

MINISTRY REGULATIONS
OF
MAJOR AGRICULTURAL SEED LAW

Ministry Regulations of Major Agricultural Seed Law

(Promulgated on 6, Aug. 1969. MAF Decree
No. 378

Amended on 8, Jan. 1977. MAF Decree

Amended on 14. Apr. 1982. MAF Decree
No. 665
No. 862)

Article 1. (Seed production classes)

Seed production classes according to the Article 2, clause 5, of Major Agricultural Seed Law (here-in-after referred to as the "Seed Law"), shall be divided into three classes : Foundation seed, Registered seed, and Certified seed. Only the improved varieties which are necessary for release early may be omitted from those full classes or any classes among full classes.

Article 2. (Qualifications for vicarious execution)

- (1) Agricultural agencies with the qualification in accordance with the Article 3, Item 2, Clause 3 of the Seed Law are as follows:
 - i) National Agricultural Cooperative Federation and Agricultural Cooperative Union.

ii) Land Improvement Association.

- (2) The farmers with the qualifications in accordance with the Article 3, Item 2, Clause 3 of the Seed Law who have cultivation experience of the same crop for 3 years or more.

Article 3. (Designation of seed Farm)

- (1) According to the Article 4 of the seed Law, those who want to be designated for seed farm shall apply on the form of application of seed production to Director, Office of Seed Production and Distribution described in Form I.
- (2) Director, Office of Seed production and Distribution^{that} who received the form of application for seed production in accordance with the preceding clause shall give the recognition of seed production described in Form 2 within the total amount of seeds required, to the applicants if he recognizes the seed farm

with conditions as follows:

- i) Sunlight, wind, and soil fertility shall be optimum for plants,
- ii) Diseases, insects, drought and flood damage shall not be occurred often.
- iii) Irrigation and drainage facilities shall be fully equipped and farm management and guidance shall be easy to do.
- iv) Isolation distance regulated in the appendix I and farm condition shall be optimum for seed production.

Article 4. (Inspection and testing standards)

Field inspection and seed testing standards according to Article 5, and Article 6 of the seed law shall be as described in Appendix 1.

Article 5. (Inspection and Testing procedure)

- (1) Those who want field inspected according to Article 5 and who want seed tested according to Article 6, of the Seed Law shall apply to

the concerned organization by using the Form 3.

- (2) Head of the inspection organization who received the field inspection and seed testing application forms shall perform such within 20 days from receiving the application form.
- (3) Head of the inspection organization who performs the seed test according to the preceding clause shall give the certificate of field inspection to the applicants according to the Form 4 upon the request of the applicant.
- (4) The applicants shall be present for seed sampling and attaching the certification tag and such activities could be stopped if the applicant will not attend without sufficient reasons.

Article 6. (Cancel passing the seed test)

The head of the inspection organization shall

cancel passing the seed by the test in accordance with the regulation of Article which belongs to the items as follows:

- (1) In case of the seeds to be passed in the seed test by irregular methods.
- (2) In case of the seeds to be below the seed standards by enforcing the irregular methods after passing the seed test.
- (3) In case of being recognized that inspection officials did the seed test by irregular method and by using the critical false seed standards for passing the seed test.

Article 7. (Losing the effectiveness of inspection)

The seeds passed by the test shall be recognized as not being tested which belong to the categories as follows: (only the seeds which are re-tested according to Article 8 and proved to be passed by the result of formal objection shall be exempted)

- (1) In case of losing or modifying the certification tag, or labeling the tag dim.
- (2) In case of packaging again or unpacking of the passed seed without official inspector supervision.
- (3) In case of expiry of the effective testing period as follows:

White potato, sweet potato	60 days
Other crops	240 days

Article 8. (Re-testing)

- (1) Those who want to have re-testing of the seed when losing the effectiveness of inspection according to Article 7 shall ask the re-testing to the inspection organization by using Form 5 of re-testing application.
- (2) The re-testing for the preceding clause shall be followed by the regulation of Article 4, Article 5, Article 6 and Article 7 of this Law.

Article 9. (Application of formal objection)

- (1) Those who have formal objection for the seed test can raise an objection to the concerned testing organization.
- (2) Those who have formal objection to the test result shall submit the formal objection on the Form 6 within 10 days from the date of receiving the test results.
- (3) The inspection organization which receives the application of formal objection according to the preceding clause shall inform the decision to the applicant within 10 days from receiving the application of formal objection.
- (4) The inspector shall correct the certification tag soon, in case of need for correcting the seed test result according to the preceding clause.

Article 10. (Certification Tag)

- (1) The certification tag according to Article 6,

Item 2 of the Seed Law shall be described as according to Form 7 ^{and} the tag color for Foundation seed class shall be white, for Registered seed class shall be purple and for Certified seed class shall be blue.

(2) The inspection date and the inspector's sign among items in Form 7 shall be as described by the inspectors Designated number according to the design in Appendix 2.

(3) Varietal characteristics, inspection grade and special sign according to the design in Appendix 2 shall be attached on the package of the passed seed.

Article 11. (Removal the certification tag, etc.)

Inspectors shall remove or get rid of the certification tag from the passed seed in regulation of the Article 10 if they find some non-certifying difference in seed quality, package, and certification tag, etc.

Article 12. (Inspection fee or expense)

- (1) Inspection fee shall be exempted.
- (2) The expenses for transportation, weighing package opening, package changing, and other expenses for inspection shall be burdened by the persons who are inspected and checked.

Article 13. (Seed sale permission, etc.)

Seed sale application form according to Article 3, Item 1 of the Presidential Decree of the Seed Law (here-in-after referred to as the Presidential Decree) shall be described in Form ~~8~~⁹ and the seed sale licenses according to Article 3, Item 2 of the Presidential Decree shall be followed as Form ~~9~~¹⁰.

Article 14. (Recommendation letters, etc.)

Seed export-import application form according to Article 4, Item 1 of the Presidential Decree is followed as Form ~~10~~¹¹ and seed export-import re-

commendation letters is followed as Form #1.

Article 15. (Trial Tests)

- (1) The trial test according to Article 9, Item 2 of the Seed Law shall be administered by the Head of Office of Rural Development, Agricultural College, Agriculture Professional School, and National Agriculture Research Institute.
- (2) The trial tests shall be conducted for at least three years for both productivity test and adaptability test and the test are shall be more than two provinces.
- (3) The limited export-import quantity for trial test is the same as Appendix 4.

Article 16. (Cultivation prohibition)

The kinds of cultivation prohibition plant and isolation distance according to Article 17, Item 2 of the Presidential Decree are the same as regulation of isolation distances in the seed test and field inspection standards in Appendix I.

Supplementary Rules

(Effective date)

This regulation shall come into effect at the date of promulgation.

Appendix I.

Supplementary Rules to Pedigree Grades of Improved Seed.

A. Definitions

1. "Percentage" shall mean the weight ratio to the total amount in the purity and moisture determinations and the count ratio to the total amount in the field inspection and the germination determinations.
2. Characteristic means the many distinguishable features, traits, and details of structure, shape, form substance, color texture, etc, that make up the particular kind of crop or variety under consideration.
3. "Pure Seed" shall include all seeds of each kind and/or variety (cultivar) under consideration, exclusive of inert matter and all other seed not of the kind or variety (cultivar) being considered, as stated by the sender or found by laboratory test.

In addition to mature, undamaged seed of the kind and/or variety (cultivar) under consideration, the pure seed shall include:

- a. Undersized, shrivelled, immature and germinated seeds, provided they can be definitely identified as the species under consideration.
- b. Pieces of seeds resulting from breakage, that are more than one half their original size. However, seeds of the Leguminosae with the seedcoats entirely removed shall be regarded as inert matter.
- c. "Seeds", regardless of whether they contain a true seed (botanically, fruits and fruit-like structures), unless it is readily apparent by visual examination that no true seed is present. Included in this classification is the one-seeded fruits of Fagopyron.
- d. "Diseased seeds, except those altered by fungi to form sclerotia or smut balls, and by galls resulting from nematode infestation, which shall be regarded as inert matter.
- e. Grass and cereal florets and one-flowered spikelets with an obvious caryopsis containing endosperm.
- f. Free caryopsis of cereals removed from the glumes, lemmas and paleas.

"Other crop seed" shall include seeds of plants grown as crops. With respect to classification as crop seed or inert matter, the distinguishing characteristics set out for pure seed shall also be applicable to other crop seed.

"Other variety" shall mean seeds or plant which are not characteristic of the variety (cultivar) under consideration.

"Weed Seed" shall mean seeds, bulblets, or tubers of plants recognized as weeds by laws, official regulations, or by general usage. All seeds and seed-like structures of weed plants, including noxious weed seeds, except certain undeveloped or badly injured weed seeds as described under inert matter shall be regarded as weed seeds.

"Inert Matter" shall include seed-like structures from both crop and weed plants and other matter not seeds as follows:

a. Seed-like structures from crop plants:

- (1) Pieces of broken or damaged seeds one-half the original size or less.
- (2) Seeds or Leguminosae with the seedcoats entirely removed.

- (3) Empty glumes, lemmas and paleas and unattached sterile florets of cereals.
- b. Seed-like structures from weed plants:
 - (1) Seeds of grass weeds:
 - (i) Injured: Seeds devoid of the embryo (scutellum excluded).
 - (ii) Undeveloped: Glumes and florets devoid of the embryo and/or endosperm.
 - (2) Seeds from weed plants other than grass weeds:
 - (i) Injured: Seeds devoid of embryo.
 - (ii) Undeveloped: Seeds devoid of the embryo and/or endosperm.
 - (iii) Additional groups:
 - (a) Seeds of Cuscuta species which are fragile (frequently enlarged) or ashen gray to creamy white in colour.
 - (b) Seeds of Leguminosae and species of Brassica with the seedcoats entirely removed.

(c) Seeds of Ambrosia with the involucre and pericarp absent.

(d) Black seeds (without any brown colour) of Plantago lanceolata whether shrivelled or not.

c. Other matter:

Soil, sand, stones, chaff, stems, leaves, nematode galls, flowers, fungus bodies (such as ergot, other sclerotia and smut balls) and all other matter not seeds. Sclerotia, smut balls and galls shall be shown as such under the heading "Inert matter" on the Analysis.

3. "Off-type" shall mean seeds or plants which are variations of the variety (cultivar), and which are described by the originator of the variety as part of the variety (cultivar).

"Germination" shall mean the seed testing laboratory test evaluation for the kind of seed under consideration of the emergence and development from the seed embryo of those essential structures which are indicative of the ability to produce a normal plant under favorable condition in soil.

10. "Damaged seed" shall mean sprout damaged seed, decayed seed, insect damaged seed, heat damaged seed, frost damaged seed, and mechanically damaged seed but shall not include inert matter.
11. "Moisture" shall mean the moisture content of the seed sample or seed lot as measured by the 105° C or 130° C. over dry method, or by any acceptable type of electric moisture meter.
12. "Isolation": Distance in meters required from any contaminating source.
13. "Growing condition":

The seed field shall be acceptable as to growth and development, vigorous as a result of the use of fertilizer, reasonably free of weeds as a result of roguing and spraying, reasonably free of insects as a result of spraying, reasonably free of diseased plants as a result of roguing and spraying, and reasonably free of damage from insects, lodging, rain, hail, wind, or other.
14. "Roguing" means the removal of undesirable plants from the seed field. Roguing shall be required prior to the

field inspection and shall be done at the request of the field inspector when the seed field fails to conform to the specific field standards. Re-inspection shall be required following the roguing.

Inspection Standards for Packing Materials and Weights

Packing

1. Materials

- a. No used straw-bag
- b. Jute-bag, Cotton-bag, Paper-bag, poly propylene-bag and Plastic-bag that should be safety to leak out seeds.

2. Method

- a. Strawbag; It would be tied up with the thick straw-rope in three different places twice around vertically and once in crossing with double straw rope around binding to each vertical straw-rope.
- b. Cotton-bag, Paper-bag and Polypropylene-bag should be tied up cotton-thread, jute-thread and chemical thread and plastic bag should be enveloped safety

to leak out seeds.

- c. Cotton-bag, paper-bag, polypropylene-bag and plastic-bag could be used more than once.

B) Unit weight should be 5kg, 10kg, 15kg, 20kg, 30kg, 50kg, or 60kg.

C. Field Inspection and Seed Testing Standards.

A) PADDY RICE, UPLAND RICE.

1. Field Inspection.

a. Inspection period:

One field inspection shall be made from the milk stage to the dough stage.

b. Isolation requirements:

The rice seed field must be clearly separated by a ditch, a levee, a roadway, or a bare strip of land adequate to prevent either mechanical or genetic mixtures all around the field. The separation from other rice or from inseparable other crop must be a minimum of three (3) meters all around the rice seed field.

c. Land requirements: No specific requirement.

d. Specific Field Standards - Rice.

Grade	The Maximum Permitted					
	Other Variety	Other Crop	Prohibited Noxious Weed	Diseases		Griwing Condition
				Speci- fic	Other	
	%	%	%	%	%	
Unlimited	0.01	None	None	0.01	10.00	Uniform
Registered	0.02	None	None	0.01	15.00	Uniform
Certified	0.10	None	None	0.02	20.00	Uniform

e. Definitions:

(1) Prohibited Noxious Weeds: Barnyard grass - *Echinochloa crusgalli*-None.

(2) Specific disease: Bakanae - *Gibberella fujikuroj*;
White Tip - *Aphelenchoides besseyi* Christic.

Other diseases: Rice blast-*Pyricularia oryzae*.

Brown Leaf Spot or Helminthosporium Leaf Spot - *Ophiocolus miyabeanus*, (*Helminthosporium oryzae*); Bacterial Leaf

Blight - *Xanthomonas oryzae*; Leaf and Sheath Blight -

Pellicularia sasakii

Rice Strips Virus

Rice Dwarf Virus

2. Seed Inspection.

a. Specific Seed Standards - Rice.

Item Grade	The Minimum Standard			
	Charact- eristic	pure / Seed	Germina- tion	Moisure
		%	%	%
Foundation	Standard	95.00	85.00	14.00
Registered	Standard	94.00	85.00	14.00
Certifid	Standard	93.00	85.00	14.00

b. Definitions:

(1) Prohibited Noxious Weed : The same as described in the specific field standards.

(2) Restricted Noxious Weeds;

Toothcup-Rofala india

Fickerel weed - Monochoria vaginalis

Arrowhead - Sagittaria pygmaea & aginashi

Slender spikerush - Eleocharis acicularis

Spikerush - Eleocharis kuroguwai

Pondweed - Potamogeton disjunctus

(3) Specific diseases: The same diseases as specific field standards.

The Maximum permitted							
Other Variety	Other Crop	Weed Seed		Inert Matter	Damaged Seed	Diseases	
		Prohibited	Restricted noxious			Specific	Other
%	%		%	%	%	%	%
0.02	0.02	None	0.03	5.00	3.00	2.00	5.00
0.05	0.05	None	0.05	6.00	3.00	5.00	10.00
0.10	0.10	None	0.10	7.00	5.00	5.00	10.00

(4) Other diseases: The same diseases as specific field standards except sheath blight, Bacterial leaf blight, rice strips virus, and rice dwarf virus.

B) Barley

1. Field Inspection

- a. Inspection period: One field inspection shall be made from milk stage to dough stage.
- b. Isolation requirements: The same as for rice.
- c. Land requirements: The field shall not be planted other barley or wheat in the previous year.
- d. Specific Field Standards - Barley

Item Grade	The Maximum Permitted						Growing Condi- tion
	Other Vari- ety	Other Crop	Weed Seed		Diseases		
			Prohibi- ted Noxious	Rest- ricted Noxi- ous	Speci- fic	Other	
%	%			%	%		
Foundation	0.03	0.01	-	-	0.10	10.00	Uniform
Registered	0.05	0.01	-	-	0.10	15.00	Uniform
Certified	0.10	0.05	-	-	0.40	20.00	Uniform

g. Definitions:

- (1) Specific diseases: Loos smut - *Ustilago nuda*;
Covered smut - *Ustilago hordei*
Barley stripe - *Helminthosporium gramineum*;
- (2) Other diseases: Powdery mildew - *Erysiphe graminis*
Stem rust - *Puccinia graminis hordei*
Leaf rust - *Puccinia hordei*
Scab - *Gibberella zeae*
Virus disease - Green mosaic virus.

2. Seed Inspection.

a. Specific Seed Standards - Barley.

Item Grade	The Minimum Standard		The Maximum Permitted											
	Characteristic	Pure Seed	Germination	Moisture	Other Variety	Other Crop	Weed Seed			Inert Matter	Damaged Seed	Diseases		
							Total	Prohibited Noxious	Restricted Noxious			Specific	Other	
		%	%	%	%	%	%	%	%	%	%	%	%	%
Foundation	Standard	95.00	85.00	14.00	0.05	0.06	0.05	None	0.03	5.00	3.00	None	5.00	
Registered	Standard	94.00	85.00	14.00	0.10	0.12	0.10	None	0.05	6.00	3.00	2.00	10.00	
Certified	Standard	93.00	85.00	14.00	0.20	0.20	0.20	None	0.10	7.00	5.00	4.00	10.00	

b. Definitions:

- (1) Restricted Noxious Weeds: Water foxtail - *Alopecurus aequalis* var. *amuvensis*
Shepherds purse - *Capsella bursa pastoris*
- (2) Specific diseases: The same diseases as for specific field standards.
- (3) Other diseases: Scab - *Gibberella zeae*

C) Wheat

1. Field Inspection.

a. Inspection period: One field inspection shall be made from milk to dough stage.

b. Isolation requirements: The same as for rice.

c. Land requirements: The field shall not be planted barley in the previous year.

d. Specific Field Standards - Wheat.

Item Grade	The Maximum Permitted						Growing Condition
	Other Variety	Other Crop	Weed		Diseases		
			Prohibi- ted Noxious	Rest- ricted Noxi- ous	Speci- fic	Other	
	%	%			%	%	
Foundation	0.03	0.01	-	-	0.01	10.00	Uniform
Registered	0.05	0.01	-	-	0.01	15.00	Uniform
Certified	0.10	0.05	-	-	0.02	20.00	Uniform

g. Definitions:

(1) Specific Diseases: Loose smut-*Ustilago tritici*.

Covered smut-*Ustilago caries*.

- (2) Other diseases: Green mosaic virus - Virus
Powdery Mildew-Erysiphe
graminis tritici
Scab-Gibberella zeae;
Fusarium
graminearum
Stem rust-Puccinia graminis
tritici
Leaf rust-Puccinia recondita
Septoria leaf blotch-Septoria
tritici

2. Seed Inspection.

a. Specific Seed Standards-wheat.

Item Grade	The Minimum Standard			The Maximum Permitted									
	Charact- eristic	Pure Seed	Germin- ation Percen- tage	Mois- ture	Other Vari- ety	Other Crop	Weed Seed			Inert Matter	Dama- ged Seed	Diseases	
							Total	Prohi- bited	Rest- ricted			Spec- ific	Other
		%	%	%	%	%	%		%	%	%	%	%
Foundation	Standard	95.00	85.00	12.00	0.05	0.03	0.05	None	0.03	5.00	3.00	None	5.00
Registered	Standard	94.00	85.00	12.00	0.10	0.06	0.10	None	0.05	6.00	3.00	0.10	10.00
Certified	Standard	93.00	85.00	12.00	0.20	0.10	0.20	None	0.10	7.00	5.00	0.20	10.00

b. Definitions:

- (1) Restricted Noxious Weeds: The same as for barley
- (2) Specific diseases: The same diseases as for specific field standards.
- (3) Other diseases: Scab-Gibberella zeae.

D) Soybean.

1. Field Inspection.

a. Inspection period:

One field inspections shall be made during the flowering stage.

b. Isolation requirements: The same as for rice.

c. Land requirements: No specific requirement.

d. Specific Field Standards - Soybeans.

Item	The Maximum Permitted					Growing Condition
	Other Variety	Other Crop	Prohibited Noxious Weed	Diseases		
				Specific	Other	
	%			%	%	
Foundation	0.01	None	None	3.00	5.00	Uniform
Registered	0.02	None	None	5.00	10.00	Uniform
Certified	0.10	None	None	10.00	10.00	Uniform

g. Definitions:

(1) Prohibited Noxious Weed: Dodder - *Cuscuta* species.

(2) Specific diseases: Purple seed stain-*Cercospora Kikuchii*

(3) Other diseases: Soybean Mosaic Virus
Bacteria blight-*Pseudomonas glycinea*
var. *japonica*

Bacterial pustule-*Xanthomonas phaseoli*
var. *Sojense*

Anthracnose-*Glomerella glycines*

Downy mildew-*Peronospora manshurica*

2. Seed Inspection.

a. Specific Seed Standards - Soybeans.

Item Grade	The Minimum Standard			The Maximum Permitted									
	Charact- eristic	Pure Seed	Germi- nation	Mois- ture	Other Vari- ety	Other Crop	Weed Seed			Inert Matter	Damaged Seed	Diseases	
							Total	Prohi- bited Noxi- ous	Rest- icted Noxi- ous			Speci- fic	Oth- er
		%	%	%	%	%	%	%	%	%	%	%	%
Foundation	Standard	95.00	85.00	13.00	0.10	None	None	None	None	5.00	3.00	3.00	5.00
Registered	Standard	94.00	85.00	13.00	0.20	None	None	None	None	6.00	3.00	5.00	10.00
Certified	Standard	93.00	85.00	13.00	0.50	0.10	None	None	None	7.00	5.00	15.00	10.00

b. Definitions:

- (1) Prohibited Noxious weed: The same as described in the specific field standards.
- (2) Specific diseases: The same disease as for specific field standards.
- (3) Other diseases: The same diseases as for specific field standards, except downing mildew.

E) Corn

1. Definition of Terms:

a. Hybrid seed corn shall mean corn seed with is to be planted for any use except seed production. It shall be one of the following:

- (1) Single cross hybrid - the first generation cross between two inbred lines of corn.
- (2) Double cross hybrid - the first generation cross between two single crosses.
- (3) Three-way cross-the first generation cross between an inbred line and a single cross.
- (4) Top cross hybrid - the first generation cross between an inbred line of corn and an open-pollinated variety, or between a single cross and an open-pollinated variety of corn.

b. Inbred line:

The inbred line shall be a relatively true breeding strain of corn resulting from at least five (5) successive generation of controlled self fertilization with selections for trueness to type.

c. Male Sterile for Parent:

A male sterile ear parent may be used to produce hybrid seed corn for certification by one of two methods.

- (1) A male sterile ear parent of the same pedigree as a normal fertile ear parent may be used. Seed of male sterile ear parent plants shall be blended carefully with seed of the normal fertile ear parent to assure an ample supply of pollen producing plants in the commercial crop. A maximum of 60 percent male sterile seed shall be blended with 40 percent of normal seed to assure the needed pollen supply.
- (2) The second method shall provide that the male parent plants are of a pollen restorer line or lines. The pollen from such male restorer lines shall provide ample pollen producing characteristic in the hybrid seed of the seed ear (female) parent.

d. Male Sterile Lines:

- (1) A male sterile line may be substituted for its

fertile counter part as one parent of a foundation single cross, provided.

(a) The male sterile line has been back crossed for not less than five generations to its female counterpart, and

(b) The male sterile line is the same in other characteristic as its female counterpart.

(2) Male sterile lines propagated by hand pollination shall be eligible for certification.

e. Fertility Restoring Lines:

A fertility restoring line may be substituted for its nonrestoring counterpart in a foundation single cross provided the fertility restoring line is the same in other characteristics as its non-restoring counterpart.

f. Recovered Fertility Restoring Inbred Line:

A recovered fertility restering inbred line shall be eligible for certification when back crossed to its recurrent parent for not less than five generations, and shall be selected for fertility restoration relative to a specific cytoplasmic sterile

source. The originator shall provide proof of fertility restoring ability to be acceptable for certification.

(A) Hybrid Seed Corn.

1. Field Inspections.

a. Inspection period.

(1) At least four (4) field inspections shall be made.

(a) The first field inspection shall be made one week before the tassels appear on either parent.

(b) The second field inspection shall be made at the time of early tasseling of male parent.

(c) The third field ~~inspection~~ inspection shall be made at the time of early tasseling of female parent.

(d) The fourth field inspection shall be made one week before harvest time to inspect the seed ears.

If necessary, the second field inspection and the third field inspection shall be cancelled.

b. Isolation requirements:

(1) Inbred line seed field except for hand pollinated plots and foundation single cross seed field and commercial single cross seed fields and commercial single cross seed fields shall be isolated by the following distances:

(a) 400 meters from any other corn.

(b) 200 meters from and other corn if there are adequate natural or artificial barriers.

(2) The commercial double cross hybrid seed corn field shall be isolated by a distance of at least 200 meters from other corn of a different color or texture.

(3) The commercial hybrid seed and three-way cross corn crossing field isolation from other corn of like color or texture shall be at least 200 meters except that the isolation distance may be modified downward provided border rows of the

male parent are used according to the following schedule:

(a) Isolation table:

When the number of hectares in the field is					Then at least this number of border rows shall be required:
4 or less ha.	5 to	9 to	13 to	17 or more	
and the distance from the seed parent from other corn is at least the following distances in meters:					
Meters	Methers	Meters	Meters	Meters	
200	191	181	171	166	2
176	166	156	146	141	4
151	141	131	121	116	6
126	116	106	96	91	8
101	91	80	70	65	10
75	65	55	50	50	12
50	45	35	20	20	14

(b) The border rows shall be placed on the exposed side or sides of the hybrid seed corn crossing field.

(c) The corn plants in the border rows shall produce abundant amounts of pollen to qualify in place of the isolation distance, to minimize contamination from the other crops.

c. Land requirements: No specific requirement.

d. Specific Field Standards (Inbred lines and Hybrid Seed Corn).

Item	The Maximum Permitted				Growing Condition
	Off-Type Plants	Off-pollination (Contamination)	Diseases		
			Specific	Other	
Inbred Line	%	%	-	%	Uniform
Single Cross	None	None	-	2.00	Uniform
Three-way Cross	0.20	0.50	-	5.00	Uniform
Double Cross	0.30	0.50	-	5.00	Uniform
	0.40	2.00	-	5.00	Uniform

h. Definitions:

(1) Off-pollination (Contamination): Off-pollination means that more than 0.50 percent of the female parent plants of

a single cross, double cross and a three-~~er~~
cross have shed pollen:

- (2) Other diseases: Helminthosporium blight -
Helminthosporium turcicum. Corn smut -
Ustilago maydis
Leaf spot - Cochliobolus heterostrophus.
Scab - Gibberella zaeae.

3. Seed Inspection.

a. Specific Seed Standards (Inbred Lines and Hybrid Seed Corn).

Item Grade	The Minimum Standard			The Maximum Permitted						
	Charact- eristic	Pure Seed	Germin- ation Percent- age	Mois- ture	Other Variety	Other Crop	Inert Matter	Damaged Seed	Diseases	
									Specific	Other
		%	%	%	%	%	%	%	%	%
Inbred Line	Standard	95.00	85.00	13.00	None	None	5.00	5.00	-	2.00
Single Cross	Standard	95.00	85.00	13.00	None	None	5.00	5.00	-	5.00
Three-Way Cross	Standard	95.00	85.00	13.00	None	None	5.00	5.00	-	5.00
Double Cross	Standard	95.00	85.00	13.00	None	None	5.00	5.00	-	5.00

b. Definitions:

- (1) Other diseases: The same as described in the specific field standards.

(B) Composites and Open Pollinated Corn

1. Field Inspection.

a. Inspection period:

- (1) At least two field inspections shall be made from early flowering through harvesting time.
- (2) The first field inspection shall be made at the time of early tasseling time.
- (3) The second field inspection shall be made to inspect the seed ears at early maturing time

b. Isolation requirements: Isolation distance and the use of border rows shall be the same as for hybrid seed corn.

c. Land requirements: No specific requirement.

d. Specific Field Standards - Open Pollinated Corn.

Grade \ Item	The Maximum Permitted			Growing Condition
	Other Variety	Diseases		
		Specific	Other	
		%	%	
Foundation	None	-	2.00	Uniform
Certified	None	-	5.00	Uniform

e. Definitions:

- (1) Other diseases: The same as described in the specific field standard for Hybrid Seed Corn.

2. Seed Inspection.

7 a. Specific Seed Standards Compositated and Open Pollinated Corn.

Item Grade	The Minimum Standard			The Maximum Permitted						
	Character- istic	Pure Seed	Germina- tion Percentage	Mois- ture	Other Varie- ty	Other Crop	Inert Matter	Damaged Seed	Diseases	
									Specific	Other
		%	%	%	%	%	%	%	%	%
Foundation	Standard	98.00	85.00	13.00	None	None	2.00	5.00	-	2.00
Certified	Standard	98.00	85.00	13.00	None	None	2.00	5.00	-	5.00

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b. Definitions:

- (1) Other diseases: The same as described in the seed inspection for hybrid seed corn.

F). MILLET - ITALIAN.

1. Field Inspection.

a. Inspection period: The pedigree grade seed field shall be inspected when the seed begins to show mature color..

b. Isolation requirements:

1) The isolation distance between fields of pedigree grade millet and millet of a different genus shall be at least three (3) meters.

2) Inter same genus.

(1) Foundation and registered seed field shall be isolated 400 meters from other varieties.

(2) Certified seed field shall be isolated 200 meters from other varieties..

c. Land requirements: No specific requirements.

d. Specific Field Standards - Millet.

Item	The Maximum Permitted						Growing Condition
	Other Variety	Other Crop	Weed Seed		Diseases		
			Prohibited Noxious	Restricted Noxious	Specific	Other	
	%	%	%	%	%	%	
Foundation	0.01	None	None	0.30	0.01	0.10	Uniform
Registered	0.01	None	None	0.40	0.01	0.15	Uniform
Certified	0.02	0.04	None	0.50	0.05	0.20	Uniform

e. Definitions:

(1) Prohibited Noxious Weed: Green foxtail - *Setaria viridis* Barnyard grass - *Echinochloa crusgalli*.

(2) Restricted Noxious Weed:

Red Lambsquarters - *Chenopodium album* var. *centrorubrum*

Amaranth - *Amaranthus mangostanus*.

(3) Specific disease: Downy mildew - *Sclerospora graminicola*.

(4) Other disease: Millet blast - *Piricularia*

2. Seed Inspection.

a. Specific Seed Standards - Millet.

Item	The Minimum Standard				
	Charact- eristic	Pure Seed	Germi- nation Percen- tage	Mois- ture	Other Variety
		%	%	%	%
Foundation	Standard	95.00	80.00	14.00	0.01
Registered	Standard	95.00	80.00	14.00	0.01
Certified	Standard	95.00	80.00	14.00	0.02

b. Definitions:

- (1) Prohibited Noxious weeds: The same as described for the specific field standards.
- (2) Restricted Noxious weeds: The same as described for the specific field standards.
- (3) Specific disease: The same as described for specific field standards.
- (4) Other disease: The same as described for the specific field standards.

The Maximum Permitted							
Other Crop	Weed Seed			Inert Matter	Dama- ged Seed	Diseases	
	Total	Prohi- bited Noxi- ous	Restri- cted Noxious			Spec- ific	Other
%	%	%	%	%	%	%	%
None	0.01	None	0.01	5.00	5.00	None	5.00
0.01	0.03	None	0.02	5.00	5.00	2.00	10.00
0.01	0.05	None	0.03	5.00	5.00	4.00	10.00

G) WHITE POTATO.

1. Field Inspection

a. Inspection period:

(1) Three (3) field inspections shall be made from early flowering until haulm cutting.

(a) The first field inspection shall be made at about 15 cm growth of seedling.

(b) The second inspection shall be made at the full flowering stage.

(c) The third field inspection shall be made, after falling the blossoms. If necessary, two inspections. (at the time of 15 cm growth of seedling and at the time after falling the blossoms), shall be cancelled.

b. Isolation requirements;

(1) The foundation potato seed field shall be isolated by a distance of at least 50 meters from all potatoes not entered for certification or not passing certification field standards.

(2) The registered potato seed field shall be isolated by a distance of at least 20 meters from all potatoes not entered for certification

or not passing certification field standards.

- (3) The certified grades potato seed field shall be isolated by a distance of at least 20 meters from all potatoes not entered for certification.
- (4) The pedigree grade potato seed field shall be isolated from all Cruciferae, Rosaceae, Solonaceae, peach tree, the rose of sharon and the other virus host plants, by a distance of 200 meters if there is some barrier between the potato seed field and the other virus host plants, or by a distance of 500 (Five hundred) meters if there is no barrier between the potato seed field and the other virus host plants.
- (5) For all pedigree grades, the potato seed field shall be isolated by at least five (5) meters from other pedigree grade fields of potato which are entered for certification and which are approved for certification.

c. Land requirements;

- (1) Any potato seed field which has been found to

contain Bacterial Ring Rot shall not be eligible land for the production of pedigree grades of potato seed for at least one year,

- (2) The presence of elworm or nematode in the soil of land used for pedigree potato seed production shall be cause for refusal to approve such a field for future seed potato production for certification.
- (3) Pedigree grade potato seed crop shall not be grown on land where potatoes were grown the previous two years.

f. Specific Field Standards - White Potato.

Item	The Maximum Permitted											Grow- ing Condi- tion
	Other Variety	Other Crop	Specific Diseases				Other Diseases					
			Mosaic Virus	Leaf Roll Virus	Other Virus	Total Virus	Bacter- ial Ring Rot	Rhiz- octon- ia solani	Fusa- rium Wilt	Other Dise- ases	Total Other Dise- ases	
	%	%	%	%	%	%	%	%	%	%	%	
Foundation	None	None	2.00	1.50	1.00	4.50	None	1.00	1.00	1.50	3.50	Uniform
Registered	None	None	2.50	2.00	1.00	5.50	None	1.50	1.50	1.50	4.50	Uniform
Certified	None	None	3.00	2.00	2.00	7.00	None	2.00	1.50	1.00	4.50	Uniform

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g. Definitions:

- (1) Specific diseases: Mosaic virus, Leaf roll virus, Spindle tuber virus, other virus and Bacterial ring rot. (except virus and virus S for the variety Irish Cobbler).
- (2) Other diseases: Bacterial wilt, Rhizoctonia solani, Fusarium wilt, Early blight, and other diseases.

2. Seed Inspection

a. Specific Seed Standards - White Potato.

Item	Weight per Each (grams)	The minimum permitted	The Maximum Permitted						
			Other Variety	Diseases			Freeze Damage (Soft Rot)	Mechanical Damage	Damaged by Soil Water
				Specific		Other			
				Bacterial Ring Rot	Spindle Tuber Virus	Total Other Diseases			
Foundation	30-250	None	None	None	10.0	None	2.0	10.0	
Registered	30-250	None	None	None	15.0	None	3.0	10.0	
Certified	30-250	None	None	None	20.0	None	4.0	10.0	

Item Grade	The Maximum permitted						
	Abnormal Seed	Sun Scald	Hollow Heart	Break Seed	Sprouted Tubers	Inert Matter	Inert Damage
Foundation	% 0.5	% 0.2	% 5.0	% 0.5	% None	% 0.5	% 1.0
Registered	0.8	0.3	5.0	1.0	3.0	0.5	1.5
Certified	1.0	0.5	5.0	2.0	6.0	1.0	2.0

b. Definitions:

- (1) Specific diseases: Bacterial ring rot, and Spindle Tuber virus.
- (2) Other diseases: The same as described in the specific field standard.
- (3) Break seed: Defective tuber with air cracks and growth cracks.
- (4) Freeze damage: Including wet breakdown due to freezing or frost damage.
- (5) Damaged by water: Lenticels caused by excessive water logging.
- (6) Sprouted tuber: Sprouts more than 0.50 centimeters long.
- (7) Abnormal seed shape: Culls, knobby tubers, odd-shaped tubers.
- (8) Inert matter: Soil, stems, stones.

H) SWEET POTATO.

1. Field inspection.

a. Inspection period:

(1) The sweet potato field:

One field inspections shall be made at the early root enlarging stage.

b. Isolation requirements:

The sweet potato pedigree grade seed field shall be isolated from other sweet potato plants by a distance of at least three (3) meters.

c. Land requirements:

Pedigree grade sweet potato shall not be eligible for certification when planted on land where sweet potatoes have been grown during the previous year.

d. Specific Field Standards - Sweet Potato.

Grade \ Item	The Maximum Permitted						Growing Condition
	Other Variety	Off-Type Plants	Other Crop	Diseases		Other	
				Specific			
				Black Rot	Mosaic Virus		
Foundation	None	None	None	0.10	None	0.10	Uniform
Registered	None	None	None	0.20	None	0.20	Uniform
Certified	None	None	None	0.30	0.10	0.50	Uniform

§. Definitions:

- (1) Specific diseases: Black rot-Ceratocystis fimbriata, Mosaic virus.
- (2) Other diseases: Root-Knot nematode, Wilt or stem rot.

2. Seed Inspection.

a. Specific Seed Standards - Sweet Potato.

Item \ Item	Weight Per Root (grams)	The Maximum Permitted				
		Other Variety	Diseases		Damaged Roots	Spotted Roots
			Specific	Other		
Foundation	70-400	None	None	0.1	1.0	1.0
Registered	70-400	None	0.2	0.5	3.0	3.0
Certified	70-400	None	0.5	1.0	5.0	5.0

b. Definitions:

(1) Specific disease: Black rot-*Ceratostomella fimbriata*,

(2) Other diseases: Violet root rot-*Helicobasidium mompa*
Soft rot - *Rhizopus nigricans*
Root rot nematode disease-*Pratylenchus pratensis*.

(3) Damaged roots: Mechanical damage, bruised damage, decayed, freeze damage, degeneration damage, and insect damage (wireworm, nematode).

(4) Sprouted roots: Sprouts more than 0.5 centimeters long.

I) SORGHUM.

(A) Hybrid Seed.

1. Field Inspection.

a. Inspection period.

- (1) At least two (2) field inspection shall be made flowering stage to maturity.
- (2) The first field inspection shall be made from the early flowering stage to full flowering stage.
- (3) The second field inspection shall be made after the seed has mature color.

b. Isolation requirements:

- (1) The foundation seed stocks field shall be isolated from fields of any variety (cultivar) of sorghum or from fields of the same variety which do not meet certification standards by a distance of at least 400 meters; also from plants of broomcorn and forage sorghum by a distance of at least 400 meters.
- (2) The certified grade hybrid seed production field shall be isolated from contaminating

sources by the following distances:

- (a) 200 meters from any sorghum variety of the same genetic height which is shedding pollen and from sorghum species of a different chromosome number.
- (b) 400 meters from any forage sorghum or from sorghum varieties with a different genetic height having the same chromosome number.
- (c) 300 meters from forage sorghum and broomcorn.
- (d) The isolation distance of 400 meters or less as required in paragraphs (b) and (c) above shall be permitted to be modified by the use of male parent border rows as follows:
 - (i) The isolation distance may be permitted to be modified down to a distance of 100 meters by the use of male border rows.

c. Land requirements:

No other cultivated variety of annual sorghum, including sudan grass and broomcorn, shall have been

grown the previous year or growing season, except that it was a crop of the same variety grown from the same or higher grade of seed stocks.

d. Specific Field Standards, - Hybrid Sorghum.

Item	The Maximum Permitted				Growing Condition
	Other Variety	Other Crop	Diseases		
			Specific	Other	
	%	%	%	%	
Foundation	0.01	None	None	1.00	Uniform
Certified	0.02	None	0.05	5.00	Uniform

e. Definition:

- (1) Specific disease: Head smut-Sphacelotheca reiliana.
- (2) Other diseases: Cercospora leaf spot-
Cercospora sorghi, and Helminthosporium leaf spot-
Helminthosporium Sorghi.

2. Seed Inspection.

a. Specific Seed Standards - Hybrid Sorghum Seed

Item	The Minimum Standard			The Maximum Permitted						
	Charact- eristic	Pure Seed	Germi- nation Percent- age	Mois- ture	Other Variety	Other Crop	Inert Matter	Damaged Seed	Diseases	
									Specific	Other
Grade		%	%	%	%	%	%	%	%	%
Founda- tion	Standard	95.00	80.00	14.00	0.01	None	5.00	5.00	0.01	2.00
Certi- fied	Standard	94.00	80.00	14.00	0.10	0.05	6.00	7.00	0.05	4.00

b. Definitions:

(1) Specific diseases: The same as for specific field standards.

(2) Other diseases: The same as for specific field standards.

(B) GRAIN SORGHUM - OPEN POLLINATED

1. Field Inspection.

a. Inspection period:

(1) The pedigree grade seed field shall be field inspected at least one time after the seed has mature color.

(b) Isolation requirements:

The sorghum pedigree seed field shall be isolated from fields of any other sorghum variety or from sorghum fields of the same variety which are not approved for certification, or from forage sorghum and broomcorn, by the following distance:

Foundation grade fields: 300 meters.

Registered grade fields: 300 meters.

Certified grade fields: 200 meters.

c. Land requirements:

A sorghum pedigree grade seed field shall be eligible for certification when planted on land on which the previous crop was another kind of crop, and shall not be planted on land on which the previous crop was broomcorn or forage sorghum,

except that such field may have been planted with the same variety of the same or higher grade seed and which was approved for certification.

- d. Specific Field Standards - Sorghum - Open Pollinated.

Item Grade	The Maximum Permitted				Growing Condition
	Other Variety	Other Crop	Diseases		
			Specific	Other	
	%	%	%	%	
Foundation	None	None	None	1.00	Uniform
Registered	0.01	None	0.01	3.00	Uniform
Certified	0.02	None	0.05	10.00	Uniform

- e. Definitions:

(1) Specific disease: Covered Kernel smut -
Sphacelotheca sorghi.

(2) Other disease: Gray leaf spot - Cercospora
sorghii
Helminthosporium leaf spot -
Helminthosporium turcicum

2. Seed Inspection.

a. Specific Seed Standards - Grain Sorghum - Open Pollinated.

Item	The Minimum Standard			The Maximum Permitted							
	Charact- eristic	Pure Seed	Germi- nation Percen- tage	Mois- ture	Other Variety	Other Crop	Weed Seed	Inert Matter	Dama- ged Seed	Diseases	
Grade										Spec- ific	Other
		%	%	%	%	%	%	%	%	%	%
Foundation	Standard	95.00	80.00	14.00	0.01	None	None	5.00	3.00	0.01	2.00
Registered	Standard	95.00	80.00	14.00	0.05	0.02	0.01	5.00	5.00	0.03	3.00
Certified	Standard	94.00	80.00	14.00	0.10	0.05	0.05	6.00	7.00	0.05	4.00

b. Definitions:

- (1) Specific disease : The same as for specific field standards.
- (2) Other diseases : The same as for specific field standards.

J) BUCKWHEAT.

1. Field Inspection.

a. Inspection period:

One field inspection shall be made at maturity.

b. Isolation requirements:

The buckwheat pedigree grade seed field shall be isolated from other fields of buckwheat not of the same variety and not approved for certification by a distance of at least 1000 meters (One thousand meters):

c. Land requirements:

No other cultivated buckwheat shall have been grown the previous year except a crop of the same variety grown from seed of the same or higher grade and approved for certification.

d. Specific Field Standards - Buckwheat.

Item Grade	The Maximum Permitted			Growing Condition
	Other Variety	Other Crop	Disease	
	%	%	%	
Foundation	None	None	10.0	Uniform
Registered	0.05	None	15.0	Uniform
Certified	0.10	None	20.0	Uniform

g. Definitions:

- (1) Diseases: Powdery mildew - Erysiphe polygoni, and the other diseases.

2. Seed Inspection.

a. Specific Seed Standards - Buckwheat.

Item Grade	The Minimum Standard			The Maximum Permitted						
	Charact- eristic	Pure Seed	Germi- nation Percen- tage	Mois- ture	Other Variety	Other Crop	Weed Seed	Inert Matter	Dama- ged Seed	Diseases Other Disease
		%	%	%	%	%	%	%	%	%
Founda- tion	Standard	95.00	80.00	14.00	0.01	None	0.01	5.0	3.0	2.0
Registe- red	Standard	93.00	80.0	14.0	0.05	0.02	0.02	7.0	5.0	3.0
Certi- fied	Standard	92.00	80.0	14.0	0.10	0.05	0.05	8.0	7.0	5.0

b. Definitions:

Other disease; The same as described in the specific field standards.

K) RED BEAN. (*Phaseolus angularis* Var. *radiatus*)

1. Field Inspection

a. Inspection period:

- (1) At least two field inspections shall be made from pod forming stage to near mature stage.
- (2) The first field inspection shall be made at full flowering stage.
- (3) The second field inspection shall be made about 40 days after full flowering stage.

b. Isolation requirements:

The red bean seed field shall be clearly isolated by a ditch, a levee, a roadway, or a bare strip of land all around the field by a distance of at least three (3) meters from other red beans or other inseparable crops.

c. Land requirements: No-specific requirement.

d. Specific Field Standards - Red Bean.

Item Grade	The Maximum Permitted				Growing Condition
	Other Variety	Other Crop	Diseases		
			Specific Diseases	Other Diseases	
	%	%	%	%	
Foundation	0.10	None	0.1	5.0	Uniform
Registered	0.20	None	0.2	10.0	Uniform
Certified	0.50	0.10	0.5	15.0	Uniform

e. Definitions:

(1) Specific diseases: Bacterial bean blight-Pseudomonas glycinea

Soybean mosaic virus

(2) Other diseases: Bacterial pustule - Xanthomonas phaseoli

Anthracnose - Glomerella glycinea.

L) HAIRY VETCH SEED AND CHINESE MILK VETCH (ASTRAGULUS SINICUS)

1. Field Inspection.

a. Inspection period:

One field inspection shall be made at flowering stage.

b. Isolation requirements:

(1) Hairy vetch.

(a) All cross-pollinating varieties producing foundation, registered, or certified grade seed shall be isolated by at least 125 meters from fields or any other variety of the same species or from any other variety that does not meet the varietal purity requirements for certification.

(b) For all self-pollinating varieties, the pedigree seed production field shall be isolated by at least three (3) meters from other vetch or inseparable other crop.

(2) Chinese milk vetch.

(a) All cross-pollinating varieties producing foundation Registered or certified grade seed shall be isolated by at least 400

Item Grade	The Minimum Standard			The Maximum Permitted							
	Charact- eristic	Pure Seed	Germi- nation Percen- tage	Mois- ture	Other Variety	Other Crop	Weed Seed	Inert Matter	Dama- ged Seed	Diseases	
										Speci- fic	Other
		%	%	%	%	%	%	%	%	%	%
Founda- tion	Standard	95.0	85.0	13.0	0.1	None	0.01	5.0	3.0	None	5.0
Regist- ered	Standard	94.0	85.0	13.0	0.2	None	0.02	6.0	3.0	None	10.0
Certi- fied	Standard	92.0	85.0	13.0	0.3	0.10	0.05	8.0	5.0	None	10.0

b. Definitions:

(1) Specific Disease: The same as for specific field standards.

(2) Other diseases: The same as for specific field standards.

meters from any other variety that does not meet the varietal purity requirements for certification.

(b) The same as isolation distance for Hairy vetch for all self-pollinating varieties.

c. Land requirements:

A vetch pedigree seed field shall not be eligible for certification if planted on land where vetch, other than a certified crop of the same variety, was grown during the previous three years.

d. Specific Field standards - Vetch Seed and Chinese milk vetch.

Item Grade	The Maximum Permitted				Growing Condition
	Other Variety	Other Crop	Restric- ted Noxious Weed	Other Diseases	
	%	%	%	%	
Foundation	0.10	None	0.05	5.00	Uniform
Registered	0.50	0.10	0.10	10.00	Uniform
Certified	2.00	0.25	5.00	15.00	Uniform

g. Definitions:

- (1) Restricted Noxious weed: Shepherd's purse
- *Capsella bursapastoris*.
Large crabgrass - *Digitaria sanguinalis*
- (2) Other Disease: Sclerotinia rot - *Sclerotinia trifolium* and the other diseases.

2. Seed Inspection.

a. Specific Seed Standards - Hairy vetch seed and Chinese milk vetch.

Item Grade	The Minimum Standard			The Maximum Permitted						
	Charact- eristics	Pure Seed	Germi- nation Percen- tage	Mois- ture	Other Variety	Other Crop	Weed Seed	Inert Matter	Damaged Seed	Other Disease
		%	%	%	%	%	%	%	%	%
Founda- tion	Standard	95.0	80.0	13.0	0.10	None	0.05	5.0	3.0	5.0
Regist- ered	Standard	94.0	80.0	13.0	0.25	0.10	0.10	6.0	3.0	10.0
Certi- fied	Standard	93.0	80.0	13.0	1.00	0.20	0.25	7.0	5.0	10.0

b. Definitions:

(1) Other disease; The same as for specific field standards.

Appendix 2

Designated number stamp for inspector

Domestic use



Export use

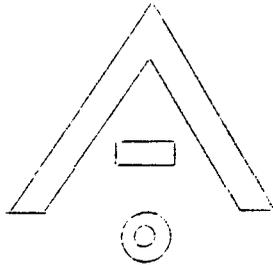


Appendix 3

(1) Information Tag

<u>Front</u>	<u>Back</u>
Seed Production class:	Heading Date:
Kind of crop;	Stem length; cm
Name of Variety;	Resistance to Disease ;
Net weight;	Adaptation area ;
Seed farm location;	Application Standard of Fertilizers;
Office of Seed Production & Distribution	N ; kg
	P ₂ O ₅ ; kg
	K ₂ O ; kg

(2) Certificate stamp for seed testing.



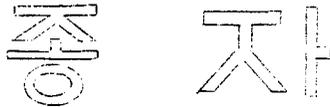
Each Length 66 mm

Length of 44 mm

Diameter
of the outer circle 55 mm

Width of Letter 6 mm

(3) Special stamp for seed.



Width 100 mm

Length 55 mm

Width of
Letter 6 mm

Appendix 4.

Maximum amount of export - import seed for research use.

Kind	Maximum amount (kg)	Remark
Paddy Rice Upland Rice	2	
Common barley naked barley Wheat	2	
Soybean, Red bean	2	
Potato (white)	10	
Potato (sweet	10 (600)	() No. of seedling
Corn	2	
Millet	1	
Sorghum	2	
Buckwheat	1	
Chinese milk vetch	2	
Vetch	2	

Form I

Application Form for Seed Production.

Applicant	Name	Identification card No.				
	Address					
Seed Production class	Kind of crops	Variety	Planting Area (ha)			Production target (kg)
			Paddy	Upland	Total	
Location of Seed Farm						
Si, Do	Si, Gun	Eup, Myon	Ri, Dong	Lot No.	Remarks	

Contract Articles

I duly perform to produce improved seed under the contract articles as follows;

1. According to the direction of concerned organizations or government institutes, I will deal with the improved seed for inspection and sales etc.
2. I will plant the seed supplied by the concerned organization or government institutes for the improved seed production.

3. I will duly produce the amount of the improved seed directed by the concerned organizations or government institutes, and not raise any objection to the decision by the concerned organization or government institutes that the organization or institutes will be give the production premium or the other benefits according to the contract, if I will not supply the amount of improved seed passed by the seed testing to the organization or institutes.

To : Director

Office of Seed Production and Distribution

Requirement papers	Tax stamp
None	None

Form 2.

Approval Form for Seed Production.

Serial No.

Seed Producer		Name		Identification card No.	
		Address			
Seed Production class		Kind of Variety		Location of Seed Farm	
				Si, Do	Si, Gun Eup, Myon Ri, Dong Lot No.
Planting Area			Responsible		Remarks
Paddy field	Upland	Total	Seed Production Amount (Kg)		

I nominate you seed producer in year as follows.

Agreements

I nominate you seed producer on conditions that you shall keep the agreement as follows.

1. You shall follow the direction of the concerned organization and the government institute for the seed production

target, inspection and seed sale etc.

2. You shall plant the seed supplied by the concerned organization or the government institutes.
3. You shall duly produce the amount of the improved seed directed by the concerned organization or government institutes, and not raise any objection to the decision by the concerned organization or government institute that the organization or institutes will not give the production premium or the other benefits according to the contract, if I will not supply the amount of improved seed passed by the seed testing to the organization or institutes.

Date / month / year

Director

Office of Seed Production and Distribution.

Form 3-1.

Application Form for Field Inspection.

				Handling
				Period
				20 days
Applicant	Name		Identification card No.	
	Address			
Kind of Crops	Seed Production class	Application area for Inspection (ha)	Requesting Date for Inspection	Seed Farm Location
Field Inspection Application items	Variety	Application area for Inspection (ha)	Seed Farm Location	

I apply for the field inspection as mentioned above according to the Article 7 item 1 of the Ministry Regulation of Major Agricultural Seed Law.

Date / month/ year

Applicant

Signature

To Director, Inspection Organization

Requirement papers	Tax stamp
None	None

Form 3-2.

Application Form for Seed Testing.

					Handling	
					Period	
					20 days	
Applicant	Name		Identification card No.			
	Address					
Kind of crops	Seed production class	Production year	Application amount for testing	Requesting Date for testing	Requesting Date for testing	Requesting place
Seed Testing Application Item	Variety	Variety	Quantity			Kind of package
			Package weight (kg)	No. of package	Total weight	

I apply for the seed testing as mentioned above according to the Article 8 item I of the Ministry Regulation of Major Agricultural Seed Law.

Date Month Year

Applicant

Signature

To Director, Inspection Organization

Requirement	Tax stamp
papers None	None

Form 4 -1.

The passing certificate for field inspection

Applicant	Name		Identification card No.	
	Address			
Kind of crops	Seed production class	Application area for inspection (ha)	Passing area for inspection (ha)	Seed Farm Location
Varietal classification	Variety	Area (ha)	Seed Farm Location	

I certify the result for field inspection as mentioned above.

Date / month / year

Director, Inspection organization

or Inspector

Signature

Form 4-2.

The passing certificate for seed testing

Applicant	Name		Identification card No.		
	Address				
Kind of crops	Seed Production class	Production year	Application for testing (kg)	Passing seed for testing (kg)	
Varietal classification	classi-	Variety	Unit package weight (kg)	No. of package	Total weight (kg)

I certify the result for seed testing as mentioned above.

Date/ month / year

Director, Inspection Organization or Inspector

Signature

Form 5.

Application form for seed re-testing.

						Handling period
						10 days
Applicant	Name		Identification card No.			
	Address					
Kind of crops	Seed Production class	Production year	Application seed for testing	First test- ing date	Request- ed date for test- ing	Request- ed test- ing place
Varietal classification	Variety	Weight			Kind of package	
		Unit package weight (kg)	No. of package	Total weight		

I apply for the seed re-testing as mentioned above according to the Article 11 of the Ministry Regulation of Major Agricultural Seed Law.

Date / Month / Year

Applicant

Signature

To Director, Inspection Organization.

Requirement papers	Tax stamp
None	None

Form 6.

Formal objection for seed testing result.

		Handling			
		period			
		20 days			
Applicant	Name	Identification card No.			
	Address				
Kind of crops	Seed production class	Production year	Quantities	Testing date	Testing place
Objection details:					

I apply for the seed re-testing by the objection of the testing result as mentioned above according to the Article 12 items of the Ministry Regulation of Major Agricultural Seed Law.

Date Month Year

Applicant

Signature

To Director, Inspection Organization.

Requirement papers	Tax stamp
None	None

Form 7.

Certification Tag

Front	Back
Seed Production class Inspection Institute Inspection Date Inspection official	Crop Variety Seed Production Area Net Weight kg Pure seed % Other Variety % Other Crop % Weed Seed % Inert Matter % Germination Percentage %
This tag proves the seed passed by test according to Article 6 of Seed Law	

Form 8.

Application form for seed sale License.

		Handling period	
		10 days	
Applicant	Name	Identification card No.	
	Address	(Name of the Corporation if any)	
Contents	Name of shop		
	Shop Location		
	Dealing crops		

I apply for seed sale permission as mentioned above according to the section 3 item 1 of the Presidentials Decree of Major Agricultural Seed Law.

Date Month Year

Applicant

Signature

To Seoul special city major
 Pusan city major
 Provincial governor

Requirement papers	Tax stamp
None	None

Form 9.

Seed sale license.

Applicant	Name	Identification card No.
	Address	(Name of the corporation if any)
Contents	Name of shop	
	Shop Location	
	Dealing crops	

I certify that this is the license for seed sale according to the section 3. Item 2 of the Presidential Decree of Major Agricultural Seed Law.

Date Month Year

Seoul special city major

Pusan city major

Provincial governor

Signature

Form 10.

Application for seed import (export)

		Handling period	
		3 days	
Applicant	Name	Identification card No.	
	Address	(Name of the corporation, if any)	
Name of seed		Scientific Name	
Quantity		Objective	
Import (export) country		Kind of package	
Transportation method		Import (export) expected date	

I apply for the recommendation of seed import as mentioned above according to the section 4, item 1 of the Presidential Decree of Major Agricultural Seed Law.

Date Month Year

Applicant

Signature

To Minister of Agriculture & Fisheries.

Requirement papers. 1. Project planning document for import I (export) 2. Import vicarious execution.	Tax stamp
	None

Form 11.

Recommendation letters for seed import.

Applicant	Name	Identification card No.
	Address (Name of the corporation, if any)	
Name of seed		
Scientific name		
Quantity		
Import (export) country		
Import (export) expect date		
Kind of package		

I recommend for the import (export) as mentioned above according to the Section 4, item 2 of the Presidential Decree of Major Agricultural Seed Law.

Date Month Year

Minister of Agriculture & Fisheries.