

ANNEX X TO THE DECISION
OECD SCHEME FOR THE VARIETAL CERTIFICATION OF
SUBTERRANEAN CLOVER AND SIMILAR SPECIES

Specific Rules and Regulations

1 General

- 1.1 The OECD Subterranean Clover Seed Scheme shall cover seed of varieties of self-pollinating annual legume herbage plants produced, processed, sampled, labelled and fastened in accordance with the Common Rules and Regulations above, and those which form the subject of the following paragraphs and which are regarded as minimum requirements.
- 1.2 The Scheme is limited to varieties of Subterranean Clover, *Trifolium subterraneum*, and similar species. Because they are self-seeding, with variable dormancy periods, it is sometimes not possible to identify the generation of seed harvested. It will be a mixture of generations. These species cannot therefore be included in the Crucifers and other Oil and Fibre Species Seed Scheme. The list of species eligible for certification according to the Scheme is given in Appendix 2 of this Scheme. This list can be increased by common agreement of the National Designated Authorities.
- 1.3 The varieties shall be self-pollinating and have genetic stability in the region of seed production.
- 1.4 It is intended that “OECD Certified Seed” of first and successive generations (blue and red labels respectively) be used for fodder production only and not for further multiplication outside the Scheme.
- 1.5 The Scheme shall be implemented in the participating countries under the responsibility of the national governments that will designate Authorities for this purpose.

2 Lot size

- 2.1 For seeds the size of wheat, or larger, one seed lot shall not exceed 20 000 kg; for seeds smaller than wheat, one seed lot shall not exceed 10 000 kg. For seeds to be fastened as not finally certified seed, these maximum seed lot sizes do not apply.
- 2.2 Seed in excess of 20 000 kg or 10 000 kg, as specified above, shall be divided into lots no larger than 20 000 kg or 10 000 kg, each identified according to Rule 9.1 as a separate seed lot.
- 2.3 A tolerance of five per cent on these maxima is permissible.

Appendix 1

Minimum Requirements for the Production of Basic and Certified Seed under the Scheme

1. Isolation

Seed crops shall be isolated from other crops by a definite barrier or a space sufficient to prevent mixture during harvesting.

2. Weeds

Crops containing an excessive number of weeds shall be rejected.

3. Detection of contaminants already present in the field

When a field is sown to produce the first seed crop, means must be available to detect seed or plants of contaminant varieties which may already be present in the field.

4. Varietal and species purity

4.1 Minimum standards for crops to produce:

Basic Seed	Certified Seed	
99.5%	For the production of further generations of Certified Seed 98.0%	Not for the production of further generations of Certified Seed 95.0%

The impurities to be taken into account in determining compliance with these standards shall be:

- plants of the crop species which are recognisable in the field as obviously not being true to the variety concerned;
- plants of the crop species which have been identified as having grown from seed present in the field before sowing and which are difficult to distinguish visually in the field from the variety being grown for seed;
- plants of other species, the seeds of which are difficult to distinguish from the crop seeds in a laboratory test.

4.2 These standards apply to all seed-producing fields and shall be checked at field inspection.

4.3 Where post-control plots are grown in accordance with Rule 7, these also shall be used as a check.

5. Field Inspection

- 5.1 The crop must be in a fit state to permit accurate determination of varietal and species purity.
- 5.2 Inspectors shall be specially trained and in their field inspection, they shall be responsible only to the National Designated Authority. Additional conditions apply to authorised inspectors as indicated in Common Appendix 5.
- 5.3 One or more field inspections shall be made during the growing season, one being at the most appropriate stage for identification, usually flowering.
- 5.4 The field inspector shall check that all the minimum requirements laid down in this appendix have been satisfied.
- 5.5 Control plots grown from samples of the seed used to sow the crop entered for certification should, whenever possible, be available for detailed examination at the time of field inspection of the seed crops. This examination is intended to supplement the examination made for the determination of varietal purity at field inspection.
- 5.6 The National Designated Authority must decide for each field whether or not approval can be given to the field following inspection and, whenever possible, after a study of the results of the examination of the corresponding pre-control plot.
- 5.7 When determining the number of plants not true to the variety and the number of plants of other species, the inspector shall work to an appropriate method. (Methods are described in the OECD document *Guidelines for Control Plot Tests and Field Inspection of Seed Crops*).

6. Number of Harvest Years

The National Designated Authority shall decide the number of harvest years to be permitted for a seed field, with particular attention, when multiplying foreign varieties, to the effects of changed ecological conditions on varietal purity. These harvest years shall not be interrupted by one or more years in which the crop is not under the supervision of the National Designated Authority.

Appendix 2

Subterranean Clover and Similar Species Eligible for the Scheme

Botanical Name	French Name	English Name
BISSERULA PELECINUS L.	BISSERULE, ASTRAGALE DOUBLE- SCIE	BISSERULA
CENTROSEMA PASCUORUM C. Mart ex Benth	CENTENIER	CENTURION
MEDICAGO LITTORALIS Rohde ex Loisel.	LUZERNE DES RIVAGES	SHORE MEDIC, HARBINGER'S MEDIC
MEDICAGO MUREX Willd. [M. SPHAEROCARPOS Bertol.]	LUZERNE À FRUIT ROND	SPHERE MEDIC, SPHERE MEDICK
MEDICAGO POLYMORPHA (L.)	LUZERNE HÉRISSEE	BURR MEDIC
MEDICAGO RUGOSA Desr.	LUZERNE PLISSÉE	GAMA MEDIC
MEDICAGO SCUTELLATA (L.) Miller	LUZERNE À ÉCUSSON	SNAIL MEDIC
MEDICAGO TORNATA (L.) Mill.	LUZERNE RONDE	DISC MEDIC
MEDICAGO TRUNCATULA Gaertn.	LUZERNE TRONQUÉE	BARREL MEDIC, STRONG-SPINED MEDIC
MELILOTUS SICULUS (TURRA) B.D.Jack	MÉLILOT DE MESSINE	MESSINA, MESSINA MELILOT, SICILIAN MELILOT
ORNITHOPUS COMPRESSUS L.	ORNITHOPE COMPRIMÉ, SERRADELLE JAUNE, PIED D'OISEAU COMPRIMÉ	YELLOW SERRADELLA, YELLOW BIRD'S FOOT
ORNITHOPUS SATIVUS Brot X O. COMPRESSUS (L.) Broth & Linnaeus	SERRADELLE HYBRIDE	HYBRID SERRADELLA
TRIFOLIUM SPUMOSUM	TREFLE ÉCUMEUX	BLADDER CLOVER, BLADDER- POD CLOVER, MEDITERRANEAN CLOVER
TRIFOLIUM SUBTERRANEUM (L.)	TRÈFLE SOUTERRAIN	SUBTERRANEAN CLOVER

Appendix 3**Countries Eligible for Certification of Subterranean Clover
and Similar Species Seed**

AUSTRALIA	C(75)167	03/10/75
FRANCE	C(93)139/Final	27/12/93
MOLDOVA	C(2008)151	23/10/08
NEW ZEALAND	C(2007)122	14/11/07
PORTUGAL	C(88)16	20/10/88
SPAIN	C(76)218	08/12/76