

**DESIGNATED SEED BORNE DISEASES OF FIELD CROPS**

Crop	Common Name	Causal Organism	Max permitted (No./10000 plants)	
			FS	CS
Wheat	Loose smut	<i>Ustilago tritici</i> (pers) Jens	10	50
Sorghum	Kernal smut or grain smut Head smut	<i>Sphacelotheca sorghi</i> (Link)Clinton <i>Sphacelotheca relliana</i> (Kuhn) Clinton	5	10
Bajra	Downy mildew/Green ear	<i>Sclerospora graminicola</i> (Sacc.) Schroet <i>Claviceps</i>	5	10
	Grain smut Ergot	<i>Tolyposporium pencillariae</i> (Brefeld) <i>Microcephala</i> (Fr.) Tul	2	4
Cow pea	Ashy stem blight Anthracnose	<i>Macrophomina phaseili</i> ( Maub). Ash <i>Colletotrichum lindemuthianum</i> (Sacc. And Magn.)	10	20
Green gram	Halo blight	<i>Pseudomonas phasiolicola</i> (Bark) (Dows)	10	20
French bean	Bacterial blight	<i>Xanthomonas spp.</i>	10	20
	Anthracnose	<i>Colletotrichm lindemuthianum</i> (Sacc.Magn.)		
	Bean mosaic	<i>Macrosiphum pisi</i> (katt.)		
	Ascochyta blight	<i>Ascochyta phaseolorum</i> (Ascc. Michelia)		
Sesamum	Leaf spot	<i>Cercospora sesamillunm</i>	50	100
Sunflower	Downey mildew	<i>Plasmopora halstedii</i> (Farl.) Beri & deT.	5	50