

Fungicide Products for Chickpea

Seed Treatments

Fungicide	Manufacturer	Active Ingredient	Disease	Rate (refer to label)
LSP	Gustafson	Thiabendazole	ascochyta blight	3 fl oz/100 lbs seed
Maxim 4FS	Syngenta	Fludioxonil	Various seedling blights	0.08-0.16 fl oz/100 lbs seed
Allegiance	Gustafson	Metalaxyl	Pythium seedling blight	0.75 fl oz/100 lbs seed
Apron XL	Syngenta	Mefanoxam	Pythium seedling blight	0.16-0.64 fl oz/100 lbs seed

Foliar Treatment Fungicides

Bravo Weatherstik Zn	Syngenta	Chlorothalonil	Ascochyta blight	1 3/8-2 pts/Ac	Apply at 7-10 day intervals Do not apply more than 4 x's 14 day PHI Do not graze livestock on treated foliage.
Bravo Ultrex	Syngenta	Chlorothalonil	Ascochyta Blight	1.25-1.8 lbs/A	Same as above
Headline	BASF		Ascochyta Blight	Refer to label	Refer to label

On **Ascochyta Blight** from Dr. M. Draper, SDSU, Associate Professor and Extension Plant Pathologist

My recommendations for managing this disease are:

- 1) Rotate away from chickpeas 3 out of four years,
- 2) Buy the best seed lot possible with the lowest level of Ascochyta contamination,
- 3) Treat the seed with LSP seed treatment,
- 4) Plant to treat with Bravo at the first sign of disease,
- 5) Treat with Quadris/Headline (assuming the labels are approved) 10-14 days later if cool wet conditions persist,
- 6) If a third treatment is needed, use Bravo again.

This is a worst case solution. Most growers will not consider three fungicide applications. If only one treatment is used, Quadris/Headline could be that treatment, but DO NOT follow that treatment with a second application of the same product.