

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

ALLIUM (Chives, Garlic, Leek, Onion, Shallot)		Diseases:	Botrytis leaf blight	Botrytis Neck rot	Downy mildew	Purple blotch
ACTIVE INGREDIENT	PRODUCT	EPA #				
Clarified Hydrophobic Extract of Neem Oil	70% NEEM OIL	70051-2-54705			x	
Chlorothalonil	BONIDE FUNG-ONIL MULTI-PURPOSE FUNGICIDE (CONCENTRATE)	60063-9-4	x		x	x
Chlorothalonil	BONIDE FUNG-ONIL MULTI PURPOSE FUNGICIDE	4-410	x		x	x
Chlorothalonil	ECHO LITE	60063-9	x		x	x
Chlorothalonil	FRUIT TREE, VEGETABLE & ORNAMENTAL FUNGICIDE	60063-9-54705	x		x	x
Chlorothalonil	GARDENTECH DACONIL FUNGICIDE CONCENTRATE	67572-82-71004	x		x	x
Chlorothalonil	ORTHO MAX GARDEN DISEASE CONTROL CONCENTRATE	239-2522	x		x	x
Chlorothalonil	HI-YIELD VEGETABLE, FLOWER, FRUIT AND ORNAMENTAL FUNGICIDE	60063-16-7401	x		x	x
Copper diammonia diacetate complex	LIQUID COPPER FUNGICIDE	10465-3-829			x	x
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58			x	x
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74	x		x	
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872	x		x	
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12	x	x	x	x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16	x		x	

*Some products for disease suppression only

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

BEANS (Snap)		Diseases:	Angular Leaf spot	Anthraco nose	Ascochyta leaf & pod spot	(Bacterial) Brown spot	(Bacterial) Common blight	(Bacterial) Halo blight	Botrytis blight (gray mold)	Powdery mildew	Rust	White mold	Downy Mildew	Common blight
ACTIVE INGREDIENT	PRODUCT	EPA #												
Clarified Hydrophobic Extract of Neem Oil	70% NEEM OIL	70051-2-54705		x										
Chlorothalonil	BONIDE FUNG-ONIL MULTI-PURPOSE FUNGICIDE (CONCENTRATE)	60063-9-4							x		x			
Chlorothalonil	BONIDE FUNG-ONIL MULTI PURPOSE FUNGICIDE	4-410							x		x			
Chlorothalonil	ECHO LITE	60063-9							x		x			
Chlorothalonil	FRUIT TREE, VEGETABLE & ORNAMENTAL FUNGICIDE	60063-9-54705		x	x				x		x			
Chlorothalonil	GARDENTECH DAPONIL FUNGICIDE CONCENTRATE	67572-82-71004							x		x			
Chlorothalonil	ORTHO MAX GARDEN DISEASE CONTROL CONCENTRATE	239-2522							x		x			
Chlorothalonil	HI-YIELD VEGETABLE, FLOWER, FRUIT AND ORNAMENTAL FUNGICIDE	60063-16-7401							x		x			
Copper Octanoate (Copper Soap)	SOAP-SHIELD	67702-2-56872		x	x	x	x	x				x	x	x
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58	x	x		x	x	x						x
Mineral Oil	PURESpray GREEN CONCENTRATE	69526-14								x	x			
Potassium Salts of Fatty Acids, Sulfur	3-IN-1 GARDEN SPRAY II - SAFER BRAND	59913-12								x	x			
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74		x					x		x			
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872		x		x	x	x	x	x	x	x		x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12		x		x	x	x	x	x		x		x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16		x		x	x	x	x	x				x
Sulfur, Pyrethrins	BONIDE TOMATO & VEGETABLE CONCENTRATE	67702-17-4								x	x			

*Some products for disease suppression only

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

BRASSICA (cole crops such as broccoli, cabbage, cauliflower)		Diseases:	Alternaria leaf spot	Black rot	Downy mildew	White mold	Powdery mildew
ACTIVE INGREDIENT	PRODUCT	EPA #					
Clarified Hydrophobic Extract of Neem Oil	70% NEEM OIL	70051-2-54705			x		
Chlorothalonil	BONIDE FUNG-ONIL MULTI PURPOSE FUNGICIDE	4-410	x		x		
Chlorothalonil	ECHO LITE	60063-9	x		x		
Chlorothalonil	FRUIT TREE, VEGETABLE & ORNAMENTAL FUNGICIDE	60063-9-54705	x		x		
Chlorothalonil	GARDENTECH DAPONIL FUNGICIDE CONCENTRATE	67572-82-71004	x		x		
Chlorothalonil	ORTHO MAX GARDEN DISEASE CONTROL CONCENTRATE	239-2522	x		x		
Chlorothalonil	HI-YIELD VEGETABLE, FLOWER, FRUIT AND ORNAMENTAL FUNGICIDE	60063-16-7401	x		x		
Copper + carbaryl, rotenone	BONIDE DRAGOON DUST WITH COPPER	4-474	x		x		
Copper diammonia diacetate complex	LIQUID COPPER FUNGICIDE	10465-3-829		x	x		
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58		x	x		
Mineral Oil	PURESpray GREEN CONCENTRATE	69526-14	x				x
Potassium Bicarbonate	GREENCURE	70870-1	x		x	x	
Potassium Salts of Fatty Acids, Sulfur	3-IN-1 GARDEN SPRAY II - SAFER BRAND	59913-12					x
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74			x		
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872		x	x		
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12		x	x	x	
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16		x	x		
Sulfur, Pyrethrins	BONIDE TOMATO & VEGETABLE CONCENTRATE	67702-17-4	x				x
*Some products for disease suppression only							

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

CARROT		Diseases:	Bacterial leaf blight	Early Blight (Cercospora)	Late Blight (Alternaria)	Powdery mildew
ACTIVE INGREDIENT	PRODUCT	EPA #				
Chlorothalonil	BONIDE FUNG-ONIL MULTI-PURPOSE FUNGICIDE (CONCENTRATE)	60063-9-4		x	x	
Chlorothalonil	BONIDE FUNG-ONIL MULTI PURPOSE FUNGICIDE	4-410		x	x	
Chlorothalonil	ECHO LITE	60063-9		x	x	
Chlorothalonil	FRUIT TREE, VEGETABLE & ORNAMENTAL FUNGICIDE	60063-9-54705		x	x	
Chlorothalonil	GARDENTECH DACONIL FUNGICIDE CONCENTRATE	67572-82-71004		x	x	
Chlorothalonil	ORTHO MAX GARDEN DISEASE CONTROL CONCENTRATE	239-2522		x	x	
Chlorothalonil	HI-YIELD VEGETABLE, FLOWER, FRUIT AND ORNAMENTAL FUNGICIDE	60063-16-7401		x	x	
Copper + carbaryl, rotenone	BONIDE DRAGOON DUST WITH COPPER	4-474				
Copper diammonia diacetate complex	LIQUID COPPER FUNGICIDE	10465-3-829		x	x	
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58		x	x	
Mineral Oil	PURESpray GREEN CONCENTRATE	69526-14			x	
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74				x
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872		x		x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12	x	x	x	x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16		x		x
Sulfur, Pyrethrins	BONIDE TOMATO & VEGETABLE CONCENTRATE	67702-17-4				x

*Some products for disease suppression only

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

CORN (sweet)		Diseases:	Cercospora leaf spot	Helminthosporium leaf blight	Rust
ACTIVE INGREDIENT	PRODUCT	EPA #			
Chlorothalonil	BONIDE FUNG-ONIL MULTI-PURPOSE FUNGICIDE (CONCENTRATE)	60063-9-4		x	x
Chlorothalonil	BONIDE FUNG-ONIL MULTI PURPOSE FUNGICIDE	4-410		x	x
Chlorothalonil	ECHO LITE	60063-9		x	x
Chlorothalonil	FRUIT TREE, VEGETABLE & ORNAMENTAL FUNGICIDE	60063-9-54705		x	x
Chlorothalonil	GARDENTECH DACONIL FUNGICIDE CONCENTRATE	67572-82-71004		x	x
Chlorothalonil	ORTHO MAX GARDEN DISEASE CONTROL CONCENTRATE	239-2522		x	x
Chlorothalonil	HI-YIELD VEGETABLE, FLOWER, FRUIT AND ORNAMENTAL FUNGICIDE	60063-16-7401		x	x
Mineral Oil	PURESpray GREEN CONCENTRATE	69526-14	x		
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74			x
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872			x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12	x	x	x
Sulfur, Pyrethrins	BONIDE TOMATO & VEGETABLE CONCENTRATE	67702-17-4	x		x
*Some products for disease suppression only					

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

CUCURBITS		Diseases:	Anthracnose (Colletotrichum)	Alternaria leaf blight/spot	Angular (bacterial) leaf spot	Cercospora leaf spot	Downy mildew	Gummy stem blight (black rot)	Powdery mildew (Sphaerotheca only)	Scab (Cladosporium)	Target spot (Corynespora)	Ulocladium leaf spot
ACTIVE INGREDIENT	PRODUCT	EPA #										
Clarified Hydrophobic Extract of Neem Oil	70% NEEM OIL	70051-2-54705	x				x		x	x		
Chlorothalonil	BONIDE FUNG-ONIL MULTI-PURPOSE FUNGICIDE (CONCENTRATE)	60063-9-4	x	x		x	x	x	x	x	x	
Chlorothalonil	BONIDE FUNG-ONIL MULTI PURPOSE FUNGICIDE	4-410	x			x	x	x	x	x	x	
Chlorothalonil	ECHO LITE	60063-9	x	x		x	x	x	x	x	x	
Chlorothalonil	FRUIT TREE, VEGETABLE & ORNAMENTAL FUNGICIDE	60063-9-54705	x	x		x	x	x	x	x	x	
Chlorothalonil	GARDENTECH DACONIL FUNGICIDE CONCENTRATE	67572-82-71004	x			x	x	x	x	x	x	
Chlorothalonil	ORTHO MAX GARDEN DISEASE CONTROL CONCENTRATE	239-2522	x				x	x	x	x	x	
Chlorothalonil	HI-YIELD VEGETABLE, FLOWER, FRUIT AND ORNAMENTAL FUNGICIDE	60063-16-7401	x	x		x	x	x	x	x	x	
Copper + carbaryl, rotenone	BONIDE DRAGOON DUST WITH COPPER	4-474	x	x	x	x	x	x	x	x	x	x
Copper diammonia diacetate complex	LIQUID COPPER FUNGICIDE	10465-3-829	x	x	x		x	x	x			
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58	x	x	x		x	x	x	x		
Mineral Oil	PURESpray GREEN CONCENTRATE	69526-14		x				x	x			
Potassium Bicarbonate	GREENCURE	70870-1	x	x		x	x		x	x		
Potassium Salts of Fatty Acids, Sulfur	3-IN-1 GARDEN SPRAY II - SAFER BRAND	59913-12							x			
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74	x				x		x	x		
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872	x				x		x	x	x	
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12	x	x	x	x			x		x	
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16	x				x		x	x		
Sulfur, Pyrethrins	BONIDE TOMATO & VEGETABLE CONCENTRATE	67702-17-4		x		x			x		x	x

*Some products for disease suppression only

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use.
Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

EGGPLANT		Diseases:	Cercospora leaf spot	Early blight (Alternaria)	Phomopsis	Phyophthora rot	Gray mold	Powdery mildew	Downy mildew
ACTIVE INGREDIENT	PRODUCT	EPA #							
Clarified Hydrophobic Extract of Neem Oil	70% NEEM OIL	70051-2-54705			x			x	
Copper + carbaryl, rotenone	BONIDE DRAGOON DUST WITH COPPER	4-474		x					
Copper diammonia diacetate complex	LIQUID COPPER FUNGICIDE	10465-3-829		x	x				
Copper Octanoate (Copper Soap)	SOAP-SHIELD	67702-2-56872	x	x			x		
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58		x	x			x	X
Potassium Bicarbonate	GREENCURE	70870-1	x		x	x		x	
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74						x	
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872	x	x			x	x	
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12		x			x	x	
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16	x	x		x	x	x	

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

LETTUCE		Diseases:	downy mildew	Botrytis (Gray Mold)	Powdery mildew
ACTIVE INGREDIENT	PRODUCT	EPA #			
Clarified Hydrophobic Extract of Neem Oil	70% NEEM OIL	70051-2-54705	x		
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58	x		
Potassium Bicarbonate	GREENCURE	70870-1	x		x
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74	x		
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872	x		
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12	x	x	x
*Some products for disease suppression only					

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

PARSNIP		Diseases:	Alternaria leaf spot	Anthraco	Botrytis blight (gray mold)	Bottom rot (Rhizoctonia)	Downy mildew
ACTIVE INGREDIENT	PRODUCT	EPA #					
Chlorothalonil	BONIDE FUNG-ONIL MULTI-PURPOSE FUNGICIDE (CONCENTRATE)	60063-9-4	x	x	x	x	x
Chlorothalonil	ECHO LITE	60063-9	x	x	x	x	x
Chlorothalonil	FRUIT TREE, VEGETABLE & ORNAMENTAL FUNGICIDE	60063-9-54705	x	x	x	x	x
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74		x	x		x
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872		x	x		x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12	x	x	x		x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16		x	x		x
*Some products for disease suppression only							

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

PEA		Diseases:	Ascochyta leaf spot	Bacterial blights	Downy mildew	Powdery mildew
ACTIVE INGREDIENT	PRODUCT	EPA #				
Clarified Hydrophobic Extract of Neem Oil	70% NEEM OIL	70051-2-54705			x	x
Copper diammonia diacetate complex	LIQUID COPPER FUNGICIDE	10465-3-829		x		
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58	x		x	x
Mineral Oil	PURESpray GREEN CONCENTRATE	69526-14				x
Potassium Bicarbonate	GREENCURE	70870-1			x	x
Potassium Salts of Fatty Acids, Sulfur	3-IN-1 GARDEN SPRAY II - SAFER BRAND	59913-12				x
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74			x	x
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872		x	x	x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12			x	x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16		x	x	x
Sulfur, Pyrethrins	BONIDE TOMATO & VEGETABLE CONCENTRATE	67702-17-4	x			x
*Some products for disease suppression only						

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

PEPPER		Diseases:	Anthracnose (Colletotrichum)	Bacterial spot	Botrytis (Gray mold)	Cercospora leaf spot	Leaf spots (alternari, Septoria, Cercospora)	Phytophthora Rot/Blight	Powdery Mildew	Downy mildew
ACTIVE INGREDIENT	PRODUCT	EPA #								
Clarified Hydrophobic Extract of Neem Oil	70% NEEM OIL	70051-2-54705	x						x	
Copper + carbaryl, rotenone	BONIDE DRAGOON DUST WITH COPPER	4-474	x	x			x			
Copper diammonia diacetate complex	LIQUID COPPER FUNGICIDE	10465-3-829		x		x				
Copper Octanoate (Copper Soap)	SOAP-SHIELD	67702-2-56872	x	x		x				
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58	x	x		x			x	X
Potassium Bicarbonate	GREENCURE	70870-1	x		x	x		x	x	
Potassium Salts of Fatty Acids, Sulfur	3-IN-1 GARDEN SPRAY II - SAFER BRAND	59913-12					x		x	
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74	x		x		x		x	
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872	x	x	x	x	x	x	x	
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12	x	x			x		x	
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16	x	x	x		x		x	
Sulfur, Pyrethrins	BONIDE TOMATO & VEGETABLE CONCENTRATE	67702-17-4				x	x		x	
*Some products for disease suppression only										

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

POTATO		Diseases:	Black Dot (Colletotrichum)	Botrytis vine rot	Early blight (Alternaria)	Botrytis (Gray mold)	Late blight (Phytophthora infestans)
ACTIVE INGREDIENT	PRODUCT	EPA #					
Chlorothalonil	BONIDE FUNG-ONIL MULTI-PURPOSE FUNGICIDE (CONCENTRATE)	60063-9-4		x	x		x
Chlorothalonil	BONIDE FUNG-ONIL MULTI PURPOSE FUNGICIDE	4-410		x	x		x
Chlorothalonil	ECHO LITE	60063-9		x	x		x
Chlorothalonil	FRUIT TREE, VEGETABLE & ORNAMENTAL FUNGICIDE	60063-9-54705		x	x		x
Chlorothalonil	GARDENTECH DACONIL FUNGICIDE CONCENTRATE	67572-82-71004		x	x		x
Chlorothalonil	ORTHO MAX GARDEN DISEASE CONTROL CONCENTRATE	239-2522		x	x		x
Chlorothalonil	HI-YIELD VEGETABLE, FLOWER, FRUIT AND ORNAMENTAL FUNGICIDE	60063-16-7401		x	x		x
Copper diammonia diacetate complex	LIQUID COPPER FUNGICIDE	10465-3-829			x		x
Copper Octanoate (Copper Soap)	SOAP-SHIELD	67702-2-56872			x	x	x
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58			x		x
Potassium Bicarbonate	GREENCURE	70870-1	x	x		x	x
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74		x			
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872	x		x	x	x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12	x		x	x	x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16	x	x	x	x	x

*Some products for disease suppression only

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

SPINACH		Diseases:	Anthracnose	Downy Mildew (Blue mold)	Downy mildew	Leaf spot (Cladosporium)	White rust	Cercospora leaf spot
ACTIVE INGREDIENT	PRODUCT	EPA #						
Clarified Hydrophobic Extract of Neem Oil	70% NEEM OIL	70051-2-54705	x		x			
Copper + carbaryl, rotenone	BONIDE DRAGOON DUST WITH COPPER	4-474				x		
Copper diammonia diacetate complex	LIQUID COPPER FUNGICIDE	10465-3-829	x		x			
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58	x	x	x		x	x
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872	x	x	x			
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12	x	x	x	x		
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16	x	x	x			

*Some products for disease suppression only

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use. Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.

2016 Fungicides* for home vegetable garden use in New York State

Updated for 2016 by K.E. LaPlant, L.J. Brzozowski, and S.L. Jensen

TOMATO		Diseases:	Anthracnose (Collectotrichum)	Bacterial speck	Bacterial spot	Botrytis gray mold	Early blight (Alternaria)	Gray leaf spot (Stemphylium)	Late blight (Phytophthora infestans)	Leaf mold (Fulvia/Cladosporium)	Powdery mildew	Septoria leaf spot
ACTIVE INGREDIENT	PRODUCT	EPA #										
Clarified Hydrophobic Extract of Neem Oil	70% NEEM OIL	70051-2-54705	x								x	
Chlorothalonil		60063-9-4	x			x	x	x	x			x
Chlorothalonil	BONIDE FUNG-ONIL MULTI PURPOSE FUNGICIDE	4-410	x			x	x	x	x			x
Chlorothalonil	ECHO LITE	60063-9	x			x	x	x	x			x
Chlorothalonil	FRUIT TREE, VEGETABLE & ORNAMENTAL FUNGICIDE	60063-9-54705	x			x	x	x	x			x
Chlorothalonil	GARDENTECH DACONIL FUNGICIDE CONCENTRATE	67572-82-71004	x			x	x	x	x			x
Chlorothalonil	ORTHO MAX GARDEN DISEASE CONTROL CONCENTRATE	239-2522	x			x	x	x	x			x
Chlorothalonil	HI-YIELD VEGETABLE, FLOWER, FRUIT AND ORNAMENTAL FUNGICIDE	60063-16-7401				x	x	x	x			x
Copper + carbaryl, rotenone	BONIDE DRAGOON DUST WITH COPPER	4-474	x		x		x					
Copper diammonia diacetate complex	LIQUID COPPER FUNGICIDE	10465-3-829		x	x		x		x			
Copper Octanoate (Copper Soap)	SOAP-SHIELD	67702-2-56872	x	x	x		x		x	x		x
Copper sulfate	BONIDE COPPER FUNGICIDE SPRAY OR DUST RTU	4-58	x	x	x		x	x	x			x
Mineral Oil	PURESPRAY GREEN CONCENTRATE	69526-14					x				x	
Potassium Bicarbonate	GREENCURE	70870-1	x			x					x	x
Potassium Salts of Fatty Acids, Sulfur	3-IN-1 GARDEN SPRAY II - SAFER BRAND	59913-12									x	
Pyrethrins, Piperonyl Butoxide, Hydrophobic Extract of Neem Oil	TRILOGY XL RTU	70051-74	x			x						
QST 713 strain of <i>Bacillus subtilis</i>	PLANT GUARDIAN BIOFUNGICIDE LIQUID CONCENTRATE	69592-12-56872	x	x	x		x		x		x	
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL CONCENTRATE	69592-12	x	x	x	x	x		x		x	x
QST 713 strain of <i>Bacillus subtilis</i>	SERENADE GARDEN DISEASE CONTROL READY TO USE	69592-16	x	x	x	x	x		x		x	

*Some products for disease suppression only

Be certain pesticide formulation(s) you purchase and/or plan to apply are registered and labeled for the intended use.
Follow label directions. A pesticide's registration status and label may be accessed online at <http://pims.psur.cornell.edu>.