

TABLE 1. CHICKPEAS - GUIDELINES FOR SAFE LEVELS OF INFECTED PULSE SEED FOR PLANTING:

Please note that these guidelines are subject to change and may vary with location and specific cropping practices.

Farmers are to use their own discretion!

CROP	DISEASE (Pathogen)	SAFE LEVEL TO PLANT	SEED TREATMENTS AVAILABLE ¹
CHICKPEA	ASCOCHYTA (<i>Ascochyta rabiei</i>)	<p>Use seed with less than 0.3% ascochyta infection². Even though a seed test may indicate 0% infection, the seed lot may still contain infected seed and seed treating is recommended.</p> <p>Seed-to-seedling transmission of ascochyta blight is high in chickpea. The disease is very aggressive and can spread quickly in a field once established and weather conditions are favourable.</p> <p>Guidelines for ascochyta blight control in chickpea are available at: http://www.agr.gov.sk.ca/docs/crops/integrated_Pest_management/disease/ascochytafungicides.asp?firstPick=Crops&secondpick=Integrate&thirdpick=Disease Or on a CD ROM (Contact 306-787-5297)</p>	<p>Apron Maxx RTA® (active ingredients: fludioxonil, metalaxyl-M)</p> <p>Crown® (active ingredients: carbathiin, thiabendazole)</p>
	SEED ROTS and DAMPING OFF (<i>Pythium</i> and <i>Phytophthora</i> species)	<p>These are soil-borne diseases and not tested for at seed testing labs.</p> <p>The use of seed treatment is strongly recommended for kabuli varieties since kabuli is very susceptible to these pathogens.</p>	<p>Allegiance FL®, Apron FL® (active ingredient: metalaxyl)</p> <p>Apron Maxx RTA® (active ingredients: fludioxonil, metalaxyl-M)</p>
	SEED ROTS and SEEDLING BLIGHTS (<i>Botrytis</i> , <i>Sclerotinia</i> , <i>Rhizoctonia</i> , and <i>Fusarium</i> species)	<p>These are primarily soil-borne diseases. Botrytis and sclerotinia are tested for at seed testing labs.</p> <p>Up to 10% infection (sclerotinia + botrytis) should be safe to plant, but will still result in significant seedling blight in the crop if a seed treatment is not used.</p>	<p>Apron Maxx RTA® (active ingredients: fludioxonil, metalaxyl-M)</p> <p>Crown® (active ingredients: carbathiin, thiabendazole)</p> <p>Maxim 480FS®³ (active ingredient: fludioxonil)</p>

¹ New seed treatments are continually being registered. Talk to your local agri-retailer, industry rep or provincial specialists for updated information on seed treatments registered in pulses. Always refer to the product label before applying product to the seed.

² SK Crop Insurance will not support claims that are made on fields that had over 0.3% seed infection and no seed treatment was used. Refer to the SCIC website at: <http://www.saskcropinsurance.com/programs/2005/Specialized/chickpeas.shtml>

³ Maxim 480FS® is only available to commercial seed treaters.