

PRODUCT NAME	Active ingredient	Chemical Class	Carcinogen?	Target Organisms										
				PythD	PhytD	Rhiz	ALB	CLB	XB	AY	SsF	SsS	BotS	
Fungicides				PythD	PhytD	Rhiz	ALB	CLB	XB	AY	SsF	SsS	BotS	
QUADRI	Azoxystrobin	Methoxyacrylate		U	U	U	G	G	NRN	NRN	NRN	NRN	NRN	
CABRIO	Pyraclostrobin	Methoxyacrylate		NRN	NRN	NRN	G	G	NRN	NRN	NRN	NRN	NRN	
RIDOMIL GOLD	Mefanoxam	Phenylamide		G	F	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	
Ridomil	Metalaxyl	Phenylamide	E-No evidence of carcinogenicity	G	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	
ROVRAL	Iprodione	Dicarboxamide	Likely Human Carcinogen	NRN	NRN	NRN	G	NRP	NRN	NRN	NRN	NRN	NRN	
Copper(Basicop, Kocide, Tenn-cop)	Copper formulations	Elemental copper		NRN	NRN	NRN	F-P	F-P	F	NRN	NRN	NRN	NRN	
Bravo, Echo, Equus	Chlorothalonil	Chlorinated benzonitrile	Likely Human Carcinogen	NRN	NRN	NRP	G	G	NRN	NRN	NRN	NRN	NRN	
ENDURA	boscalid	Carboxamide	Insufficient to assess	NRN	NRN	N	G	NRP	NRN	NRN	NRN	NRN	NRN	
Pristine	Pyraclostrobin + boscalid	Methoxyacrylate + Carboxamide	Insufficient to assess											
MYCOSTOP	<i>Streptomyces griseoviridis</i> strain K61	Biological		U	U	U	NA	NA	NA	NA	NA	NA	NA	
Sonata	<i>Bacillus pumilus</i>	Biological												
SERENADE	QST 713 strain of <i>Bacillus subtilis</i>	Biological		NRN	NRN	NRN	U	NRN	U	NRN	NRN	NRN	NRN	
Prestop	<i>Gliocladium catenulatum</i>	Biological												
MESSENGER	Harpin protein	Immune response elicitor		U	U	U	U	U	U	U	U	U	U	
CONTANS	<i>Coniothyrium minitans</i>	Biological		NRN	NRN	NRN	NRN	NRN	NRN	NRN	F	NRN	NRN	
MERTECT	Thiabendazole	Benzamidazole		NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	G	G	
VAPAM	Metam-sodium	Carbamate	B2-possible human carcinogen	F	F	U	NRN	NRN	NRN	NRN	NRN	NRN	NRN	
TELONE II	1,3-Dichloropropene	Chlorinated Hydrocarbon	B2-possible human carcinogen	U	U	U	NRN	NRN	NRN	NRN	NRN	NRN	NRN	
Pending Materials														
Reason	Fenamidone	imidazolinone		NRN	NRN	NRN	NRP	NRP	NRN	NRN	NRP	NRN	NRN	
Honor	Nocobifen	nicotinamide		NRN	NRN	NRN	NRP	NRP	NRN	NRN	NRP	NRU	NRU	
Vortex	Ipconazole	triazole		NRP	NRP	NRP	NRN	NRN	NRN	NRN	NRN	NRN	NRN	
Actino-iron, Actinovate	<i>Streptomyces lydicus</i>	biological		NRP	NRP	NRP	NRN	NRN	NRN	NRN	NRN	NRN	NRN	
AuxiGro	Glutamic Acid	Glutamic Acid		NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRU	
AQ-10	<i>Ampelomyces quisqualis</i>	biological		NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	
Orbit, Tilt	propiconazole	triazole	C	NRN	NRN	NRP	NRP	NRP	NRN	NRN	NRP	NRU	NRU	
Flint, Twist	trifloxystrobin	Methoxyacrylate		NRN	NRN	NRN	NRP	NRP	NRN	NRN	NRP	NRN	NRN	
Stratego	trifloxystrobin + propiconazo	triazole + methoxyacrylate	C	NRN	NRN	NRP	NRP	NRP	NRN	NRN	NRP	NRU	NRU	
Potential Materials														
Methyl iodide nematocide	Iodomethane	Methyl iodide		NRP	NRP	NRP	NRN	NRN	NRN	NRN	NRP	NRN	NRN	
Terrapy nematocide	fatty acid in alkyl glycoside	biopesticide		NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	
Omega	Fluazinam	pyradinimane		NRN	NRN	NRP	NRP	NRP	NRN	NRN	NRP	NRU	NRU	
Muscador albus	<i>Muscador albus</i>	biological		NRU	NRU	NRU	NRU	NRU	NRU	NRN	NRU	NRU	NRU	
AKD-3088 nematocide	AKD-3088			NRU	NRU	NRU	NRN	NRN	NRN	NRN	NRN	NRN	NRN	
Previcur	propamocarb hydrochloride	carbamate		NRP	NRP	NRP	NRP	NRP	NRN	NRN	NRP	NRU	NRU	

Cultural Controls

Rotation

Disease Forecasting

F	F	F-P	P	P	F	U	F	F	U
NA	NA	NA	G	G	NA	NA	NA	NA	NA

Organisms:

PythD = Pythium damping-off

PhytD = Phytophthora damping-off

Rhiz = Rhizoctonia

ALB = Alternaria leaf blight

CLB = Cercospora leaf blight

XB = Xanthomonas leaf blight

AY = Aster yellows

SsF = Sclerotinia in Field

SsS = Sclerotinia in Storage

BotS = Botrytis in Storage

Efficacy rating:

E = Excellent

G = Good

F = Fair

P = Poor

U = Unknown

NRP = not registered for use, possible efficacy

NRN = Not registered, not likely to be efficacious

NRU = Not registered, unknown efficacy

NA = not applicable, not used, or not suspected of being efficacious