

COUNCIL DIRECTIVE

of 30 March 1971

on external quality standards for forest reproductive material marketed within the Community

(71/161/EEC)

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community, and in particular Articles 43 and 100 thereof;

Having regard to the proposal from the Commission;

Having regard to the Opinion of the European Parliament¹;

Having regard to the Opinion of the Economic and Social Committee;

Whereas the Council Directive of 14 June 1966 on the marketing of forest reproductive material,² as amended by the Directive of 18 February 1969,³ was concerned only with the genetic characters of forest reproductive material;

Whereas the external quality of this reproductive material is important for successful afforestation and for forest productivity and whereas it thus contributes to improving the conditions necessary for land productivity;

Whereas, moreover, various Member States have for some years been applying rules which include external quality standards; whereas the discrepancies between those rules constitute an obstacle to trade between Member States; whereas it is in the interest of all Member States that Community rules imposing the highest possible standards should be established;

Whereas such rules should apply to marketing both in other Member States and on domestic markets;

Whereas such rules should take account of practical needs and should apply only to those species of tree

which are of importance for timber crop afforestation; whereas it must therefore be possible for each Member State to make those rules applicable to other species of tree if these are particularly suitable for afforestation in its own territory;

Whereas seed should be marketed only if it conforms to certain quality standards;

Whereas, moreover, Community quality standards for parts of plants and young plants should be introduced, provided that such reproductive material is marketed under the designation 'EEC Standard', only if it conforms to the above-mentioned standards;

Whereas Member States should, however, be authorised to provide that only such parts of plants and young plants as conform to the standards laid down may be placed on the market in their territories;

Whereas reproductive material satisfying the requirements of this Directive should be subject to no marketing restrictions other than those provided for in this Directive;

Whereas basically technical adjustments to the Annexes should be facilitated by an expeditious procedure;

Whereas, in order to facilitate intra-Community trade, the official certificate provided for in the Council Directive of 14 June 1966 should be used, to which should be added further information regarding official control of parts of plants and of young plants;

Whereas parts of plants and young plants intended mainly for purposes other than the production of wood should be excluded from the scope of these rules; whereas seed intended for export to third countries should also be excluded;

¹ OJ No C 97, 28.7.1969, p. 101.

² OJ No 125, 11.7.1966, p. 2326/66.

³ OJ No L 48, 26.2.1969, p. 12.

Whereas the Commission should be entrusted with the task of adopting certain measures for the application of this Directive; whereas, in order to facilitate implementation of the proposed measures; a procedure should be provided for establishing close co-operation between Member States and the Commission within the Standing Committee on Seeds and Propagating Material for Agriculture, Horticulture and Forestry set up by the Council Decision of 14 June 1966¹;

HAS ADOPTED THIS DIRECTIVE:

Article 1

This Directive shall apply to external quality standards for forest reproductive material marketed within the Community.

Article 2

This Directive covers:

(a) Reproductive material derived from:

- Abies alba* Mill. (*Abies pectinata* D.C.)
- Fagus sylvatica* L.
- Larix decidua* Mill.
- Larix leptolepis* (Sieb. and Zucc) Gord.
- Picea abies* Karst. (*Picea excelsa* Link.)
- Picea sitchensis* Trautv. et Mey. (*Picea menziesii* Carr.)
- Pinus nigra* Arn. (*Pinus laricio* Poir.)
- Pinus sylvestris* L.
- Pinus strobus* L.
- Pseudotsuga taxifolia* (Poir.) Britt. (*Pseudotsuga douglasii* Carr., *Pseudotsuga menziesii* (Mirb.) Franco.)
- Quercus borealis* Michx. (*Quercus rubra* du Roi.)
- Quercus pedunculata* Ehrh. (*Quercus robur* L.)
- Quercus sessiliflora* Sal. (*Quercus petraea* Liebl.);

(b) Vegetative reproductive material derived from:
Populus L.

Article 3

1. The Member States shall ensure that reproductive material of other genera and species and *Populus* reproductive material produced by sexual means are subject to no marketing restriction relating to their external qualities.

2. If, however, these materials are particularly suitable for afforestation in the territory of a Member State, that State, that State may be authorised to make them subject to measures which are consistent with this Directive.

3. The procedures for granting such authorisation and for laying down the conditions to which it would be subject shall be those provided in Article 18.

Article 4

For the purposes of this Directive the following definitions shall apply:

A. *Reproductive material*:

- (a) Seeds: fruits and seeds intended for the production of plants;
- (b) Parts of plants: cutting, layers and scions intended for the production of plants, but not sets;
- (c) Young plants: plants raised by means of seeds or parts of plants; also includes sets and natural regeneration;

B. *Marketing*: displaying for sale, offering for sale, sale, or delivery to another person;

C. *Official measures*: measures taken

- (a) by State authorities, or
- (b) by any legal person, whether governed by public or by private law, acting under the responsibility of the State, provided that such person derives no private gain from such measures.

Article 5

1. The Member States shall provide that seed may not be placed on the market unless it satisfies the conditions laid down in Annex 1.

2. Member States may provide for derogations from the provisions of paragraph 1 for tests or for scientific purposes.

Article 6

1. The Member States shall provide that parts of plants and young plants may not be placed on the market under the designation 'EEC Standard' unless they satisfy the conditions laid down in Annex 2 or 3.

2. The Member States shall take all measures necessary to check compliance with provisions adopted by them in pursuance of paragraph 1.

¹ OJ No 125, 11.7.1966, p. 2289/66.

Article 7

For the purpose of conforming to commercial practice in this matter, Member States may, under the procedure laid down in Article 18, be authorised to establish classes for indigenous plants belonging to species other than *Populus*, section Aigeiros, and satisfying the conditions laid down in Annex 3.

Article 8

Any Member State may, under the procedure laid down in Article 18, be authorised to restrict the parts of plants or young plants which may be placed on the market in all or in part of its territory to that reproductive material which satisfies the conditions laid down in Annex 2 or 3, or to special classes or categories of those Annexes.

Article 9

Any adjustments to the Annexes which have become necessary to take certain production and marketing techniques into account shall be made in accordance with the procedure laid down in Article 18.

Article 10

The Member States shall provide that, when seed is placed on the market, the following additional information be given in the document required under Article 9 of the Council Directive of 14 June 1966;

- (a) the words 'EEC Standard';
- (b) the number of viable seeds per kilogramme of product marketed as seed;
- (c) the purity;
- (d) the germination of the pure seed;
- (e) the weight per 1000 seeds of the lot;
- (f) where appropriate, a statement that the seed has been kept in cold storage.

Article 11

1. The Member States shall provide that, for parts of plants and young plants marketed under the designation 'EEC Standard', the following additional information be given in the document required under Article 9 of the Council Directive of 14 June 1966:

- (a) the words 'EEC Standard';

- (b) the EEC classification number in the case of parts of plants or young plants of *Populus*.

2. Member States may also require that the document state:

- the location of the nursery in which the plants were raised during their last growing season;
- the age, in the case of parts of plants of *Populus* which have had more than one growing season;
- the size of the plants.

Article 12

1. The Member States shall take all measures necessary to ensure compliance with the provisions of this Directive which concern seed, by official control in the form of check sampling at least. Official controls shall be carried out in accordance with current international methods, in so far as such methods exist.

2. The Member States shall ensure compliance with the provisions of this Directive which concern parts of plants and young plants by check sampling conducted in accordance with a system set up or approved by them and carried out preferably at the place of production. Controls shall be effected objectively and in such a manner that material is not damaged nor its delivery delayed.

Article 13

1. The Member States shall ensure that parts of plants and young plants are subject to no official quality control in the course of intra-Community trade up to the time of delivery to the recipient if they are accompanied by the official certificate provided for in Annex II to the Council Directive of 14 June 1966 and if, under Item 10 of that certificate, it is stated that the reproductive material has been officially controlled, as prescribed in Article 12 of this Directive.

2. Member States may provide that no parts of plants or young plants shall be introduced into their territories unless they are accompanied by the certificate referred to in paragraph 1 containing the information referred to in that paragraph.

Article 14

The Member States shall ensure that reproductive material is subject to no marketing restrictions as regards its external qualities, the classification of parts of plants or young plants, or as regards control

measures and marking other than those laid down in this Directive.

Article 15

In order to remove any temporary difficulties in the general supply of seed satisfying the requirements of this Directive that occur in one or more Member States and cannot be overcome within the Community, the Commission shall, at the request of at least one of the Member States affected and in accordance with the procedure laid down in Article 18, authorise one or more Member States to accept for marketing, for a period to be set by the Commission, seed of one or more species which satisfies less stringent requirements. Where such action is taken, the document referred to in Article 10 shall state that it relates to seed satisfying less stringent requirements.

Article 16

This Directive shall not apply to seed shown to be intended for export to third countries.

Article 17

This Directive shall not apply to parts of plants or to young plants shown to be intended mainly for purposes other than the production of wood.

Article 18

1. Where the procedure laid down in this Article is to be followed, matters shall be referred by the Chairman, either on his own initiative or at the request of the representative of a Member State, to the Standing Committee on Seeds and Propagating Material for Agriculture, Horticulture and Forestry (hereinafter called the 'Committee') set up by the Council Decision of 14 June 1966.

2. Within the Committee, the votes of the Member States shall be weighted as provided in Article 148 (2) of the Treaty. The Chairman shall not vote.

3. The representative of the Commission shall submit a draft of the measures to be adopted. The Committee shall deliver its Opinion on such measures within a time limit set by the Chairman according to the urgency of the matter. Opinions shall be delivered by a majority of twelve votes.

4. The Commission shall adopt measures which shall apply immediately. However, if these measures are not in accordance with the Opinion of the Committee, they shall forthwith be communicated by the Commission to the Council. In that event, the Commission may defer application of the measures which it has adopted for not more than one month from the date of such communication. The Council, acting by a qualified majority, may take a different decision within one month.

Article 19

The Member States shall, not later than 1 July 1973, bring into force the laws, regulations or administrative provisions necessary to comply with this Directive. They shall forthwith inform the Commission thereof.

Article 20

This Directive is addressed to the Member States.

Done at Brussels, 30 March 1971.

For the Council

The President

M. SCHUMANN

ANNEX 1

CONDITIONS WHICH SEEDS MUST SATISFY

- 1.1. Fruits and seeds must satisfy the follow conditions as regards their specific purity:

	Maximum content of fruits and seeds of other forest tree species (% of weight)
<i>Abies alba</i> Mill	0.1
<i>Fagus sylvatica</i> L.	0.1
<i>Larix decidua</i> Mill.	0.5 ¹
<i>Larix leptolepis</i> (Sieb. and Zucc.) Gord.	0.5 ¹
<i>Picea abies</i> Karst.	0.5
<i>Picea sitchensis</i> Trautv. et Mey	0.5
<i>Pinus nigra</i> Arn.	0.5
<i>Pinus sylvestris</i> L.	0.5
<i>Pinus strobus</i> L.	0.5
<i>Pseudotsuga taxifolia</i> (Poir.) Britt.	0.5
<i>Quercus borealis</i> Michx.	0.1
<i>Quercus pedunculata</i> Ehrh.	0.1 ²
<i>Quercus sessiliflora</i> Sal.	0.1 ²

¹ If not more than 1% of other *Larix* seeds is present this is not considered to be an impurity.
² If not more than 1% of other *Quercus* seeds is present this is not considered to be an impurity.

- 1.2. Harmful organisms which reduce the usefulness of the seeds shall be at the lowest possible level.

ANNEX 2

CONDITIONS WHICH PARTS OF PLANTS MUST SATISFY

- 2.1. *POPULUS* sp.

Lots shall include at least 95% of parts of plants of fair marketable quality.

Fair marketable quality shall be determined by reference to criteria relating to general characteristics, health and, where appropriate, size.

2.1.1. General characteristics and health

Parts of plants shall not be considered to be of fair marketable quality if:

- (a) their wood is unripe;
- (b) their wood is more than two seasons old;
- (c) they show anomalies of form such as forking, branching or excessive bending;
- (d) they have less than two well-formed buds;
- (e) they have not been severed with a clean cut;
- (f) they are partially or totally dried up, they show injury or their bark has become detached from the wood;
- (g) they are affected by necroses or show damage caused by harmful organisms;
- (h) they show any other deterioration which reduces their value for propagation purposes.

Criteria (a), (b), (c) and (d) shall apply neither to root cuttings nor to softwood cuttings.

2.1.2. Minimum dimensions

Criteria of size shall apply only to parts of plants of the Aigeiros section other than root cuttings and softwood cuttings.

- minimum length: 20 cm,
- minimum top diameter: Class 1/EEC: 8 mm,
Class 2/EEC: 10 mm.

2.2. FOREST TREE SPECIES OTHER THAN POPULUS

Lots shall include at least 95% of parts of plants of fair marketable quality.

Parts of plants shall not be considered to be of fair marketable quality if:

- (a) they show defects of form or insufficient vigour;
- (b) they have not been severed with a clean cut;
- (c) their age or size makes them unsuitable for propagation purposes;
- (d) they are partially or totally dried up or show injury other than wounds made by pruning;
- (e) they are affected by necroses or show damage caused by harmful organisms;
- (f) they show any other deterioration which reduces their value for propagation purposes.

All these criteria should be considered in relation to the species or clones in question.

ANNEX 3

CONDITIONS WHICH YOUNG PLANTS MUST SATISFY

3.0. Lots shall include at least 95% of young plants of fair marketable quality.

Fair marketable quality shall be determined by reference to criteria relating to general characteristics, health, age and size.

3.1. GENERAL CHARACTERISTICS AND HEALTH

The table below gives, for each genus and species in question, the defects which prevent young plants from being classed as of fair marketable quality. All these criteria should be considered in relation to the species or clone in question and to the suitability of the reproductive material for afforestation purposes.

Defects preventing young plants from being classed as of fair marketable quality	<i>Abies alba</i> <i>Picea</i>	<i>Larix</i>	<i>Pinus</i>	<i>Pseudotsuga</i> <i>taxifolia</i>	<i>Fagus</i> <i>sylvatica</i> <i>Quercus</i>	<i>Populus</i> sp.
(a) young plants with unhealed wounds						
— except cutting wounds where excess leaders have been removed	+	+	+	+	+	+
— except other such wounds incurred in the taking of cuttings	+	+	+	+		+
— except branch wounds	+	+	+	+	+	+
(b) young plants partially or totally dried up	+	+	+	+	+	+
(c) stem showing considerable bending	+			+		+
(d) multiple stem	+	+	+	+	+	+
(e) stem with several leaders	+	+	+			+
(f) stem and branches incompletely ripened	+ ¹		+ ¹			+ ²
(g) stem lacking a healthy terminal bud	+ ¹	+ ¹	+ ¹	+ ¹		
(h) branching either absent or clearly insufficient	+			+		
(i) youngest needles so seriously damaged as to endanger the survival of the plant	+		+	+		
(k) damaged root collar ⁴	+	+	+	+	+	+ ³
(l) main roots seriously entwined or twisted ⁴	+	+	+	+	+	
(m) secondary roots either absent or seriously cut	+	+	+	+	+ ⁵	
(n) young plants showing serious damage caused by harmful organisms	+	+	+	+	+	+
(o) young plants showing signs of heating, fermentation or mould following storage in the nursery	+	+	+	+	+	+

¹ unless the young plants were taken from the nursery during the growing season.

² except for clones of *Populus deltoides angulata*.

³ except for *Populus* plants butt-trimmed in the nursery.

⁴ except for sets.

⁵ except for *Quercus borealis*.

3.2. AGE AND SIZE

3.2.1. Forest tree species other than *Populus*3.2.1.1. *Scope*

The criteria relating to the age and size of young plants shall not apply to young plants which have not been transplanted.

3.2.1.2. *EEC minimum standard (age and size)*

	Normal young plants			Stocky young plants		
	Max. Age ¹ (years)	Height (cm)	Min. diam. at root collar (mm)	Max. Age ¹ (years)	Height ² (cm)	Min. diam. at root collar (mm)
<i>Abies alba</i>	4	10-15	4	4	10-15	4
	5	15-25	5	4	15-20	5
	5	25-35	5	5	20-25	6
	5	35-45	6	5	25-35	7
	5	45-60	8	5	35-40	8
	-	60 and over	10	-	40 and over	10
<i>Larix</i>	2	20-35	4			
	3	35-50	5			
	4	50-65	6			
	4	65-80	7			
	5	80-90	8			
	5	90 and over	10			
<i>Picea abies</i>	3	15-25	4	4	15-20	4
	4	25-40	5	4	20-30	5
	5	40-55	6	5	30-40	6
	5	55-65	7	5	40-50	8
	5	65-80	9	5	50-60	9
	-	80 and over	10	-	60 and over	10
<i>Picea sitchensis</i>	3	20-30	4			
	4	30-50	5			
	4	50-65	6			
	5	65-75	8			
	5	75-85	9			
	-	85 and over	10			
<i>Pinus sylvestris</i>	2	6-15	3	2	6-10	3
	3	15-25	4	3	10-20	4
	3	25-35	5	3	20-30	5
	3	35-45	6	3	30-40	6
	4	45-55	7	4	40-50	7
				-	50 and over	8
<i>Pinus nigra austriaca</i>	2	6-15	3	2	6-10	3
	3	15-25	4	3	10-20	4
	4	25-35	5	4	20-30	5
	4	35-45	6	4	30-40	6
	4	45-55	7	4	40-50	7
			-	50 and over	8	
<i>Pinus nigra (other than austriaca)</i>	2	5-10	3			
	3	10-20	4			
	3	20-30	5			
	4	30-40	6			
	4	40-50	7			
	-	50 and over	8			

	Normal young plants			Stocky young plants		
	Max. Age ₁ (years)	Height ₂ (cm)	Min. diam. at root collar (mm)	Max. Age ₁ (years)	Height ₂ (cm)	Min. diam. at root collar (mm)
<i>Pinus strobus</i>	2	6-10	3			
	3	10-20	4			
	4	20-30	5			
	4	30-40	6			
	5	40-50	7			
	5	50-60	8			
	5	60 and over	10			
<i>Pseudotsuga taxifolia</i>	2	20-25	3	3	20-25	4
	3	25-30	4	4	25-35	5
	3	30-40	5	4	35-40	6
	4	40-50	6	4	40-45	6
	4	50-60	7	4	45-55	7
	4	60-70	8	4	55-65	8
	4	70-80	9	4	65-70	9
	4	80-100	12	-	70 and over	12
	-	100 and over	14			
<i>Fagus sylvatica, Quercus</i>	2	15-25	4			
	3	25-40	5			
	4	40-55	6			
	4	55-70	7			
	5	70-85	9			
	-	85 and over	11			

¹ Age: Age is expressed in numbers of complete years. Each growing season begun shall count as a complete year.

The growing season shall be considered to have begun:

- in the case of plants with a terminal shoot not yet containing a dormant terminal bud, when this shoot is not less than one quarter of the length of the previous year's shoot,
- in the case of young plants with a shorter terminal shoot, when this shoot contains a dormant bud.

² Height: Height shall be measured to within ± 1 cm in the case of young plants not exceeding 30 cm in height, and to within ± 2.5 cm in the case of young plants exceeding 30 cm in height.

3.2.2. Populus

3.2.2.1. Scope

Size standards shall apply only to young *Populus* plants of the Aigeiros section.

3.2.2.2. Age of young plants

The maximum age permitted shall be four years for the stem, and, where appropriate, five years for the root.

3.2.2.3. Size groups

(a) Non-Mediterranean regions

Age	Point of diameter measurement	EEC Classification Number	Diameter (mm)	Height (m)	
				minimum	maximum
0 + 1	0.50 m	N 1 a	6 to 8	1.00	1.50
		N 1 b	more than 8 but not more than 10	1.00	1.75
		N 1 c	more than 10 but not more than 12	1.00	2.00
		N 1 d	more than 12 but not more than 15	1.00	2.25
		N 1 e	more than 15 but not more than 20	1.00	2.50
		N 1 f	more than 20	1.00	—
more than 1 year	1 m	N 2	8 to 10	1.75	2.50
		N 3	more than 10 but not more than 15	1.75	3.00
		N 4	more than 15 but not more than 20	1.75	3.50
		N 5	more than 20 but not more than 25	2.25	4.00
		N 6	more than 25 but not more than 30	2.25	4.75
		N 7	more than 30 but not more than 40	2.75	5.75
		N 8	more than 40 but not more than 50	2.75	6.75
		N 9	more than 50	4.00	—

(b) Mediterranean regions

0 + 1	0.50 m	S 1 a	15 to 20	2.00	3.50
		S 1 b	more than 20 but not more than 25	2.00	3.75
		S 1 c	more than 25 but not more than 30	2.50	4.00
		S 1 d	more than 30 but not more than 35	2.50	4.50
		S 1 e	more than 35	3.00	5.00
more than 1 year	1 m	S 2	25 to 30	3.25	6.50
		S 3	more than 30 but not more than 38	3.75	8.00
		S 4	more than 38 but not more than 46	4.00	9.00
		S 5	more than 46 but not more than 54	5.00	10.00
		S 6	more than 54	5.00	12.00