Canola (Rapeseed) SEED TREATMENT

OLED INCATHENT									
			Disease Control ²						
Chemical	Application	Dosage ¹	Seed-borne Blackleg	Seedling Diseases ³	Remarks				
Difenoconazole + Metalaxyl M + Fludioxonil + Thiamethoxam					Commercial use only. Contains both insecticide and fungicide.				
Helix Xtra 1.25%:0.38%:0.13 %: 20.7%	RTA Slurry	23 fl oz/cwt	Х	Х	Contains higher concentration of insecticide - to be used for high flea beetle pressure.				
Fludioxonil Maxim 4FS, 40.3%	Slurry	0.08-0.16 fl oz/cwt	Х	Х	For seed-borne and soil-borne fungi.				
Metalaxyl Acquire, 28.35%	Mist or slurry	0.25-0.5 fl oz/cwt	Х	×	For Pythium damping off <u>only</u> .				
Allegiance FL, 28.35%	Mist or slurry	0.25-0.5 fl. oz/cwt	Х	Х					
Thiram + Carboxin + Metalaxyl + Clothianidin Prosper 400 9.49%:4.43%:0.316 % 9.49%	Slurry	19.2-25.6 fl oz/cwt	Х	X	Commercial use only. Contains both insecticide and fungicide.				
Trifloxistrobin + Carboxin + Metalaxyl + Clothianidin Prosper FX 0.544%:3.81%:0.40 %:21.75%	Slurry	21.5 fl oz/cwt	Х	X	Commercial use only. Contains both insecticide and fungicide.				

Dosage = Amount of formulated product to apply.

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

Seedling blights due to various fungal infections of seed.

FOLIAR SPRAYS

TOLIAN OF NATO							
Chemical	Application ¹	Dosage ²	Disease Control ³			Remarks	
(Fungicide Group)	Application		Alternaria Black Spot	Blackleg	Sclerotinia Stem Rot	Remarks	
Azoxystrobin (11) Quadris, 22.9%	Spray or fungigation	6.2-15.4 fl oz/A	Х	Х	X	Resistance statement 5 ⁴ Alternaria Black Spot alone: 8.0 fl oz/A at pod stage (95% petal fall) Blackleg: 6.2 fl oz/A at 2- to 4-leaf stage Alternaria Black Spot or Sclerotinia Stem rot: 9.2-15.4 fl oz/A at 10-25% flowering (3-7 days after first flower).	
Boscalid (7) Endura, 70%	Spray or fungigation	6 oz/A			Х	Apply at 20-50% flowering prior to the onset of disease. Apply a second application if conditions continue to be favorable for disease development.	
Prothioconazole (3) Proline 480 SC, 41%	Spray	4.3-5.7 fl oz/A			х	Apply at 20-50% flowering. Do not make more than two applications per year. For maximum disease control, apply in 15-20 gpa by ground or 5 gpa by air. Do not apply within 36 days of harvest.	
Pyraclostrobin (11) Headline, 23.6%	Spray	6-12 fl oz/A	х	х		Resistance statement 5 ⁴ . For blackleg control, apply at 2-4 leaf stage. For black spot control, apply at early pod development. A second application 7-10 days later may be made if disease persists or weather is favorable for disease.	
Thiophanate Methyl (1) Topsin M WSB, T- Methyl 70 W WSB, 70%	Spray or fungigation	1-2 lb/a			X	Resistance statement 1 ⁴ Apply 1-2 lb once at 20-50% flowering, or apply 1 lb twice with the first application at 20-30% flowering and the second application at 40-50% flowering. Do not apply more than 2 lbs product/acre/season.	
Thiophanate Methyl, WDG 85%	Spray or fungigation	0.8-1.6 lb/A			X	Apply 0.8-1.6 lb once at 20-50% flowering, or apply 0.8 lb twice, with the first application at 20-30% flowering and the second application at 40-50% flowering. Do not apply more than 1.6 lbs product/acre/season.	
T-Methyl E-AG 4.5F	Spray or fungigation	20-40 fl oz/A			X	See label for specific application timings. Do not apply more than 40 fl oz of T-Methyl E-AG per acre per season.	
Vinclozolin (2) Ronilan EG, 50%	Spray	10.6- 16oz/A			Х	Resistance statement 2 ⁴ Apply at 20-50% flowering (4-8 days after first flower). Do not enter treated areas in less then 9 days without label-specified protectant clothing (72 hours for certified crop advisers).	

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

2Dosage = Amount of formulated product to apply.

3X = Product labeled for crop and disease; Blank = product not labeled for specific disease.

4See fungicide resistance management statements on page 10.

SOIL APPLICATION

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

Dosage = 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.