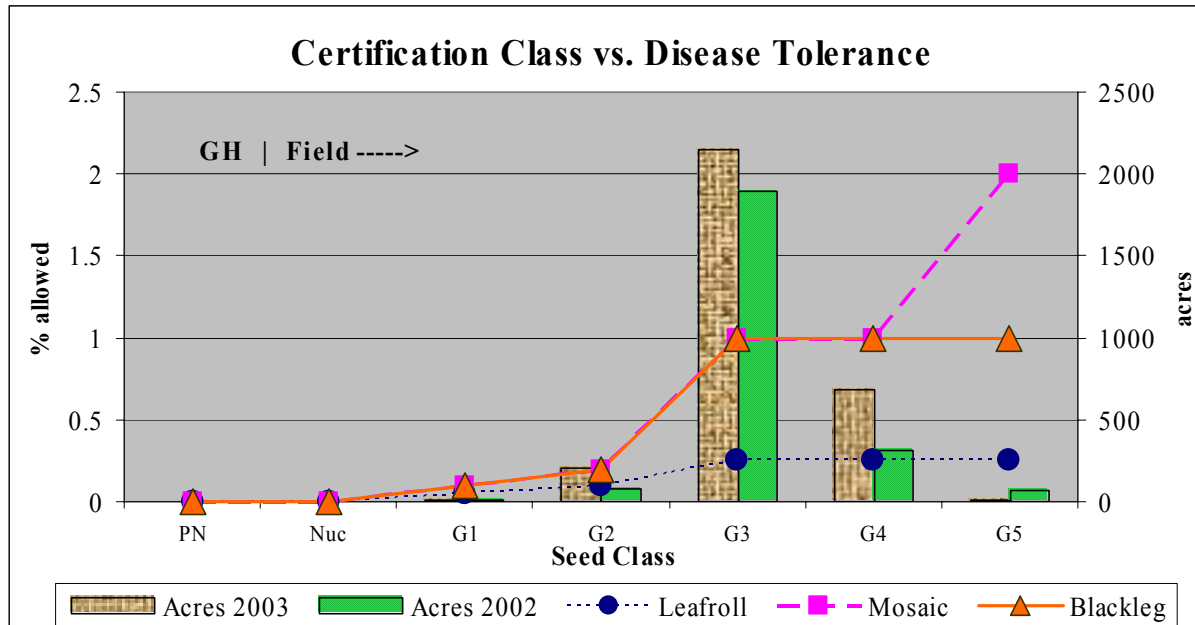
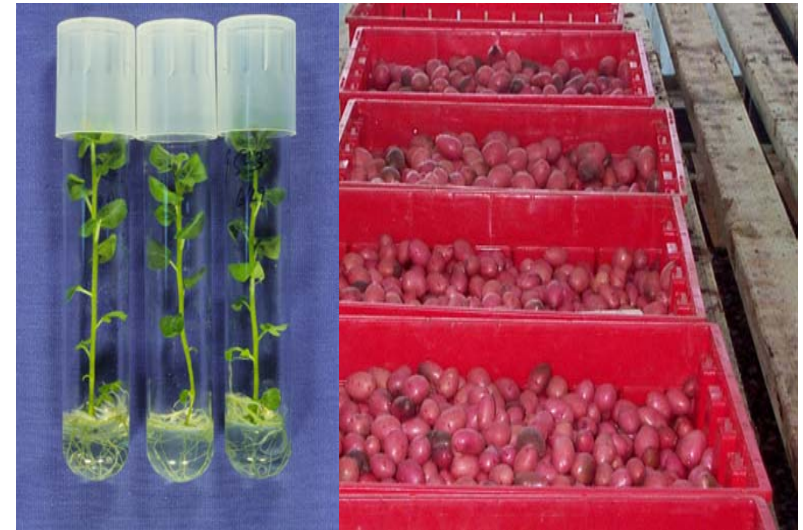
OSCS- Limited Generation Classification

Class	Source (min)	Years in Field (max)	Required Testing	Crop History** (no potatoes)	Special_Require.	Acres 2003
Pre-Nuclear*	in vitro	0	1%*	GH	App. GH	0.4
Nuclear	Pre-Nuclear	1	25%	3 years	PVX & PVY	0.8
Generation 1	Nuclear	2	500 lv/a	3 years	Tuber Unit	5.1
Generation 2	G1	3	none	2 years		204.0
Generation 3	G2	4	none	2 years		2147.0
Generation 4	G3	5	none	1 year		684.1
Generation 5	G4	6	none	1 year	No Re-cert.	5.2

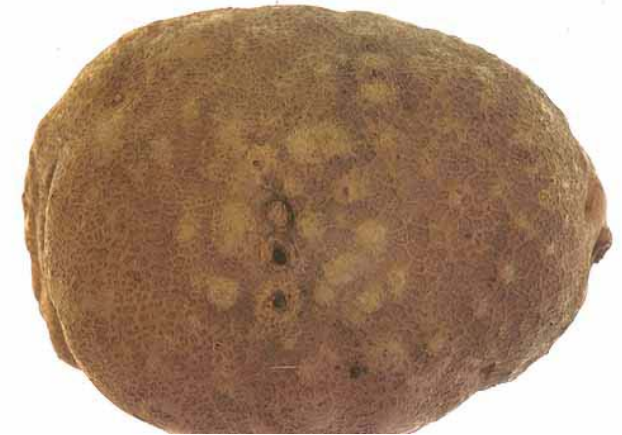
*Pre-Nuclear - Greenhouse plant material (transplants or minitubers) derived from mother plants that have been tested and found free of PVX, PVY, PVM, PVS, PVA, PLRV, and any other rod shaped viruses, spindle tuber viroid, *Clavibacter michiganense* subsp. *sepedonicus* and *E. carotovora*. Stock must be increased via tissue culture or stem-cutting techniques. Tested in the greenhouse at 1% level for PVX, PVY, PLRV, ECa & ECc, and BRR. Lots not qualifying for Pre-Nuclear Class can be downgraded to a class for which standards are met in regard to disease tolerances. See Standards for additional information on tolerances

** Unless prior crop was a higher class and same variety. min=minimum, max=maximum, GH=insect proof approved greenhouse.

Special requirements: see standards for explanations.



Columbia Root Knot Nematode



FIELD INSPECTION TOLERANCES *2

Class	Leafroll	Mosaic	Blackleg	Variety Mixture / off types	Latent Virus Testing	
					PVX	PVY
Pre-Nuclear	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0
Generation 1	0.05	0.1	0.1	0.0	1.0	0.1
Generation 2 -1st	0.2	0.3	0.3	0.2	3.0	0.2
Generation 2 -2nd	0.1	0.2	0.2	0.1		
Generation 3&4 -1	0.5	2.0	3.0	0.5	6.0	1.0
Generation 3&4 -2	0.25	1.0	1.0	0.25		
Generation 5 -1st	0.5	3.0	3.0	2.0	6.0	2.0
Generation 5 -2nd	0.25	2.0	1.0	1.5		

*2 - Zero tolerances for PSTV, BRR, Root Knot Nematode, at all generations.
See Standards for additional information on tolerances



Bacterial Blackleg

Potato Leaf Roll Virus



Potato Virus Y



Bacterial Ring Rot

