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SCHEDULE 4

REQUIREMENTS FOR BASIC SEED, CERTIFIED SEED, CERTIFIED SEED OF THE FIRST, SECOND AND THIRD GENERATIONS AND COMMERCIAL SEED

PART II

A. CONDITIONS RELATING TO BASIC SEED, CERTIFIED SEED AND CERTIFIED SEED OF THE FIRST, SECOND AND THIRD GENERATIONS

1. The seeds shall possess the varietal identity and varietal purity, as appropriate to the kind of seed, specified in Part I. Where a female male-sterile component and a male component which does not restore male fertility have been used for the production of Certified Seed of hybrids of sunflower, the seed produced by the male-sterile parent shall be blended with seed produced by the fully fertile seed parent. The ratio of male-sterile parent seed to male-fertile parent shall not exceed two to one.

2. The seeds shall comply with the following standards:—

Kind	Analytical purity		Maximum content by number of seeds of other plant species in a sample of the weight specified in Part II of Schedule 5							
	Minimum Germination (% of pure seed)	Minimum analytical purity (% by weight)	Maximum content of other plant species (% by weight)	Other plant species <sup>(*)</sup>	Wild Oat (Avena fatua, A. ludoviciana, A. sterilis)	Dodder (Cuscuta spp.)	Wild Radish (Raphanus spp.)	Dock (Rumex spp.)	Blackgrass (Alopecurus myosuroides)	Isolium (Isolium)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Brassica species	—	85	98	0.3	—	0	0 <sup>†</sup>	10	2	
Basic Seed	—	85	98	0.3	—	0	0 <sup>†</sup>	10	5	
Certified Seed										
Sunflower	85	98	—	5	0	0				
Flax	92	99	—	15	0	0 <sup>†</sup>			4	2
Linseed	85	99	—	15	0	0 <sup>†</sup>			4	2
Soya bean	80	98	—	5	0	0				

(\*) The maximum content of seeds laid down in Column 5 includes also the seeds of the kinds in Columns 6 to 11.

† The presence of one seed of dodder (*Cuscuta* spp.) in a sample of the prescribed weight shall not be regarded as an impurity where a second sample of the same weight is free from any seeds of dodder.

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Kind	Analytical purity			Maximum content by number of seeds of other plant species in a sample of the weight specified in Part II of Schedule 5						
	Minimum Germination (% of pure seed)	Minimum analytical purity (% by weight)	Maximum content of seed of other plant species (% by weight)	Other plant species <sup>(*)</sup>	Wild Oat ( <i>Avena fatua</i> , <i>A. ludoviciana</i> , <i>A. sterilis</i> )	Dodder ( <i>Cuscuta</i> spp.)	Wild Radish ( <i>Raphanus raphanistrum</i> )	Dock ( <i>Rumex acetosella</i> )	Blackgrass ( <i>Alopecurus myosuroides</i> )	Isolium ( <i>Isolium</i> )
White mustard	—	85	98	0.3	—	0	0 <sup>†</sup>	10	2	
Basic Seed	—	85	98	0.3	—	0	0 <sup>†</sup>	10	5	
Certified Seed	—	85	98	0.3	—	0	0 <sup>†</sup>	10	5	

(\*) The maximum content of seeds laid down in Column 5 includes also the seeds of the kinds in Columns 6 to 11.

† The presence of one seed of dodder (*Cuscuta* spp.) in a sample of the prescribed weight shall not be regarded as an impurity where a second sample of the same weight is free from any seeds of dodder.

**3.—(1)** The seeds shall be of a satisfactory state of health as far as seed-borne organisms and diseases affecting the seeds are concerned. In particular the seeds shall not exceed the following standards:

Kind	Harmful organisms Maximum percentage by number of seeds contaminated by harmful organisms (total per column)			
	1	2	3	4
Turnip rape				5
Swede rape				10
Sunflower		5		10
Flax and Linseed		5	5 <sup>(*)</sup>	

(\*) In flax the maximum percentage by number of seeds contaminated by *Phoma exiqua* var. *linicola* shall not exceed 1%.

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Harmful organisms				
Maximum percentage by number of seeds contaminated by harmful organisms (total per column)				
Kind	Botrytis spp.	Alternaria spp., Phoma exigua var.linicola, Colletotrichum lini, Fusarium spp.	Sclerotinia sclerotiorum (maximum number of sclerotia or fragments of sclerotia in a sample of the weight specified on Column 4 of Part II of Schedule 5)	
1	2	3	4	
White mustard				5

(\*) In flax the maximum percentage by number of seeds contaminated by *Phoma exigua* var. *linicola* shall not exceed 1%.

(2) In soya bean,

- (a) the maximum number of sub-samples within a sample of 5,000 seeds minimum per lot subdivided into 5 sub-samples which have been found to be contaminated by *Pseudomonas syringae* pv. *glycinea* shall not exceed 4;
- (b) the maximum number of seeds contaminated by *Diaporthe phaseolorum* shall not exceed 15%, and
- (c) the percentage by weight of inert matter shall not exceed 0.3%.