

EFFICACY OF FUNGICIDES/BACTERICIDES FOR CONTROLLING FOLIAR DISEASES OF BRASSICA VEGETABLES¹

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	DISEASES											
	Black rot	Bacterial soft rot	Black leg	Club root	Downy mildew	Powdery mildew	Cercospora/Cercoporella	Alternaria leaf spot	Raisin head (<i>Sclerotinia</i>)	Pythium damping-off	Wirestem & Bottom rot (<i>Rhizoc.</i>)	
REGISTERED FUNGICIDES²												
Endura (boscalid)	N	N	G	N	N	G	E	E	G	N	U	
Cabrio (Pyraclostrobin)	N	N	U	N	P	F	E	E	N	N	U	
Quadris/Amistar (azoxystrobin)	N	N	U	N	P	F	G	E	N	N	G	
Presidio (fluopicolide)	N	N	N	N	G-C	N	N	N	N	N	N	
Revus (mandipropamid)	N	N	N	N	G-C	N	N	N	N	N	N	
Aliette (fosetyl – Al)	N	N	N	N	F-P	N	N	N	N	N	N	
Forum (dimethomorph)	N	N	N	N	GC	N	N	N	N	N	N	
Reason (fenamidone)	N	N	N	N	G	N	G	F	N	U	N	
Switch (cyprodinil + fludioxinil)	N	N	N	N	N	G	F	E	P	N	N	
Ridomil Gold Bravo (mefenoxam + chlorothalonil)	N	N	N	N	G	N	G	G	N	F	N	
Rildomil Gold SC (mefenoxam)	N	N	N	N	N	N	N	N	N	G	N	
Rovral (iprodione)	N	N	G*	G-F	N	N	N	G*	G*	N	F	
Blocker	N	N	N	N	N	N	N	N	N	N	F	
Fixed copper ³	F	N	N	N	F	N	N	P	N	N	N	
Actigard (acibenzolar-S-methyl)	F-P	N	N	N	F	P	U	U	N	U	U	
Manzate (mancozeb)	N	N	N	N	F	N	P	P	N	N	N	
Bravo/Equus (chlorothalonil)	N	N	N	N	G-F	N	G	G	N	N	N	
Tebuconazole/Teburol (tebuconazole)	N	N	N	N	N	U	E-G	F	N	N	F	
Procure (triflumizole)	N	N	N	N	N	G	U	N	N	N	N	
Inspire Super	N	N	U	N	N	G	G	E	F	N	U	
Quadris Top	N	N	U	N	U	G	G	E	F	N	G	
Zampro (amectotradin + dimethomorph)	N	N	N	N	E	N	N	N	N	U	N	
Fontelis (penthiopyrad)	N	N	U	N	N	U	F	E	G	N	U	
Omega 500 (fluazinam)	N	N	U	G	N	N	N	N	U	N	U	
Inspire Super (difenoconazole + cyprodinil)	N	N	U	N	N	F	G	E	F	N	U	

¹ Ratings for products were conducted at the 2009 Southeast Extension Vegetable Workers Conference in Fletcher, NC. Efficacy ratings do not necessarily indicate a labeled use.

² Fungicides registered specifically on cole crops (cabbage, cauliflower, broccoli) include chlorothalonil, iprodione, and mefenoxam + chlorothalonil. Aliette is not labeled on turnips. Please refer to the appropriate sections of the Pest Management Handbook for details on product labeling.

³ Phytotoxicity observed when Aliette is tank-mixed with copper.

C = When used in combination with Aliette or maneb,

V = Variable levels of control,

R = Pathogen resistance (insensitivity) may be present at some locations,

E = Excellent disease suppression,

G = Good disease suppression, F = Fair disease suppression,

P = Poor to no disease suppression, U = Unknown efficacy,

N = No efficacy,

* = Applications of iprodione (Rovral) made for black leg may suppress Alternaria, Sclerotinia, and wirestem on broccoli only.