



Listing of OMRI and NYS Registered Potato Fungicides with Efficacy Comments

Prepared by T. A. Zitter, Dept of Plant Path & Plant-Microbe Biology, Cornell University, Ithaca, NY. Feb 2011

Fungicide Information							Tuberborne						Foliar					Comments				
Trade Names (p.OMRI)	MOA Code	Common Name	Uses	Activity	REI (hrs.)	PHI (Days)	Black Dot	Black Scurf/Canker	Com. Scab/Pow. Scab	Fusarium Dry Rot	Late Blt. Tuber Blt.	Leak	Pink Rot	Silver Scurf	Black Dot	Early Blight	Gray Mold		Late Blight	Verticillium	White Mold	
																						
<u>Actinovate AG</u> p.1	Bio.	<i>Streptomyces lydicus</i>	IF,SD	C	1	0	G		F						F	F					In-furrow, Soil drench, Fol.	
<u>Actino-Iron</u> p.1	Bio.	<i>Streptomyces lydicus</i>	SD	C	4	0	G		F													In-furrow or side dress.
<u>Agri-mycin 17</u> p.3	Bio.	<i>Streptomyces sulfate</i>	SP	C	12	0																On cut seed for SR and Blk. Leg
<u>Bio-Save</u>	Bio.	<i>Pseudomonas syringae</i>	PH	C	4	0				G				G								Spray with thorough coverage.
<u>Cease</u> p.15	Bio.	<i>Bacillus subtilis</i>	F	C	4	0									F			P				For suppression only.
<u>Contans WG</u> p.19	Bio.	<i>Coniothyrium minitans</i>	Soil	C	4	0														G		Incorporate in soil prior to plt.
<u>Basic Copper 53</u> p.7	M1	<i>basic copper sulfate</i>	F	C	24	0									F			F				Use preventatively esp. for LB.
<u>Cueva</u> p. 20	M1	<i>copper octanoate</i>	F	C	4	0									F			F				Use preventatively esp. for LB.
<u>Champ WG</u> p.15, <u>Nu-Cop 50WP</u> p.50	M1	<i>copper hydroxide</i>	F	C	24	0									F			F				Use preventatively esp. for LB.
<u>JMS Stylet Oil</u> p.52	NC	<i>mineral oil</i>	F	C	4	0									F							Primarily used for insects.
<u>Kumulus DF</u> p.38	M2	<i>sulfur</i>	F	C	24	0																For Pow. Mildew and mites.
<u>M-Pede</u> p.44	NC	<i>K salts of fatty acids</i>	F	C	12	0																For Pow. Mildew and mites.
<u>Micro Sulf</u> p.42	M2	<i>sulfur</i>	F	C	24	0																For Pow. Mildew and mites.
<u>Microthiol Disperss</u>	M2	<i>sulfur</i>	F	C	24	0																p.42; for PM and mites.
<u>Oxidate</u> p.54	NC	<i>hydrogen peroxide</i>	F	C	1	0									P			P				Limited efficacy.
<u>Serenade</u> p. 67	Bio.	<i>Bacillus subtilis</i>	F	C	4	0									F			P				Various formulations.
<u>Serenade Soil</u> p.67	Bio.	<i>Bacillus subtilis</i>	IF,SD	C	4	0	G		F													Use in-furrow or as soil drench.
<u>Sonata</u> p. 68	Bio.	<i>Bacillus pumilus</i>	F	C	4	0									F			P				For suppression only.
<u>StorOx</u>	NC	<i>hydrogen peroxide</i>	PH	C	1	0				F	P		F									Apply to newly harvested pot.
<u>T-22 HC</u> p. 72	Bio.	<i>Trichoderma harzianum</i>	SP	C	4	0																Also <u>RootShield WP</u> p.64
<u>Trilogy</u> p. 74	NC	<i>neem oil</i>	F	C	4	0																Generic for Dis, Ins., Mites.

UNDERLINED = Labeled in NYS; MODE of ACTION: NC = Not Classified; USES: F = Foliar; IF = In-furrow; PH = Post harvest; SD = Soil Drench; SP = Seed Piece.

SCALE: P = Poor; F = Fair; G = Good. Copyright T. A. Zitter © Cornell University 2011