1971. No. 305 **[C]**

SEEDS

REGULATIONS, DATED 30TH SEPTEMBER 1971, MADE BY THE MINISTRY OF AGRICULTURE UNDER SECTION 1 OF THE SEEDS ACT (NORTHERN IRELAND) 1965.

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The Ministry of Agriculture in exercise of the powers vested in it under Section 1 of the Seeds Act (Northern Ireland) 1965(a) and of every other power enabling it in that behalf, after consultation with representatives of such interests as appear to it to be concerned hereby make the following Regulations:—

Citation and commencement

1. These Regulations may be cited as the Seeds Regulations (Northern Ireland) 1971, and shall come into operation on the 1st day of October 1971.

Revocation

2. The Seeds Regulations (Northern Ireland) 1961(b) are hereby revoked.

Interpretation

3. In these Regulations, unless the context otherwise requires, the following terms have the meanings hereby respectively assigned to them:—

"the Act" means the Seeds Act (Northern Ireland) 1965;

"the Ministry" means the Ministry of Agriculture;

"recognised seed testing station" means the official seed testing station, an official seed testing station established in Great Britain, a seed testing establishment licensed in Great Britain or Northern Ireland and any official seed testing station recognised by the International Seed Testing Association;

"germination test" means a test made at a recognised seed testing station to ascertain the percentage of germination of seeds;

"injurious weeds" means the weeds specified in the Fifth Schedule;

"prohibited weeds" means the weeds specified in the Sixth Schedule;

"percentage of germination" means the percentage by number of pure seeds which in the course of a germination test produce seedlings which have developed the structures which indicate the ability to produce mature plants under favourable conditions in the field;

"percentage of hard seeds" means the percentage by number of pure seeds which remain hard at the end of a germination test because they have not absorbed water;

"percentage of purity" means the percentage by weight of pure seeds as ascertained in a purity test;

"percentage of weed seeds" means the percentage by weight of weed seeds as ascertained in a purity test;

"prescribed declarable minimum percentage of germination" means in relation to seeds of any kind specified in the Fourth Schedule, the percentage of germination stated in that Schedule in respect of those seeds;

"prescribed declarable minimum percentage of purity" means, in relation to seeds of any kind specified in the Third Schedule, the percentage of purity stated in that Schedule in respect of those seeds;

"pure seeds" means whole seeds of the kind which the seeds purport to be, (including any such seeds which are immature, shrivelled, sprouted, cracked, insect-damaged, diseased or otherwise injured) and pieces of such seeds larger than one-half of the original size of the whole seed but excluding—

(i) in the case of seeds of legumes, crucifers, and conifers, seeds or pieces of seeds from which the seed coat is entirely removed;

(a) 1965. c. 22 (N.I.). (b) S.R. & O. (N.I.) 1961, No. 167.

(ii) in the case of grasses, empty glumes, sterile florets and seeds and pieces of seeds without an obvious caryopsis containing endosperm; and

(iii) in the case of forest tree seeds, seed wings;

Provided that when applied to seeds of a kind which cannot be distinguished from seeds of other kinds by expert macroscopic examination, the expression "pure seeds" when used in these Regulations shall not imply that the seeds are necessarily of the kind which they purport to be;

"purity test" means a test made at a recognised seed testing station to ascertain the percentage of purity of seeds;

"weed seeds" means whole seeds of bulbils or pieces of seeds or bulbils of any plants commonly regarded as weeds (including the seeds of plants of injurious and prohibited weeds) and, without prejudice to the generality of the foregoing definition, of any plants specified in the Seventh Schedule.

Seeds to which the Regulations apply

4. These Regulations shall apply to the kinds of seeds specified in the First Schedule. All hybrid forms of and derivatives from any of those kinds of seeds shall be deemed to be kinds of seeds included in the said Schedule, notwithstanding that they may be generally known by a name not appearing therein.

Particulars to be delivered on sale of seeds

5.—(1) As regards seeds which are sold or offered or exposed for sale, the seller shall deliver to the purchaser at the time of delivery of such seeds a statement in writing containing as regards the kind of seeds referred to in Parts I and II of the Second Schedule such particulars as are set out therein.

(2) Particulars referred to in the preceding paragraph shall be particulars ascertained on a test of the said seeds carried out at a recognised seed testing station.

(3) Where seeds are sold or offered or exposed for sale at any time other than some time within the months of August or September, a test for the purpose of the preceding sub-section shall be a test made not earlier than the first day of the month of August last preceding, and where seeds are sold or offered or exposed for sale at any time within the months of August or September, the test shall be a test made not earlier than the first day of the month of August in the previous year.

(4) Sub-sections (2) and (3) of Section 4 of the Act shall apply to statements delivered in pursuance of sub-section (1) of Section 5.

Limits of variation

6. For the purposes of sub-sections (2) and (3) of Section 4 and Section 5 of the Act the limits of variation in relation to the particulars in a statutory statement shall be:—

(*a*) in respect of percentages of purity, germination, hard seeds and weed seeds, the percentages set out in Parts I to IV respectively of the Eighth Schedule;

(*b*) in respect of the number of seeds of any injurious weeds, the number set out in Part V of the Eighth Schedule.

Sampling

7. For the purpose of a test of seeds to ascertain any particulars to be given in compliance with these Regulations, a sample of seeds shall be taken and dealt with in accordance with the Ninth Schedule.

Prohibited weed seed

8.—(1) If, on a test of seeds carried out at an official seed testing station of a sample drawn by an authorised officer in accordance with the Ninth Schedule there is found to be present any seed of weeds of a kind prescribed in the Sixth Schedule, the importation or removal into Northern Ireland, or the selling or the offering or exposing for sale of such seeds shall be prohibited.

(2) For the purposes of this Regulation the presence of not more than one seed of any prohibited weed seeds in one half of a sample of 2 lb 4 oz shall be ignored provided that the other half is found to be free of any prohibited weed seeds.

Use of samples in criminal proceedings

9. Samples shall be taken by an authorised officer and shall, as soon as possible thereafter be divided by him into three parts, each part being marked and sealed by him. The authorised officer shall then arrange for one part to be delivered or tendered to the owner of the seeds and for two parts to be delivered or sent by post to the Chief Officer of the Official Seed Testing Station who will arrange for one part to be tested and for the other part to be retained for production where use of it may be required by the Court in proceedings taken under the Act.

Certificate of the results of a test of seeds

10.—(1) A certificate of the result of a test of a sample sent to the Official Seed Testing Station shall be in the form set out in the Tenth Schedule.

(2) Every such certificate shall be sent to the Ministry and a copy thereof shall be sent by the Ministry to the owner of the seeds.

Keeping of records

11.—Persons who deal in seeds shall:—

(i) keep records of:—
  (*a*) transactions in seeds;
  (*b*) statutory statements given or received by them, and other statements or invoices given or received by them in connection with the sale of seeds;
  (*c*) processes or treatments applied to seeds;
  (*d*) the results of tests of seeds;
  (*e*) seed sown by them, the acreages involved and yield of these crops;

  and shall permit authorised officers of the Ministry to examine such records;

(ii) maintain the said records for a period of two years;

(iii) in the case of seeds imported or removed into Northern Ireland, supply the Ministry within three days of such importation or removal with information as to the quantity, nature and location of such seed.

Exemptions

12.—(1) The Ministry may, by licence, exempt any person or class of persons from compliance with all or any of the provisions of these Regulations where it is satisfied that the circumstances connected with the sale are such that compliance with such Regulations either generally or in a particular respect cannot reasonably be required.

(2) A licence issued by the Ministry under paragraph (1) shall be subject to such conditions as the Ministry may specify in the licence.

(3) Any breach of a condition imposed by such a licence shall render the licence void.

Sealed with the Official Seal of the Ministry of Agriculture for Northern Ireland this 30th day of September 1971 in the presence of:—

(L.S.) *A. McKelvie,*
Assistant Secretary.

FIRST SCHEDULE

The kinds of seeds to which the Regulations apply

Herbage (including amenity grass) seeds

Perennial ryegrass	Crested dogstail	Crimson clover
Italian ryegrass	Red clover	Trefoil
Meadow fescue	Alsike clover	Lucerne
Timothy	White clover	Sainfoin
Westerwolds ryegrass	Rough stalked meadow grass	Sweet clover
Hybrid ryegrass		Kidney vetch
Tall fescue	Smooth stalked meadow grass	Birdsfoot trefoil
Red fescue (including Chewings fescue)	Meadow foxtail	Yarrow
Hard fescue	Brown top	Suckling clover
Sheeps fescue	Red top	
Cocksfoot		

Cereal seeds of the following kinds

Wheat	Barley	Oats
	Maize (excluding sweet corn)	Rye

Field seeds of the following kinds

Tares and vetches	Flax	Linseed
Buckwheat	Lupin	Sunflower

Root and vegetable seeds of the following kinds

Field bean	Mangel	Kale (including thousand head, marrow stem, garden kale and borecole)
Broad bean	Swede	
Dwarf bean (including climbing French or pole bean)	Turnip	
	Parsnip	
	Carrot	Cabbage
Runner bean	Onion	Cauliflower (including winter and spring heading forms commonly known as broccoli)
Field pea	Rape or cole (including fodder and oil rapes)	
Garden pea		
Beetroot	Kohl rabi	
Sugar beet	Hungry gap kale	Sprouting broccoli (including calabrese)
Fodder beet	Tomato	
Fodder sugar beet	Lettuce	Brussels sprout
Half sugar mangel	Endive	Celeriac
Spinach beet (including chard)	Chicory	Radish
	Cress	Savoy
Vegetable marrow	Mustard	Spinach
Cucumber	Celery	Parsley
Melon	Sweet corn	Leek

Forest tree seeds of the following kinds

English name	*Current name*	*Common synonym*
Coniferous Species		
Silver fir	*Abies alba* Mill.	*Abies pectinata* D.C.
Grand fir	*Abies grandis* Lindl.	——
Noble fir	*Abies nobilis* Lindl.	*Abies procera* Rehder.
Lawson cypress	*Chamaecyparis lawsoniana* (A. Murray) Parl.	——

Monterey cypress	*Cupressus macrocarpa* Gord.	——
European larch	*Larix decidua* Mill.	*Larix europaea* D.C.
Japanese larch	*Larix leptolepis* (Sieb. & Zucc.) Gord	——
Hybrid larch	*Larix* × *eurolepis* Henry	——
Norway spruce	*Picea abies* (L.) Karst.	*Picea excelsa* Link.
Serbian spruce	*Picea amorika* Purkyne	——
Sitka spruce	*Picea sitchensis* (Bongard) Carr.	——
Lodgepole pine	*Pinus contorta* Loud.	——
Mountain pine	*Pinus mugo* Turra	*Pinus montana* Mill.
Austrian pine	*Pinus nigra* var. *austriaca* (Hoess) Asch. and Graeb.	*Pinus laricio* var. *austriaca* (Hoess) Loud.
Corcisan pine	*Pinus nigra* var. *calabrica* (Loudon) Schneider	*Pinus laricio* var. *poiretiana* (Antoine) Asch. & Graeb.
Monterey pine	*Pinus radiata* D. Don.	*Pinus insignis* Dougl.
Scots pine	*Pinus sylvestris* L.	——
Douglas fir	*Pseudotsuga taxifolia* (Poiret) Britt.	*Pseudotsuga douglasii* Carr.
Wellingtonia	*Sequoiadendron giganteum* (Lindl.) Buch.	*Sequoia gigantea* (Lindl.) Decaisne.
Redwood	*Sequoia sempervirens* (Lamb.) Endl.	——
Western hemlock	*Tsuga heterophylla* (Rafinesque) Sarg.	——
Western red cedar	*Thuja plicata* Lamb.	——
Broadleaved Species		
Norway maple	*Acer platanoides* L.	——
Sycamore	*Acer pseudoplatanus* L.	——
Common alder	*Alnus glutinosa* (L.) Gaert.	——
Grey alder	*Alnus incana* (L.) Moench.	——
Italian alder	*Alnus cordata* Desfont.	——
Birch	*Betula pendula* Roth.	*Betula verrucosa* Ehrh.
Birch	*Betula pubescens* Ehrh.	——
Sweet or Spanish chestnut	*Castanea sativa* Mill.	——
Beech	*Fagus sylvatica* L.	——
Ash	*Fraxinus excelsior* L.	——
English elm	*Ulmus procera* Salis.	*Ulmus campestris* L.
Wych elm	*Ulmus glabra* Huds.	*Ulmus montana* Withering.
Smooth leaved elm	*Ulmus carpinifolia* Gled.	——
Red oak	*Quercus borealis* Michx.	——
Sessile oak	*Quercus petraea* (Matt.) Lieb.	*Quercus sessiliflora* Salis.
Pedunculate oak	*Quercus robur* L.	*Quercus pedunculata* Ehrh.

SECOND SCHEDULE

Particulars to be given when seeds are sold or offered or exposed for sale

PART I

SEEDS

Particulars to be given in all cases

(Except where particulars are given in respect of packeted root and vegetable seeds in accordance with Part II of this Schedule)

(*a*) The name and address of the seller of the seeds.

(*b*) A statement that the seeds have been tested, in the case of seeds other than garden seeds, at a recognised seed testing station and, in the case of garden seeds, has been made either as aforesaid or in any other sufficient manner.

(*c*) The kind of seeds.

(*d*) Where the seeds have been treated with a liquid or powder to control pests or diseases or have been fumigated, pelleted or rubbed.

(i) a statement whether the particulars of purity and germination are based on tests made before or after the application of the treatment, fumigation, pelleting or rubbing, as the case may be;

(ii) in the case of seeds which have been treated, the nature or the proprietary name of the liquid or powder;

(iii) in the case of seeds which have been fumigated, the nature or the proprietary name of the fumigant and the purpose for which it has been applied; and

(iv) in the case of pelleted seeds, the nature of the proprietary name of the pelleting material and the purpose for which it has been applied.

(*e*) Where the seeds are hybrid seeds, whether F1, double cross or of a like character, a statement indicating that plants grown from them cannot be relied upon to yield seed with the same characteristics.

(*f*) Where the seeds comprise a mixture, a statement to that effect and such particulars in respect of each constituent as would be required if that constituent alone were sold or offered for sale, together with a statement of the proportion, by weight, of each constituent present in the mixture.

Provided

(1) that where the mixture is one which was made during the period of twelve months which expired on the 31st July last previous to the date of the sale, the particulars relating respectively to purity, injurious weeds and other weeds may be given in respect of the mixture as a whole and not in respect of each constituent;

(2) that where the mixture is one of seeds derived from plants which have been grown together, it shall be sufficient to state that fact and to give in respect of the mixture as a whole the particulars which would otherwise have been required in respect of each constituent.

For the purposes of this paragraph, a mixture is a bulk of seeds consisting of 2 or more kinds, varieties or types of seeds (not being weed seeds), in which the constituent or constituents, other than the principal constituent, exceeds or exceed seven per cent. by weight of the bulk.

(*g*) In the case of cereal seeds a statement that the seeds contain no prohibited weed seeds. For this purpose the presence of not more than one seed of any prohibited weed seeds in one half of a sample of 2 lb. 4 ozs. shall be ignored provided that the other half is found to be free of any prohibited weed seeds.

Further particulars to be given according to the kind of seeds

Herbage (including amenity grass) seeds

(as specified in the First Schedule to these Regulations)

Variety and type

(i) In the case of

Perennial ryegrass	Crested dogstail	Crimson clover
Italian ryegrass	Red clover	Trefoil
Meadow fescue	Alsike clover	Lucerne
Timothy	White clover	Sainfoin
Westerwolds ryegrass	Rough stalked meadow grass	Sweet Clover
Hybrid ryegrass	Smooth stalked meadow grass	Kidney vetch
Tall fescue	Meadow foxtail	Birdsfoot trefoil
Red fescue (including Chewings fescue)	Brown top	Yarrow
Hard fescue	Red top	Suckling clover
Sheeps fescue		
Cocksfoot		

either (*a*) the variety, (*b*) the type, (*c*) the variety and the type of the seeds, or (*d*) the words "variety and type not specified".

Origin

(ii) The name of the country in which the seeds were grown or a statement that the country in which the seeds were grown is not known.

Purity

(iii) The percentage of purity of the seeds.

Germination

(iv) The percentage of germination of the seeds.

Hard seeds

(v) In the case of

Red clover	Crimson clover	Suckling clover
Alsike clover	Trefoil	Sweet clover
White clover	Lucerne	Kidney vetch
Sainfoin		Birdsfood trefoil

the percentage of hard seeds.

Injurious weeds

(vi) The name and number of seeds, as ascertained on a purity test, of any of the injurious weeds of which more than one seed was so ascertained (seeds of docks and sorrels being regarded for the purpose of this requirement as seeds of the same kind).

Weed seeds

(vii) The percentage of weed seeds present, where such percentage exceeds 0.5.

(viii) Particulars to be given in accordance with Part I shall not apply to amenity grasses provided the consignment or sale does not exceed 28 pounds in weight.

Cereal seeds

(as specified in the First Schedule to these Regulations)

Variety and type

(i) In the case of

Wheat	Barley	Oats

the variety of the seeds or the words "variety not specified".

Provided that in the case of wheat and barley a statement of variety shall not be deemed to be incorrect if it is true in respect of 98 per cent. of the seeds.

(ii) In the case of

Rye	Maize (excluding sweet corn)

either (*a*) the variety, (*b*) the type, (*c*) the variety and the type of the seeds, or (*d*) the words "variety and type not specified".

Origin

(iii) The name of the country in which the seeds were grown (or alternatively, in the case of seeds grown in the United Kingdom, a statement to that effect), or a statement that the country in which the seeds were grown is not known.

Purity

(iv) Either the percentage of purity of the seeds or, if such percentage is not less than the prescribed declarable minimum percentage of purity, a statement to that effect, disclosing the minimum percentage prescribed.

Germination

(v) Either the percentage of germination of the seeds or, if such percentage is not less than the prescribed declarable minimum percentage of germination, a statement to that effect, disclosing the minimum percentage prescribed.

Injurious weeds

(vi) The name and number of seeds of any of the injurious weeds in a sample of 8 ounces as ascertained on a test made at a recognised seed testing station.

Weed seeds

(vii) The percentage of weed seeds present, where such percentage exceeds 0.5.

Field seeds

(as specified in the First Schedule)

Variety and type

(i) In the case of

Flax	Linseed

the variety of the seeds or the words "variety not specified".

(ii) In the case of

Tares and vetches	Lupin	Sunflower

either (*a*) the variety, (*b*) the type, (*c*) the variety and the type of the seeds, or (*d*) the words "variety and type not specified".

Origin

(iii) The name of the country in which the seeds were grown or a statement that the country in which the seeds were grown is not known.

Purity

(iv) The percentage of purity of the seeds.

Germination

(v) The percentage of germination of the seeds.

Injurious weeds

(vi) The name and number of seeds, as ascertained on a purity test, of any of the injurious weeds of which more than one seed was so ascertained (the seeds of docks and sorrels being regarded for the purpose of this requirement as seeds of the same kind).

Weed seeds

(vii) The percentage of weed seeds present, where such percentage exceeds 0.5.

Root and vegetable seeds

(as specified in the First Schedule)

Variety and type

(i) In the case of

Dwarf bean (including climbing French or pole bean)	Garden pea	Tomato
	Sugar beet	Lettuce

the variety of the seeds or the words "variety not specified".

(ii) In the case of

Field bean	Kale (including thousand head, marrow stem, garden kale and borecole)	Fodder sugar beet
Broad bean		Half sugar mangel
Runner bean		Vegetable marrow
Field pea		Cucumber
Beetroot	Cabbage	Melon
Mangel	Cauliflower (including winter and spring heading forms commonly known as broccoli)	Chicory
Swede		Celery
Turnip		Radish
Parsnip		Savoy
Carrot	Sprouting broccoli (including calabrese)	Spinach
Onion		Leek
Rape or cole (including fodder and oil rapes)	Brussels sprout	Sweet corn
	Fodder beet	

either (*a*) the variety, (*b*) the type, (*c*) the variety and the type of the seeds, or (*d*) the words "variety and type not specified".

Origin

(iii) The name of the country in which the seeds were grown or a statement that the country in which the seeds were grown is not known.

Provided that in the case of seeds not stated to be "Certified" or "Field Approved" the particulars referred to in this paragraph need not be given unless demanded by the purchaser of the seeds.

Purity

(iv) In all cases except cucumber, melon and vegetable marrow, either the percentage of purity of the seeds or, if such percentage is not less than the prescribed declarable minimum percentage of purity, a statement to that effect, disclosing the minimum percentage prescribed.

Germination

(v) Either the percentage of germination of the seeds or, if such percentage is not less than the prescribed declarable minimum percentage of germination, a statement to that effect, disclosing the minimum percentage prescribed.

Celery Leaf Spot

(vi) In the case of celery, whether or not the seeds are free from Celery Leaf Spot (Septoria spp.) or whether or not they have been effectively treated for that disease.

Forest tree seeds

(as specified in the First Schedule)

Origin

(i) The name of the country in which the seeds were grown or a statement that the country in which the seeds were grown is not known.

Collection

(ii) The year and month in which the seeds were collected.

Purity

(iii) The percentage of purity of the seeds.

Germination

(iv) The percentage of germination of the seeds.

Particulars of origin given in accordance with this Part of this Schedule

For the purpose of particulars of the origin of seeds, given in accordance with this Part of this Schedule, England, Wales, Scotland and Northern Ireland shall be regarded as separate countries.

PART II

Packeted root and vegetable seeds

In a case where root or vegetable seeds are sold in a packet of which the contents do not exceed the weight indicated below in relation to the particular seeds namely:—

Seeds	*Weight of contents of packet*
pea and bean	2 lb.
cress, mustard, rape, spinach, beetroot, radish, turnip and swede	8 oz.
any other root and vegetable seeds	2 oz.

then in lieu of the particulars hereinbefore required in respect of the seeds the particulars required in respect thereof by paragraphs (i) and (iii) inclusive and (v) to (x) inclusive which appear below may be stated on the packet and the particulars required by paragraph (iv) which appears below may be stated either on the packet or on a slip inserted in it. The said particulars are

(i) The name and address of the seller of the seeds.

(ii) A statement that the seeds have been tested at a recognised Seed Testing Station.

(iii) The kind of seeds.

(iv) (*a*) In the case of seeds which have been treated with a liquid or powder to control pests or disease, or have been fumigated, a statement that the seeds have been treated or fumigated, as the case may be, and of the purpose for which the treatment or fumigant has been applied; and

(*b*) in the case of pelleted seeds, a statement of the nature or of the proprietary name of the pelleting material and of the purpose for which it has been applied.

(v) In the case of

Dwarf bean (including climbing French or pole bean)	Garden pea Sugar beet	Tomato Lettuce

the variety of the seeds or the words "variety not specified".

(vi) In the case of

Field bean	Kale (including thousand head, marrow stem, garden kale and borecole)	Fodder sugar beet
Broad bean		Half sugar mangel
Runner bean		Vegetable marrow
Field pea		Cucumber
Beetroot	Cabbage	Melon
Mangel	Cauliflower (including winter and spring heading forms commonly known as broccoli)	Chicory
Swede		Celery
Turnip		Radish
Parsnip		Savoy
Carrot		Spinach
Onion	Sprouting broccoli (including calabrese)	Leek
Rape or cole (including fodder and oil rapes)		Sweet corn
	Brussels sprout	
	Fodder beet	

either (*a*) the variety, (*b*) the type, (*c*) the variety and the type of the seeds, or (*d*) the words "variety and type not specified".

(vii) The season in which the seeds were packeted.

Provided that the term "season" shall for the purpose of this requirement mean a twelve months season ending on the 31st July, and that it shall be sufficient to state the year in which the season expires.

(viii) Either the percentage of purity of the seeds, printed in not less than ten point type or otherwise stated legibly in characters of at least that size, or, if such percentage is not less than the prescribed minimum declarable percentage of purity, a statment to that effect.

(ix) Either the percentage of germination of the seeds, printed in not less than ten point type or otherwise stated legibly in characters of at least that size, or, if such percentage is not less than the prescribed declarable minimum percentage of germination, a statement to that effect.

(x) Where the seeds are hybrid seeds, whether F1, double cross or of a like character, a statement indicating that plants grown from them cannot be relied upon to yield seed with the same characteristics.

Provided that where reference is made to the prescribed minimum declarable percentage of purity or to the prescribed minimum declarable percentage of germination a notice showing the prescribed minimum declarable percentage of purity or of germination, as the case may be, shall be displayed conspicuously in close proximity to the seeds.

THIRD SCHEDULE

Prescribed declarable minimum percentages of purity

Kind of Seed	*Percentage of Purity*	*Kind of seed*	*Percentage of Purity*
Pea	99	Kale (garden and borecole)	98
Bean—field	98	Hungry gap kale	98
Bean—broad	99	Cauliflower (including winter and spring heading forms commonly known as broccoli)	98
Bean—runner	99	Sprouting broccoli (including calabrese)	98
Bean—dwarf (including climbing French or pole bean)	99	Brussels sprout	98
Mangel	97	Radish	98
Fodder beet	97	Onion	98
Fodder sugar beet	97	Leek	98
Half sugar mangel	97	Spinach	97
Sugar beet	97	Lettuce	98
Beetroot	97	Tomato	99
Spinach beet (including chard)	97	Celery	97
Carrot	93	Celeriac	97
Parsnip	97	Parsley	97
Mustard	98	Cress	99
Rape or cole (including fodder and oil rapes)	98	Chicory	95
Swede	98	Sweet corn	99
Turnip	98	Endive	95
Kohl rabi	98	Wheat	99
Cabbage	98	Barley	99
Savoy	98	Oats	99
Kale (including thousand head and marrow stem)	98	Rye	99
		Maize	99

FOURTH SCHEDULE

Prescribed declarable minimum percentages of germination

Kind of Seed	*Percentage of Germination*	*Kind of seed*	*Percentage of Germination*
Pea	80	Parsnip	60
Bean—field	90	Mustard	80
Bean—broad	80	Rape or cole (including fodder and oil rapes)	85
Bean—runner	70	Swede	80
Bean—dwarf (including climbing French or pole bean)	80	Turnip	80
Mangel (of clusters)	70	Kohl rabi	75
Fodder beet (of clusters)	70	Cabbage	70
Fodder sugar beet (of clusters)	70	Savoy	70
Half sugar mangel (of clusters)	70	Kale (including thousand head and marrow stem)	75
Sugar beet (of clusters)	70	Kale (garden and borecole)	75
Beetroot (except Cheltenham) (of clusters)	60	Hungry gap kale	75
Beetroot (Cheltenham) (of clusters)	55	Cauliflower (including winter and spring heading forms commonly known as broccoli)	65
Spinach beet (including chard)	70	Sprouting broccoli (including calabrese)	65
Carrot	60	Brussels sprout	70

Radish	75	Parsley	65
Onion	65	Cress	85
Leek	55	Chicory	70
Spinach	70	Sweet corn	75
Vegetable marrow	75	Endive	70
Cucumber	85	Wheat	90
Melon	85	Barley	90
Lettuce	75	Oats	85
Tomato	80	Rye	80
Celery	60	Maize	75
Celeriac	60		

FIFTH SCHEDULE

Injurious weeds

Dodder (*Cuscuta* spp.).
Docks and Sorrels (*Rumex* spp.).
Black grass (*Alopecurus* myosuroides Huds.).
Couch grass (*Agropyron repens* (L.) Beauv.).

SIXTH SCHEDULE

Prohibited weeds

Wild Oat (*Avena fatua* L. and *Avena ludoviciana* Durieu).

SEVENTH SCHEDULE

Weeds

Aethusa cynapium L.	Fool's parsley
Agrostemma githago L.	Corn cockle
Allium vineale L.	Wild onion
Alopecurus geniculatus L.	Floating foxtail
Amaranthus retroflexus L.	Red-root pigweed
Anagallis arvensis L.	Scarlet pimpernel
Anthemis arvensis L.	Corn chamomile
Anthemis cotula L.	Stinking mayweed
Arctium lappa L.	Great burdock
Atriplex patula L.	Common orache
Axyris amaranthoides L.	Russian pigweed
Barbarea vulgaris R. Br.	Winter cress
Brassica nigra (L.) Koch	Black mustard
Bromus mollis L.	Soft brome
Bromus sterilis L.	Barren brome
Camelina microcarpa Andrz ex DC.	Small-seeded false flax
Calystegia sepium (L.) R. Br.	Large bindweed
Capsella bursa-pastoris (L.) Medic.	Shepherd's purse
Cardaria draba (L.) Desv.	Hoary cress
Centaurea solstitialis L.	Yellow star-thistle
Cerastium vulgatum L. [Syn. *Cerastium holosteoides* Fr.]	Mouse-ear chickweed
Chenopodium album L.	Fat hen

Chrysanthemum leucanthemum L.	Ox-eye daisy
Chrysanthemum segetum L.	Corn marigold
Cirsium arvense (L.) Scop.	Creeping thistle
Cirsium vulgare (Savi) Ten	Spear thistle
Convolvulus arvensis L.	Field bindweed
Crepis capillaris (L.) Wallr.	Smooth crepis
Daucus carota L.	Wild carrot
Dracocephalum parviflorum Nutt.	Dragonhead
Echium vulgare L.	Viper's bugloss
Erodium cicutarium (L.) L'Hérit.	Common storksbill
Erysimum cheiranthoides L.	Treacle mustard
Euphorbia helioscopia L.	Sun spurge
Galeopsis tetrahit L.	Common hemp-nettle
Galium aparine L.	Cleavers
Galium mollugo L.	Hedge bedstraw
Geranium dissectum L.	Cut-leaved cranesbill
Geranium molle L.	Dove's-foot cranesbill
Geranium pusillum L.	Small-flowered cranesbill
Holcus lanatus L.	Yorkshire fog
Hypochoeris radicata L.	Cat's ear
Lapsana communis L.	Nipplewort
Leontodon hispidus L.	Rough hawkbit
Matricaria inodora L. [Syn. *Tripleurospermum maritimum* (L.) Koch subsp. *inodorum* (L.) Hyland ex Vaarama]	Scentless mayweed
Melandrium album (Mill.) Garcke [Syn. *Silene alba* (Mill.) E. H. L. Krause]	White campion
Melandrium noctiflorum (L.) Fr. [Syn. *Silene noctiflora* L.]	Night-flowering catchfly
Myosotis arvensis (L.) Hill	Common forget-me-not
Panicum capillare L.	Old witch-grass
Papaver rhoeas L.	Field poppy
Picris echioides L.	Bristly ox-tongue
Plantago lanceolata L.	Ribgrass
Plantago major L.	Broad plantain
Poa annua L.	Annual meadow grass
Polygonum aviculare L.	Knotgrass
Polygonum convolvulus L.	Black bindweed
Polygonum hydropiper L.	Water-pepper
Polygonum lapathifolium L.	Pale persicaria
Polygonum persicaria L.	Lady's thumb
Poterium muricatum Spach [Syn. *Poterium polygamum* Waldst. & Kit.]	Burnet
Prunella vulgaris L.	Self-heal
Ranunculus arvensis L.	Corn crowfoot
Ranunculus repens L.	Creeping buttercup
Raphanus raphanistrum L.	Wild radish
Scandix pecten-veneris L.	Shepherd's needle
Senecio vulgaris L.	Groundsel
Setaria viridis (L.) Beauv.	Green bristle-grass
Sherardia arvensis L.	Field madder

Silene cucubalus Wibel [Syn. *Silene vulgaris* (Moench) Garcke]	Bladder campion
Silene dichotoma Ehrh.	Forked Catchfly
Sinapis arvensis L.	Charlock
Sisymbrium officinale (L.) Scop.	Hedge mustard
Solanum nigrum L.	Black nightshade
Sonchus arvensis L.	Corn sowthistle
Sonchus asper (L.) Hill	Prickly sowthistle
Sonchus oleraceus L.	Common sowthistle
Spergula arvensis L.	Corn spurrey
Stellaria graminea L.	Lesser stitchwort
Stellaria media (L.) Vill.	Chickweed
Taraxacum officinale Weber	Dandelion
Thlaspi arvense L.	Field penny-cress
Torilis nodosa (L.) Gaertn.	Knotted hedge-parsley
Trifolium arvense L.	Hare's-foot clover
Urtica dioica L.	Common stinging nettle
Urtica urens L.	Small nettle
Veronica arvensis L.	Wall speedwell
Veronica persica Poir.	Buxbaum's speedwell
Vicia angustifolia L.	Narrow-leaved vetch
Vicia hirsuta (L.) Gray	Hairy tare
Vicia tetrasperma (L.) Schreb.	Smooth tare
Viola tricolor L.	Field pansy
Vulpia myuros (L.) C.C. Gmel.	Rat's-tail fescue

EIGHTH SCHEDULE

Limits of variation

PART I

PURITY

Percentage of Purity stated *Per cent.*	*Limit of variation* *Per cent.*
From 99 to 100 (inclusive)	1
„ 97 to 98·9 „	2
„ 94 to 96·9 „	3
„ 90 to 93·9 „	4
„ 85 to 89·9 „	5
„ 80 to 84.9 „	6
„ 65 to 79·9 „	7
„ 35 to 64·9 „	8
„ 20 to 34·9 „	7
„ 15 to 19.9 „	6
„ 10 to 14·9 „	5
„ 6 to 9·9 „	4
„ 3 to 5·9 „	3
Under 3	2

PART II
GERMINATION

Percentage of germination stated *Per cent.*	*Limit of variation* *Cucumber, melon and vegetable marrow seeds* *Per cent.*	*All other seeds* *Per cent.*
From 97 to 100 (inclusive)	6	4
„ 95 to 96 „	8	5
„ 90 to 94 „	10	6
„ 80 to 89 „	12	7
„ 70 to 79 „	14	8
„ 60 to 69 „	16	9
Under 60	18	10

PART III
HARD SEEDS

Percentage of hard seeds stated *Per cent.*	*Limit of variation* *Per cent.*
From 0 to 3 (inclusive)	4
„ 4 to 5 „	5
„ 6 to 10 „	6
„ 11 to 20 „	7
„ 21 to 30 „	8
„ 31 to 40 „	9
Over 40	10

PART IV
WEED SEEDS

Percentage of weed seeds stated *Per cent.*	*Limit of variation* *Per cent.*
0·5	1·0
0·6	1·1
0·7	1·2
0·8	1·3
From 0·9 to 1·0 (inclusive)	1·4
„ 1·1 to 1·5 „	1·6
„ 1·6 to 2·0 „	1·8
„ 2·1 to 2·5 „	2·0
„ 2·6 to 3·0 „	2·2
Over 3·0	3·0

PART V
INJURIOUS WEED SEEDS

Number of injurious weed seeds stated	*Limit of variation* *Herbage and Field Seeds* *Number*	*Cereal Seeds* *Number*
0	4	5
1	5	6
2	6	7
3	7	7
4	7	8
5	8	8
6	8	9
7	9	10
8	9	10
9	10	10
From 10 to 19 (inclusive)	12	13
Over 19	15	17

NINTH SCHEDULE

Sampling

Seeds

Sampling Procedure

1. The following paragraphs numbered 2 to 6 inclusive shall not apply where the seeds to be sampled are in sealed packets.

2. (i) In the case of the seeds referred to in sub-paragraphs (1) to (6) of paragraph 7 of this Part of this Schedule a single sample shall not be taken so as to represent a bulk of seeds greater than 10 tons; (ii) in the case of the seeds referred to in sub-paragraphs (7) to (10) of the said paragraph a single sample shall not be taken so as to represent a bulk of seeds greater than 20 tons and (iii) in the case of the seeds referred to in sub-paragraphs (11) to (18) of the said paragraph a single sample shall not be taken so as to represent a bulk of seeds greater than 2 tons.

3. Prior to sampling a bulk shall be well mixed so as to be as uniform among its parts as is practicable.

4. When the bulk is in sacks or other containers, the number of sacks or other containers to be sampled shall be in accordance with the following table:

Number of sacks or other containers in the bulk	*Number of sacks or other containers to be sampled*
1 to 5 (inclusive)	Each sack or other container.
6 to 30 (inclusive)	1 sack or other container in 3, selected at random, but in any case not less than 5.
Over 30	1 sack or other container in 5, selected at random, but in any case not less than 10.

5. The sample shall be taken in the following manner:

Seeds in full sacks or other containers

In all cases portions of seed shall be taken from the seed in the top, middle and bottom of each selected sack or other container.

Wherever practicable seed in sacks shall be sampled with a metal spear, trier or probe with a solid point which shall be of sufficient length to reach beyond the middle of the sack when inserted from the side and shall have an aperture so placed that the instrument removes portions of seed of equal volume from each part of the seed through which it travels. The instrument shall be inserted across the sack, with its aperture downwards, until the aperture reaches the centre of the sack. It shall then be rotated so as to bring the aperture uppermost and withdrawn at once at a uniform speed. Alternatively, a stick sampler with transverse partitions may be used in place of the instrument described above provided that it is inserted diagonally across the sack from the top to the bottom.

Seed in containers other than sacks shall wherever practicable be sampled with an instrument as aforesaid, which shall be used as already described.

Where it is not practicable to sample seed in sacks or other containers in the manner already described, portions may be taken by hand, care being taken to keep the fingers tightly closed about the seed so that none may escape as the hand is withdrawn. If necessary, in order to reach the lower levels, part of the contents shall be emptied into another sack or other container.

Seed loose in drawers or in a partly filled sack

The seed shall be thoroughly mixed by hand and small portions then taken from different parts.

Seed loose in bulk

Portions of seed shall be taken with a sampling instrument having transverse partitions, from at least 10 positions so that portions are taken from different depths.

Seed in a cleaning, mixing or dressing machine

Portions of seed shall be drawn during the cleaning, mixing or dressing process by moving a container through the entire cross section of the seed stream at least 10 times at regular intervals throughout the whole of the process.

6. When the individual portions taken from the bulk together exceed the amount required, they shall be put together in a clean receptacle and well mixed. Where the aggregate sample so obtained exceeds the amount required it shall be reduced by using an efficient mechanical seed divider or by employing the "halving method", that is to say by dividing the aggregate sample into two equal parts, rejecting one of such parts and, after remixing the other part, dividing it into two equal parts and rejecting one of them and so on in this manner until the amount required is attained.

Testing

7. The weight or quantity submitted for testing of any of the seeds hereinafter specified shall be at least the weight or quantity so specified in relation thereto.

Kind of seeds	*Weight or quantity*
(1) Cucumber Melon Vegetable marrow	150 seeds
(2) Tomato	¼ oz.
(3) Cauliflower (including winter and spring heading forms commonly known as broccoli) Celery Celeriac	½ oz.
(4) Rough stalked meadow grass Smooth stalked meadow grass Brown top Red top Leek Lettuce Onion	1 oz.

Kind of seeds	*Weight or quantity*
(5) Perennial ryegrass Italian ryegrass Westerwolds ryegrass Hybrid ryegrass Meadow fescue Tall fescue Red fescue (including Chewings fescue) Hard fescue Sheeps fescue Timothy Cocksfoot Crested dogstail Meadow foxtail Red clover Alsike clover White clover Suckling clover Sweet clover Trefoil Birdsfoot trefoil Lucerne Yarrow Cress Parsley Chicory Endive Carrot	2 oz.
(6) Crimson clover Flax Linseed Kidney vetch Rape or cole (including fodder and oil rapes) Swede Turnip Kohl rabi Kale (including thousand head, marrow stem, garden kale, and borecole) Hungry gap kale Cabbage Sprouting broccoli (including calabrese) Brussels sprout Mustard Savoy Radish Spinach Parsnip	4 oz.
(7) Wheat Barley Oats Rye Maize	2 lb. 4 oz.

Kind of seeds	*Weight or quantity*
Tares and vetches Sainfoin Buckweat Sunflower Pea (field and garden) Mangel Half sugar mangel Fodder beet Fodder sugar beet Sugar beet Spinach beet (including chard) Beetroot Lupin Sweet corn	8 oz.
(8) Field bean Broad bean Runner bean Dwarf bean (including climbing French or pole bean)	1 lb.
(9) Mixtures containing any one or more of the following kinds of seeds, namely, Wheat Barley Oats Rye Maize	2 lb. 4 oz.
Field peas Field beans Tares and vetches	8 oz.
(10) Any other mixture of seeds	4 oz.
(11) Common alder Grey alder Birch	½ oz.
(12) Italian alder Lawson cypress Serbian spruce Sitka spruce Lodgepole pine Redwood Wellingtonia Western red cedar Western hemlock	1 oz.
(13) Monterey cypress European larch Hybrid larch Japanese larch Norway spruce Mountain pine Scots pine Smooth leaved elm Wych elm English elm	2 oz.

Kind of seeds	*Weight or quantity*
(14) Grand fir Austrian pine Corsican pine Douglas fir	4 oz.
(15) Silver fir Noble fir Ash Monterey pine	6 oz.
(16) Sycamore	8 oz.
(17) Norway maple Beech	1 lb.
(18) Sweet or Spanish chestnut Red oak Sessile oak Pedunculate oak	300 seeds

Seeds in sealed packets

8. Where the seeds are in sealed packets the weight or quantity submitted for testing shall comprise either the contents of such number of unbroken packets as together contain the minimum weight or quantity mentioned in paragraph 7 of this Part of this Schedule in relation to the particular kind of seeds or the contents of five unbroken packets, whichever shall be the less.

TENTH SCHEDULE

Certificate of the result of a test of seeds

MINISTRY OF AGRICULTURE FOR NORTHERN IRELAND
SEEDS ACT (NORTHERN IRELAND) 1965

Station No. .....

SEEDS REGULATIONS, 1971

Control Sample No. ....

Report of the Official Seed Testing Station for Northern Ireland on a sample taken under the Act on the premises of

Date received at station .....

Name.....

Address.....

.....

Date of sampling.....

Quantity represented.....

Quantity sampled.....

Stock No. or reference.....

Merchant's description of seed

Kind .....

Country in which grown .....

Variety or Type .....

Result of official test

Purity .....%	Germination .....%
Weed seeds (including injurious weed seeds) .....%	Hard seeds .....%
No. of injurious weed seeds	Other particulars .....
Dodder	.....
Docks and Sorrels.....	.....
Black grass	.....
Couch grass	.....
No. of prohibited weed seeds	
Wild Oat	
Total.....	

Remarks:

Chief Officer.

Date.....

EXPLANATORY NOTE

(*This Note is not part of the Regulations, but is intended to indicate their general purport.*)

These Regulations, which come into force on 1st October 1971, revoke the Seeds Regulations (Northern Ireland) 1961.

The Regulations specify:

(*a*) the seeds to which the Seeds Act (Northern Ireland) 1965 applies;

(*b*) indicate the particulars which are to be delivered to the purchaser at the time of delivery of the seeds;

(*c*) limits of variation in respect of such particulars;

(*d*) the methods of sampling.

Provision is made for the Ministry of Agriculture to grant licences exempting persons, in certain circumstances, from the obligation to give particulars on a sale of seeds.

The Regulations prohibit the importation or removal into Northern Ireland or the offering or exposing for sale of cereal seeds which contain wild oats.