Sunflower SEED TREATMENT

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Chemical	Application	Dosage ¹	Seedling Blights ³	Downy Mildew	Remarks			
Azoxystrobin Dynasty, 9.6%	Slurry	3.75-37.5 fl oz/cwt 0.025-0.25 mg/seed		Х	Provides suppression against downy mildew			
Captan Captan 400, 37.4%	Slurry	2-4 fl oz/cwt	×					
Fenamidone Idol 500 SC, 44.4%	Slurry	5.8 fl oz/cwt		X	For downy mildew only.			
Fludioxonil Maxim 4FS, 40.3%	Slurry	0.08-0.16 fl oz/cwt	X	The state of the s	For seed-borne and soil-borne fungi.			
Fludioxonil + Mefenoxam Maxim XL, 21% : 8.4%	Slurry	0.167-0.334 fl oz/cwt	Х					
Mefenoxam Apron XL LS, 32.34%	Slurry	1.28 fl oz/cwt						
Metalaxyl Allegiance FL, 28.35%	Mist or slurry	1.5-3.0 fl oz/cwt						
Dyna-Shield, 28.35% Acquire, 28.35%	Slurry Mist or Slurry	1.5-3 fl oz/cwt 1.5-3.0 fl oz cwt						
Thiram 42-S Thiram, 42%	Liquid or slurry	2 fl oz/bu	х					

¹Dosage = Amount of formulated product to apply
²X = Product labeled for crop and disease; Blank = product not labeled for specific disease.
³An increase in stand has been noted only once in moderately severe tests to date; under very severe conditions some increase in stand might be expected.

Sunflower **FOLIAR SPRAYS**

Chemical (Fungicide Group)	Application ¹	Dosage ²	Rust Control ³	Remarks
Azoxystrobin (11) Quadris, 22.9%	Spray or fungigation	6-15.5 fl oz/A	х	Resistance statment 5 ⁴ . Apply prior to disease development. Also labelled for control of Alternaria leaf spot.
Pryaclostrobin (11) Headline, 23.6%	Spray or fungigation	6-12 fl oz/A	Х	Resistance statement 5 ⁴ Apply prior to disease development. Also labelled for control of Alternaria leaf spot, powdery mildew, septoria leaf spot, and white rust. Maximum of 2 applications per season. PHI=21 days.
Tebuconazole (3) 38.7% Folicur 3.6F Orius 3.6F	Spray	4-6 fl oz/A	Х	For maximum disease control, labels recommend using lowest rate of non-ionic surfactant. Apply at earliest sign of infection. Do not apply more than 16 fl oz per season or within 50 days of harvest. See labels for further information or spray scheduling.

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

SOIL APPLIED BIOLOGICAL FUNGICIDES

Organism	Application	Dosage ¹	Sclerotinia sclerotiorum (white mold) Control ²	Remarks
Coniothyrium minitans Contans WG, 5.3%	Soil Incorporation	1-2 lb/A depending on crop	х	Fungus attacks sclerotia of the fungus.

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⁴See fungicide resistance management statements on page 9-10.

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