

TABLE 2 – LENTILS - 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 (<i>Pathogen</i>)	SAFE LEVEL TO PLANT	SEED TREATMENTS AVAILABLE ¹
LENTIL	ASCOCHYTA (<i>Ascochyta lentis</i>)	<p>Up to 5% ascochyta infection may be safe to plant in the brown and dark brown soil climatic zones of Saskatchewan, if weather patterns are normal.</p> <p>A seed treatment should be used if infection levels are close to or exceed 5%.</p> <p>Seed should not be planted if infection levels exceed 10%. High infection levels are usually indicative of other quality issues.</p> <p>Use 0% ascochyta infection if planting in the black soil climatic zone of Saskatchewan.</p>	<p>Apron Maxx RTA® (<i>active ingredients: fludioxonil, metalaxyl-M</i>)</p> <p>Crown® (<i>active ingredients: carbathiin, thiabendazole</i>)</p>
	ANTHRACNOSE (<i>Colletotrichum truncatum</i>)	<p>Even though anthracnose is not considered highly seed-borne, i.e. infection levels are rarely over 1%, it is still recommended to plant seed with as close to 0% anthracnose as possible.</p>	None.
	SEED ROTS and SEEDLING BLIGHTS (<i>Botrytis, Sclerotinia, Rhizoctonia, and 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® (<i>active ingredients: fludioxonil, metalaxyl-M</i>)</p> <p>Crown® (<i>active ingredients: carbathiin, thiabendazole</i>)</p> <p>Maxim 480FS®³ (<i>active ingredient: fludioxonil</i>)</p> <p>Vitaflo 280® (<i>active ingredients: carbathiin, thiram</i>)</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.