

Canola SOIL APPLICATION

Organism	Application	Dosage ¹	Whitemold ² (<i>Sclerotinia sclerotiorum</i>)	Remarks
<i>Coniothyrium minitans</i> Contans WG, 5.3%	Soil incorporation	1-2 lb/A	X	Fungus attacks sclerotia of the fungus in the soil.

¹Dosage = amount of formulated product to apply.

²X = product labeled for crop and disease; Blank = product not labeled for specific disease.

³See fungicide resistance management statements on Page 10.

Chickpea (Garbanzo Bean) SEED TREATMENT

Chemical	Application	Dosage ¹	Control ² of Seedling Diseases ³	Remarks
Azoxystrobin Dynasty 9.6%	Slurry	0.153-0.765 fl oz/cwt	X	For seed-borne and soil-borne fungi.
Fludioxonil Maxim 4FS, 40.3%	Slurry	0.08-0.16 fl oz/cwt	X	For seed-borne and soil-borne fungi.
Fludioxonil + Mefenoxam Apron Maxx RFC 2.31%:3.46%	Slurry	1.5 fl oz/cwt	X	
Mefenoxam Apron XL-LS, 32.3%	Slurry or mist	0.32-0.64 fl oz/cwt	X	For Pythium damping off.
Mefenoxam + Fludioxonil + Thiamethoxam Cruiser Maxx, 1.7%:1.12%:22.61%	Slurry or mist	3 fl oz/cwt	X	For seed-borne and soil-borne fungi and insect.
Metalaxyl Allegiance, 28.35% Allegiance, FL 28.35% Acquire, 28.35% Sebring 318 FS, 28.35% Dyna-Shield, 28.35%	Slurry or mist Slurry or mist Slurry Slurry	0.75-1.0 fl oz/cwt 0.25-0.5 fl oz/cwt 0.75 fl oz/cwt 0.75 fl oz/cwt	X X X X	For Pythium damping off.
Pyraclostrobin Stamina 18.4%	Slurry or mist	0.4-1.5 fl oz/cwt	X	For seed-borne and soil-borne fungi and for control of seed and seedling disease caused by <i>Rhizoctonia solani</i> .
Thiabendazole LSP, 30%	Liquid, mist or slurry	3.3 fl oz/cwt	X	For seed-borne Ascochyta.
Mertect 340-F, 42.3%	Slurry	2.04 fl oz/cwt	X	
Trifloxystrobin Trilex, 22%	Slurry	0.32 fl oz/cwt	X	For seed-borne and soil-borne fungi.
Trifloxystrobin + Metalaxyl Trilex 2000, 7.12%:5.69%	RTU or slurry or mist	1.0 fl oz/cwt	X	For seed-borne and soil-borne fungi.

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³Seedling blights due to various fungal infections of seed.

Note: Some seed treatments may affect Rhizobia inoculants; read inoculant label for specific information.

Chickpea FOLIAR SPRAYS

Chemical (Fungicide Group)	Application ¹	Dosage ²	Disease Control Ascochyta ³	Remarks
Bacillus subtilis strain QST 713 (44) Serenade ASO	Spray or fungigation	2-6 qt/A		Begin applications when environmental conditions and plant stage are conducive to disease development.
Boscalid (7) Endura, 70%	Spray or fungigation	6 oz/A	X	Labeled for control of Botrytis gray mold, Sclerotinia white mold and rust. Apply at the beginning of flowering, prior to the onset of disease. Make a second application at full blossom if conditions continue to be favorable for disease development.
Chlorothalonil (M5) Bravo Ultrex, or Equus DF 82.5%	Spray or fungigation	1.25-1.8 lb/A	X	State label allows application to begin at onset of disease, with maybe 2-4 weeks before flowering. Repeat at 7- to 10-day intervals. Do not make more than 4 applications per growing season. Do not apply within 14 days of harvest. Begin application during early bloom and repeat at 7- to 10-day intervals. Do not apply more than 11.1 lbs/A per season.
Bravo WeatherstickZN, 51%	Spray or fungigation	1.38-2 pt/A	X	
Bravo Weatherstick, 54%	Spray or fungigation	1.38-2 pt/A	X	
Echo 720, 54.0%	Spray or fungigation	1.38-2 pt/A	X	
Chlorothalonil 720, 54%	Spray or fungigation	1.38-2 pt/A	X	
Mancozeb (M3) Manex, 37%	Spray	1.2-1.6 qts/A	X	Maximum 9.6 quarts per season. Begin when blight first detected in field. Spray on a 5- to 7-day interval. Do not apply within 30 days of harvest. See label.
Prothioconazole (3) Proline 480 SC, 41%	Spray	5.0-5.7 fl oz/A	X	Apply at early flower or at the first sign of disease, whichever occurs first. Use the higher rate when conditions are favorable for severe disease pressure and/or when growing more disease-susceptible varieties. Do not make more than three applications per year. Repeat applications as needed on a 10- to 14-day interval. Do not apply within 7 days of cutting or swathing the crop for harvest.
QoIs Azoxystrobin (11) Quadris, 22.9%	Spray or fungigation	6.2-15.4 fl oz/A	X	Resistance statement 5 ⁴ .
Azoxystrobin (11) + Chlorothalonil Quadris Opti, 4.6% : 46%	Spray	1.6-2.4 pt/A	X	Quadris Opti should not be tank mixed with COC, MSO or silicon adjuvants.
Pyraclostrobin (11) Headline, 23.6% Headline SC, 23.3%	Spray or fungigation	6-9 fl oz/A	X	Maximum of 18 fl oz/A per season. 21-day PHI.

¹Spray = ground or aerial; Fungigation = application through sprinkler irrigation system.

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⁴See fungicide resistance management statements on Page 10.