

# Seed Certification



## HYBRID SUNFLOWER RULES

Ref SR 019

20 November 2004

The following Rules are to be applied in conjunction with the "General Rules" for the Certification of Seed for sowing which contain the general procedures.

### OBJECTIVE

To provide for the certification of true to type seed of hybrid sunflower cultivars for export in accordance with the requirements of the international seed certification schemes.

### ELIGIBILITY OF AREA

An area will not be eligible for registration for the production of basic or certified hybrid sunflower seed if any part of the area nominated has grown a sunflower crop in the previous two (2) years other than a basic or certified self pollinated crop of the same cultivar.

### ISOLATION

Sunflower seed crops are to be separated by at least 3km (5km for crops producing basic seed of parental lines) from any possible source of contaminating pollen.

Crops may be grown within this isolation area provided they do not flower within a period from 3 weeks before to 3 weeks after the commencement of flowering of the registered seed crop.

### INSPECTIONS

Up to three (3) inspections may be carried out during the growing period. The first of these is to be made before the flowering stage, the second inspection at 5% flowering and the third inspection before the end of the flowering stage.

### CROP REJECTION

Seed shall be rejected for the purposes of Certification if it fails to comply with the following requirements in either the pollen parent or seed parent:-

#### basic seed

pollen parent	0.2 % max off-types
seed parent	0.5 % max off-types

#### certified hybrid seed

pollen parents	0.5 % max off-types
seed parent.	1.0 % max off-types
seed parent	0.5 % max pollen shedding.

### SEED QUALITY STANDARDS

Seed must meet the minimum standards as listed hereunder to be eligible for labelling as certified seed.

#### Basic seed

Nil if used by producer other wise certified seed standards apply.

#### Certified Seed

Minimum germination	75 %
Minimum Purity	97 %
Maximum Other Seed	0.2 %

### GROW-ON TESTING

For compliance with OECD standards, a maximum percentage tolerance of off-types, as listed below may not be exceeded in the grow-on test.

Sterile or Fertile Plants	5.0 %
Off Types	0.3 %
<b>Total of Above</b>	<b>5.0 %</b>

