

Sunflower SEED TREATMENT

Chemical	Application	Dosage ¹	Disease Control ²		Remarks
			Seedling Blights ³	Downy Mildew	
Azoxystrobin Dynasty, 9.6%	Slurry	3.75-37.5 fl oz/cwt 0.025-0.25 mg/seed		X	Provides suppression against downy mildew.
Captan Captan 400, 37.4%	Slurry	2-4 fl oz/cwt	X		
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		For seed-borne and soil-borne fungi.
Fludioxonil + Mefenoxam Maxim XL, 21% : 8.4%	Slurry	0.167-0.334 fl oz/cwt	X		
Mefenoxam Apron XL LS, 32.34%	Slurry	1.28 fl oz/cwt			
Metalaxyl Allegiance FL, 28.35% Sebring 318 FS, 28.35%	Mist or slurry	1.5-3.0 fl oz/cwt			
Dyna-Shield, 28.35%	Slurry	1.5-3 fl oz/cwt			
Acquire, 28.35%	Mist or slurry	1.5-3.0 fl oz cwt			
Thiram 42-S Thiram, 42% Signet 480 FS, 42%	Liquid or slurry	2 fl oz/bu	X		

¹ Dosage = Amount of formulated product to apply.

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

³ An 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
<i>Bacillus subtilis</i> strain QST 2808 (44) BalladPLUS	Spray or fungigation	2-4 qt/A	X	Use as part of a program with other fungicides labeled for sunflower rust.
Azoxystrobin (11) Quadris, 22.9%	Spray or fungigation	6-15.5 fl oz/A	X	Resistance statement 5 ⁴ . Apply prior to disease development. Also labeled for control of <i>Alternaria</i> leaf spot.
Pyraclostrobin (11) Headline, 23.6%	Spray or fungigation	6-12 fl oz/A	X	Resistance statement 5 ⁴ . Apply prior to disease development. Also labeled for control of <i>Alternaria</i> 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 Tebuzol 3.6F Monsoon	Spray	4-6 fl oz/A	X	For maximum disease control, labels recommend using lowest rate of nonionic 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.

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 Pages 9-10.

SOIL-APPLIED BIOLOGICAL FUNGICIDES

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

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