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 Maxim XL 21%: 8.4%	Slurry	0.167-0.334 fl oz/cwt	Х	For seed-borne and soil-borne fungi.
Mefenoxam Apron XL-LS, 32.3%	Slurry or mist	0.32-0.64 fl oz/cwt	Х	For Pythium damping off.
Mefonoxam + Fludioxonil + Thiamethoxam Cruiser Maxx, 1.7%:1.12%:22.61%	Slurry or mist	3 fl oz/cwt	Х	
Metalaxyl Allegiance, 28.35% Allegiance, FL 20.35% Dyna-Shield, 28.35%	Slurry or mist Slurry or mist Slurry	0.75-1.0 fl oz/cwt 0.25-0.5 fl oz/cwt 0.75 fl oz/cwt	X X X	For Pythium damping off
Thiabendazole LSP, 30% Mertect 340-F, 42.3%	Liquid, mist or slurry Slurry	3.3 fl oz/cwt 2.04 fl oz/cwt	X X	For seed-borne Ascochyta.
Trifloxystrobin Trilex, 22%	Slurry	0.32 fl oz/cwt	х	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	х	For seed-borne and soil- borne fungi.

Dosage = Amount of formulated product to apply.

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

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

FOLIAR SPRATS						
Chemical (Fungicide Group)	Application ¹	Dosage ²	Disease Control Ascochyta³	Remarks		
Boscalid (7) Endura, 70%	Spray or fungigation	6 oz/A		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% Bravo Weatherstick ZN, 51%	Spray or fungigation Spray or fungigation	1.25-1.8 lb/A 1.38-2 pt/A	x x	State label allows application to begin at onset of disease, with may be 2-4 weeks before flowering. Repeat at 7-10 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.		
Echo 720, 54.0%	Spray or fungigation	1.38-2 pt/A	Х			
Chlorothalonil 720, 54%	Spray or fungigation	1.38-2 pt?A	Х			
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 Proline 480 SC, 41%	Spray	5.0-5.7 fl oz/A	Х	Apply at first sign of disease. Use the higher rate when conditions are favorable for severe disease pressure and/or when growinig more disease susceptible varieties. Do not make more than three applicatioins per year. Repeat applications as needed on a 10-14 day interval. Do not apply within 7 days of cutting or swathing the crop for harvest.		
Qols Azoxystrobin (11) Quadris, 22.9%	Spray or fungigation	6.2-15.4 fl oz/A	x	Resistance statement 5 ⁴ Quadris Opti should not be tank mixed with COC, MS0 or		
Azoxystrobin (11) + Chlorothalonil Quadris Opti, 4.6% : 46%	Spray	1.6-2.4 pt/A	Х	silicon adjuvants.		
Pyraclostrobin (11) Headline,23.6%	Spray or fungigation	5.5-8 fl oz/A	X			

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 page 10.