SEEDS AND PLANT VARIETIES (SEEDS) REGULATIONS, 1991

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SEEDS AND PLANT VARIETIES (SEEDS) REGULATIONS, 1991

[Section 3, L.N. 287/1991, L.N. 464/1991, L.N. 151/1998, L.N. 57/1999, L.N. 49/2009.]

REGULATIONS UNDER SECTION 3

1. Citation

These Regulations may be cited as the Seeds and Plant Varieties (Seeds) Regulations.

2. Interpretation

In these Regulations, unless the context otherwise requires—

"authorized officer" means a public officer appointed by the Minister under section 2 of the Act;

"basic seed" means a mixture of two or more seed lots of the same cultivar of different origin into one composite bulk;

"breeder's seed" means seed which has been produced by a person or institution responsible for the maintenance of the cultivar;

"certified seed" means progeny of basic seed or certified seed of higher classes;

"cultivar" means a subdivision of any seed species which can be distinguished from other subdivisions of that species by means of growth, plant type, flower or other physiological characteristics;

"compulsory certification" means mandatory certification for those cultivars that have been tested in National Performance Trial, officially released and indexed;

"Director" means the director of the National Seed Quality Control Service;

"dressing" means a stage of seed processing where application of chemical substances on the surfaces of seeds is done for the purposes of controlling pests or diseases:

"field inspection" means an examination of a crop seed field including checking for effective isolation distance, hectarage of the seed field, off-types, foreign cultivar and diseased plants as part of the seed certification programme;

"germinated seeds" means lots in respect of which in the course of germination tests have produced seedlings with normal growth characteristics of the shoot and root systems;

"Government certified seed" means seed in respect of which a certificate has been issued in accordance with these Regulations;

"Government tested seeds" means seed lots tested in accordance with these Regulations;

"**isolation**" means the required distance or time between two crops of the same species or between two crops of too closely related species to prevent contamination either mechanically or by pollination;

"labelling" means the process of affixing a tag or identification mark so as to ensure correct identification of any container of seed;

"licensed seed seller" means any person or institution licensed to sell Government tested and certified seeds only;

"noxious weeds" means a plant declared to be a noxious weed under section 3 of the Suppression of Noxious Weeds Act (Cap. 325);

"off-type plant" means a plant which does not exhibit the recognized and prescribed growth habits and characteristics of the cultivar being grown;

"official seed sample" means a seed sample taken in accordance with these Regulations;

"official seed tester" means an officer designated to be an official seed tester by the authorized officer:

"parental material" means the propagating material from which the breeder's seed is raised;

"post control" means the growing of plants from seed lots which have been certified to further determine and confirm cultivar purity and freedom from disease infection;

"pre-basic" means progeny of breeder's seed;

"private sample" means any sample submitted to the seed testing laboratory other than the official sample;

"pure germinating seed" means the proportion of pure seed in a seed lot capable of germinating into normal seedlings under optimal germination conditions;

"purity" means the percentage by weight of pure seeds as determined by purity analysis in the seed laboratory;

"records" means any records required to be kept under these Regulations;

"registered seed grower" means a person or institution officially recognized by the authorized officer and the seed allocation panel as suitable to grow seed crops;

"registered seed merchant" means a person or firm or institution officially recognized by the Seed Committee as suitable to produce, process or sell seed;

"sealing" means the stage in processing whereby a seed container is sealed to prevent any tampering;

"seed" means that part of the crop species which is used for propagation either as a seed in botanical sense which is developed from a fertilised ovule, or a seedling, or some other parts such as a corm, cutting, bulb, root scion, set, split, tuber or stem, which is not a seed in a botanical sense and which is used for vegetative propagation;

"seed analyst" means a suitably qualified person on the staff of an official testing station;

"seed class" means a stage in a seed multiplication system well defined in respect of parental seed standards of cultivation and seed quality;

"seed crop" means a crop that is grown for the specific purpose of producing seed;

"seed health" means the degree of freedom from seed borne diseases and pests;

"seed industry" means the entire chain linked stages that start with breeding and crop improvement through seed multiplication, processing, certification and ends with seed distribution;

"seed inspector" means a suitably qualified person on the staff of the official inspection station;

"seed lot" means a specified quantity of seed which measures to prescribed maximum weight and which is represented by one sample in laboratory seed testing or in post control plots, and is homogeneous and physically identifiable by a unique reference number;

"seed processing" means all those treatments that the seed is subjected to other than testing, between harvesting and sale;

"seed production" means all the operations leading up to and including final harvesting of the seed from the seed crop field;

"seed quality" means seed lots that have met the minimum standards and hence are of high cultivar purity, high genetic and physical purity, are free from noxious weeds, seed borne diseases and pests and have germination capacity;

"seed testing" means the examination of a sample of seed with a view to determining its quality for the purpose of producing a specific commercial crop;

"seed testing laboratory" means a laboratory for the testing of seed declared by notice in the *Gazette* to be a seed testing laboratory in accordance with the provisions of the Act;

"standard" means the level of quality achieved during field inspection or a laboratory test as defined in these Regulations;

"standard seed" means seed that is marketed after standards have been relaxed on account of emergency or disaster so that such seed is subjected only to laboratory tests and post control observation;

"storage" means a stage of seed processing in which seed is maintained in a condition such that minimum deterioration of seed lots occur;

"technical grounds" means grounds for appeal in cases of rejection in hybrid seed production where an inspector did not consider all the factors of the seed crop prior to rejecting the crop;

"test report" means a seed testing laboratory report made on a private sample and on official seed sample;

"tested seed" means a sample of an official seed lot in respect of which these are valid laboratory test certificates;

"Tribunal" means the Seeds and Plants Tribunal established under section 28 of the Act:

"weed" means any plant of type or species different from a crop species growing in or near a registered seed crop so as to constitute a threat to the registered seed crop or the seed produced from it.

3. Prescribed seeds

The seeds of the plant species set out in the First Schedule shall be the prescribed seeds for the purposes of the Act.

4. Seed testing and certification station

The National Seed Quality Control Service established under section 11 of the Act shall be the official seed testing and certification station.

[L.N. 151/1998, s. 2.]

5. Seed Regulation Committee

- (1) There shall be a committee to be known as the Seed Regulation Committee, which shall consist of— $\,$
 - (a) the Director of Agriculture, who shall be the chairman;
 - (b) the Director, Kenya Agricultural Research Institute;
 - (c) the Managing Director, Agricultural Development Corporation;
 - (d) the Managing Director, Horticultural Crop Development Authority;
 - (e) the Director, Kenya Forestry Research Institute;
 - the Director, National Seed Quality Control Service who shall be the Secretary;
 - (g) the General Manager of the Kenya Farmers' Association; and
 - (h) the Chief Executive, Kenya National Farmers' Union.
- (2) The Committee may co-opt such number of members not exceeding three to represent such interests as it may from time to time determine.
 - (3) The functions of the Committee shall be-
 - (a) to develop seed policy;
 - (b) to modify or alter certification standards;
 - (c) to make recommendations for the registration or deregistration of seed merchants:
 - (d) to moderate cases of appeal by aggrieved persons; and
 - (e) to renew and recommend appropriate seed certification fees.
- (4) The Committee shall meet at least once in a year to review seed regulations and to make recommendations as may from time to time be appropriate to the Minister.

[L.N. 151/1998, s. 2.]

6. Seed allocation panel sub-committee

- (1) There shall be a sub-committee of the Seeds Regulations Committee to be known as the Seed Growers Allocation Panel which shall consist of—
 - (a) the Provincial Director of Agriculture who shall be the chairman;
 - (b) the director of the Commodity Research Centre for the seed crops under deliberation;
 - the Director, National Seed Quality Control Service who shall be the secretary;
 - (d) the Managing Director, Agricultural Development Corporation; and
 - (e) the Managing Director, Horticultural Crops Development Authority.
- (2) The Panel may co-opt such number of members not exceeding three to represent such interests as it may from time to time determine.
- (3) The Panel shall meet at least once a year to select eligible applicants for growing seed crops for compulsory certification.

[L.N. 151/1998, s. 2.]

7. Application for consideration as a seed grower

(1) Any person, grower, institution or seed merchant wishing to be considered as a seed grower shall apply in writing to the secretary of the Seed Growers Allocation Panel.

[Subsidiary]

- (2) Each application shall be accompanied by the appropriate fee prescribed in the Fifth Schedule and shall be in respect of the growing of one crop only.
- (3) The Panel shall not approve any application in respect of land in which during the preceding season, other cultivars of the crop or closely related crops have been grown.

8. Registration of seed growers

- (1) Successful applicants under regulation 7 shall be eligible for registration as seed growers on completing Form SR 1 in the Sixth Schedule and payment of the fee prescribed in the Fifth Schedule.
- (2) Upon registration, the Director shall issue the applicant with a certificate of registration in Form SR 2 in the Sixth Schedule, and by virtue of such registration, the owner of the registered crop shall be the registered seed merchant but with respect only to the seed of the registered crop.
 - (3) The Director shall keep a record of all registered seed growers.
- (4) Every registered seed grower shall plant the appropriate parent seed for production of his registered seed class and shall keep a record of such parentage including certificates, labels and invoices as the Director may direct.
- (5) A registered crop shall not exceed the approved hectarage by more than ten per cent of the total area.
- (6) Save where the Director otherwise directs only one or two cultivars of the same species shall be permitted on any farm or field.

9. Registration of seed merchant

- (1) Every person who by way of trade or business produces, purchases, or otherwise acquires, sells, exposes, keeps, stores or advertises for sale any seeds purported to be government tested and certified shall apply to the secretary, Seed Regulation Committee for registration as a seed merchant in Form SR3.
- (2) Every application under subregulation (1) shall be in Form SR 3 in the Sixth Schedule and shall be accompanied by the appropriate fee prescribed in the Fifth Schedule.
- (3) The Seed Regulation Committee shall approve for registration, applicants who meet the following conditions—
 - seventy-five per cent of their business is either in processing, production or marketing;
 - they have adequate trained and competent personnel knowledgeable in seed related matters and conversant with Kenya's seed industry;
 - they have established an extensive and comprehensive seed distribution channel of registered agents, sub-agents and stockists;
 - (d) they have installed all equipment necessary for seed processing and storage.
- (4) Candidates whose applications are approved under paragraph (3) shall be entered into the register of seed merchants to be kept by the Director and shall be issued with a certificate of registration in Form SR 4 in the Sixth Schedule.
- (5) The certificate issued under paragraph (4) shall specify such conditions as may be necessary with respect to the production, processing or marketing of the seed.

- (6) Every registered seed merchant shall—
 - record such particulars of each seed lot Government tested and certified seed produced, purchased, sold or otherwise dealt with by him as may from time to time be prescribed;
 - (b) keep such records in safe custody for a period of three years from the date of the transaction to which the records relate;
 - produce such records to any inspector for inspection whenever required during normal working hours;
 - (d) be obliged to call an inspector to re-sample seed lots whose validity of certification has expired for further re-testing, re-labelling and re-sealing.
- (7) Any person who contravenes the provisions of paragraphs (1) and (6) shall be guilty of an offence.

[L.N. 151/1998, s. 2.]

10. Seed certification

- (1) Only cultivars officially released by the Minister and advanced breeder's lines which have potential for release shall be eligible for certification.
 - (2) Seeds shall be certified in eight classes as set out in the Third Schedule.
- (3) Any seed crop which contains noxious weeds or seed-borne diseases that are difficult to eradicate shall not be eligible for certification.
- (4) No seed shall be certified unless it has been produced, inspected, sampled, tested, and it complies with the standards set out in the Fourth Schedule.
- (5) Breeders shall maintain the standards of pre-basic and classes of the cultivars approved for certification under paragraph (1).
- (6) In cases of natural disasters such as floods, drought or outbreaks of disease, the seed classes and prescribed standards shall be waived by the Minister and the resultant seed shall be classified as standard seed.

11. Seed inspection

- (1) The seed grower or his agent shall, one month after a seed crop is planted, apply for a field inspection by completing Form SR 5 in the Sixth Schedule and payment of the fee prescribed in the Fifth Schedule.
- (2) A field inspection for the purposes of certification shall be conducted by Government seed inspectors and shall be confined to registered seed growers' fields and the fields of advanced breeder's lines which have potential for the release as cultivars.
- (3) A seed inspector shall have the power of entry into any field registered for field inspection.
- (4) A seed inspector conducting a field inspection shall not certify any crop if he is satisfied that it does not meet the standards specified in the Fourth Schedule.
- (5) The results of each field inspection shall be issued in Form SR 6 in the Sixth Schedule.
- (6) Upon completion of a field inspection, any seed crop that meets the prescribed standards shall be accorded its appropriate class.
- (7) Upon completion of the final field inspection, a final inspection report shall be filed in Form SR 6A in the Sixth Schedule.
- (8) Where a registered grower or his agent disagrees with the results of any field inspection, he may appeal within two days to the Director, for re-inspection.

[Subsidiary]

- (9) A re-inspection shall be carried out by a team comprising—
 - (i) one senior seed inspector;
 - (ii) one breeder;
 - (iii) a representative of the aggrieved seed grower; and
 - (iv) a representative of the seed merchants; and

where upon a re-inspection a field is approved, the aggrieved grower shall not pay re-inspection fee.

- (10) In hybrid seed production, no appeal shall be lodged on grounds of selfing save on technical grounds only.
- (11) Upon harvesting, the seed inspector shall supervise transportation by issuing a transport order in Form SR 7 in the Sixth Schedule after the seed containers have been clearly marked with indelible ink.

12. Seed processing

- (1) Only registered seed merchants shall process seed and the names of the registered seed merchants, their agents and stockists may be published in the *Gazette*.
- (2) Registered merchants shall be allowed to have for processing only seed from fields that have been approved, or seed permitted to be imported into Kenya in bulk.
- (3) Every seed merchant shall notify the Director before processing any seed lots; and upon such notification, the Director, or his agent shall issue a work order to the merchant in Form SR 8 in the Sixth Schedule.
- (4) The Director or his agents may enter and inspect the premises of any merchant processing seed.
- (5) During processing, the seed inspectors shall perform machine inspection and lot examination, and order reprocessing where processing is ineffective.
 - (6) Processed seed shall be properly marked and stored separately in identifiable lots.
- (7) The merchant shall pay the appropriate lot examination fees as prescribed in the Fifth Schedule.

[L.N. 151/1998, s. 2.]

13. Seed sampling

- (1) All seed delivered in lorries to seed driers shall be sampled.
- (2) All processed lots shall be sampled and the sample shall be provided free of charge for purposes of laboratory seed testing and post control planting and examination.
 - (3) All the samples shall bear a unique seed lot reference number.
- (4) Lots shall be created at the time of sampling and shall not exceed the maximum weights prescribed in these Regulations.
- (5) Where automatic samplers have not been installed, the seed merchant shall arrange the packages in such a way as to enable the seed inspector to reach all packages and draw samples.
- (6) The sampling of seed lots shall be conducted in accordance with the current International Seed Testing Association procedure.
- (7) Crops from different fields of the same origin, species and cultivar which have passed field inspection may be blended and bulked to constitute one seed lot.

- (8) The seed merchant shall provide reliable scales for ascertaining the weight of a seed lot.
- (9) The seed merchant shall pay the appropriate fees for seed sampling prescribed in the Fifth Schedule.

14. Seed testing

- (1) Seed testing for the purposes of certification shall be conducted by an official seed tester and seed analyst in accordance with section 12 of the Act.
- (2) The samples to be tested in the seed laboratory shall be official samples drawn by a seed inspector and submitted to an official seed tester together with Form SR 9 in the Sixth Schedule, or private samples submitted by farmers or private individuals to the seed testing laboratory.
 - (3) The official seed tester shall—
 - test seeds in accordance with the International Seed Testing Association procedure for seed testing upon payment of the appropriate fee prescribed in the Fifth Schedule by the merchant or private individual submitting the seed for testing;
 - (b) record the results of the seed test on a certificate in Form SR 10A in the Sixth Schedule in the case of official samples or Form SR 10B in the Schedule in the case of private samples;
 - (c) state whether the tested seeds have met the minimum standards of germination capacity, purity and health as set out in the Fourth Schedule and whether they are marketable;
 - (d) furnish the results of the seed testing to the seed merchant in a test certificate or to the private individual as a test report;
 - (e) furnish a special report where the lot has been tested for unique seed health; and
 - (f) store the sample under optimal storage conditions for at least twelve months from the date the test results certificate is issued.

15. Packing, labelling and sealing

- (1) Seed lots shall not be labelled or sealed before the official seed tester has released a test result certificate, save in cases of early movement of seed.
 - (2) In case of early movement of seed, the seed merchant shall—
 - (a) prove that the seed lots passed all other tests;
 - (b) provide the purchaser with a written statement indicating that the seed lots is being marketed prior to the release of official seed testing results;
 - (c) upon receipt of an order to stop sale in Form SR 11 in the Sixth Schedule, withdraw all seed lots that have not reached the prescribed minimum standards of germination capacity.
- (3) Certified seed lots which have met the prescribed minimum standards shall be packed in bags or containers, securely closed, sealed by a seed inspector and labelled with a certification label whose serial number shall be entered into the work order used in processing the seed.
 - (4) The certificate label referred to in paragraph (3) shall specify the-
 - (a) seed class;
 - (b) species and cultivar of seed;
 - (c) lot number;

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- (d) date of sealing;
- (e) weight of the packet, bag or container;
- (f) warning text in cases where the seed is dressed; and
- (g) the approximate date of expiry or period of validity of declaration.
- (5) The seed merchant shall pay the appropriate fee for labelling and sealing prescribed in the Fifth Schedule.
- (6) No person, other than the ultimate user, shall remove labels, seals or open mechanically sewn or closed packets of seed.
- (7) Labelling and sealing shall not be conducted for seed packets of less than ten kilograms in weight provided—
 - (a) that the seed is drawn from sealed containers;
 - (b) packets or containers are sealed or closed;
 - (c) the phrase "Government certified" is printed on the packet or container;
 - (d) the lot number, date of sampling, cultivar name and species name is printed on the packet or container;
 - (e) warning text, in cases where the seed lot is dressed in printed on the packet or container.
- (8) Where certified seed lots are returned for re-packing, the re-packing shall be done only with the approval of the Director and under the supervision of a seed inspector.
- (9) Any merchant who sells seed whose quality has been declared under these Regulations and whose weight is less than ten kilograms shall label each package of seed being offered for sale and such label shall state the species, cultivar, seed lot number, date of sampling, weight of the package and period of validity of the declaration.
- (10) In cases of natural disasters as provided for under regulation 10(6), the merchant shall print the expression "Standard Seed" on all seed packets or containers.
- (11) Any person who contravenes the provisions of paragraphs (2), (5) and (8) of this Regulation shall be guilty of an offence.

16. Validity certification and quality declaration

- (1) Unless earlier revoked-
 - the validity of certification for cereals, pulses, oil crops and fibre crops shall be twelve months from the date of sampling; and
 - (b) the validity of certification for herbage grass, legumes, root crops, vegetables and stimulant crops shall be six months from the date of sampling.
- (2) Unless earlier revoked, the declaration of quality for all kinds of species of seed shall be valid for twelve months from the date of sampling.
- (3) It shall be the responsibility of the seed merchant or agent to call inspectors for resampling, re-testing and re-sealing of seed lots whose validity of certification has expired.
- (4) Any merchant who contravenes the provisions of this regulation shall be guilty of an offence.

17. Seed sale

(1) No seed shall be offered for sale unless it has been certified or it has had its quality declared under regulation 16.

- (2) No species of seed specified in the Second Schedule shall be offered for sale unless it has been certified.
- (3) The merchant shall, pursuant to the provisions of regulation 16(1), be responsible for the quality of any seed he sells of offers for sale.

18. Seed sellers

- (1) Every seed merchant shall appoint an agent, a sub-agent and stockists with knowledge, ability and appropriate facilities to maintain the quality and viability of the seed offered for sale.
- (2) The agent, sub-agent or stockists appointed under paragraph (1) shall apply to the Director for a seed seller's licence by completing Form SR 12 in the Sixth Schedule.
- (3) The Director shall, upon receipt of an application under paragraph (2), and on payment of the fee prescribed in the Fifth Schedule issue a seed seller's licence in Form SR 13 in the Sixth Schedule.
- (4) There shall be attached to the licence issued under this regulation conditions relating to the maintenance of seed to be exposed for sale, and such licence shall be valid for twelve months from the date of issue:

Provided that the Director may vary the duration of validity as he may deem necessary, and shall withdraw such licence where the attached conditions are breached.

- (5) No person shall sell seed unless he holds a valid licence issued under this regulation.
- (6) The Director or his representative may enter and inspect any premises where seed is stored for sale.
- (7) The Director shall maintain a register of all seed sellers licensed under this regulation.
- (8) A seed inspector or seed analyst shall, on annual basis, conduct sampling and retesting of all seed stored for sale by licensed sellers and shall issue an order to stop sale in respect of seed lots whose germination capacities are below the minimum prescribed standards.
- (9) Where an order to stop sale under paragraph (8) is issued, the merchant shall retrieve the affected seed lots from all agents, sub-agents and stockists and shall destroy all such seed.

19. Post control plots

- (1) Seed lots officially sampled and tested under these Regulations shall be grown in post control plots in accordance with the Organization for Economic Co-operation and Development Scheme for cultivar purity standards; and such plots shall be open to examination and assessment by all parties interested in the seed industry.
- (2) Upon completion of the examination and assessment of post control plots, the Director, an officer authorized by him or his agent shall write a report on the number of off-types, foreign cultivars, diseased plants and other diversions observed in the plots, and shall attempt to determine the sources of the diversions and possible remedies to eradicate such diversions in subsequent seasons.

20. Seed importation and exportation

- (1) No person shall import seed for sale unless-
 - (a) he is a registered seed merchant;

- (b) such seed complies with the minimum standards set out in the Fourth Schedule, and has been tested for adaptability in Kenya and found to be a variety the agro-ecological value of which may surpass, in one or more characteristics, that of existing varieties according to results obtained from official tests, and to have performed well in a manner similar agro-ecological zone:
- (c) he has submitted a notice of intention to import such seed in Form SR 14 in the Sixth Schedule, and has, with the approval of the authorised officer, been issued with a seed import permit in Form SR 15 in the Schedule.
- (2) The notice under subparagraph (1)(c) shall specify the quantity, the species and the cultivar of the intended import.
- (3) Any seed imported under this Regulation shall not be sold unless its quality has been examined, tested and post controlled, and the importer has given a unique seed lot number to the consignment.
- (4) The marketing of imported seed shall be subject to the provisions of regulation 16 of these Regulations.
- (5) All imported seed shall be accompanied by a phytosanitary certificate and an international orange certificate of the International Seed Testing Association, and shall meet Kenyan quarantine requirements as set out in the Plant Protection Act (Cap. 324).
- (6) The Director may regulate the certification of imported seed lots in accordance with the certification scheme in Kenya, or restrict the importation of any species and cultivar of seeds.
- (7) Where there is surplus seed the authorized officer shall, on written application addressed to him, issue an export permit.
- (8) All seed for export shall meet the minimum standards set out in the Fourth Schedule.

[L.N. 57/1999, s. 2.]

21. Appeals

- (1) Any person aggrieved by the decision of an inspector or the Director may appeal to the Seed Regulation Committee.
- (2) Any person aggrieved by a decision of the Seed Regulation Committee may appeal to the Seeds Tribunal.

22. Offences and penalties

- (1) Any person who-
 - (a) with intent to defraud, gives false information to a seed inspector or a seed analyst; or
 - (b) wilfully obstructs or interferes with or fails to comply with any lawful order given by any inspector in execution of his powers or duties under these Regulations; or
 - (c) produces or displays any certificate required to be produced or displayed under these Regulations which is false in any material particular; or
 - sells or exposes for sale any seed which does not correspond with the description in any certificate required to be produced or displayed under these Regulations; or
- (e) contravenes any of the requirements of these Regulations, shall be guilty of an offence.

[Subsidiary]

(2) Any person found guilty of any offence under these Regulations shall be liable to a fine not exceeding six thousand shillings or to imprisonment for a term not exceeding six months or to both.

23. Protection from liability in certain cases

- (1) No legal proceedings shall lie against any officer for anything done *bona fide* and without negligence, in the exercise of their powers, or the performance of their functions or duties under these Regulations.
- (2) For the purposes of this Regulation, the term "officer" includes any employee of the Kenya Government.

FIRST SCHEDULE

[Rule 3, L.N. 151/1998, s. 2.]

PRESCRIBED SEEDS

Cereals	
Barley	Hordeum vulgare L.
Finger millet	Eleusine coracana (L.) Gaertn.
Maize	Zae mays S.
Oats	Avena sativa L.
Pearl millet	Pennisetum (L.) R.Br.
Rice	Oryza sativa L.
Rye	Secale cereale L.
Sorghum	Sorghum bicolor (L.) Moench.
Triticale	Tricosecale Wittm.
Wheat	Triticum spp.
Pulses	
Beans	Phaseolus vulgaris L.
Broadbeans	Vicia faba L.
Chick peas	Cicer arietinum L.
Cluster bean	Cyamopsis tetragonoloba.
Cowpea	Vigna unguiculata (L.) Waip.
Dolichos bean	Dolichos lablab L.
Pea	Pisum sativum L.
Pigeon pea	Cajanus cajan.
Common Vetch	Vicia sativa L.
Oil Crops	
Castor bean	Ricinus communis L.
Ground nut	Arachis hypogaea L.
Jojoba	Simmondsia chinesis.
Linseed	Linum usitatissimum L.
Oil seed rape	Brassica napus L.
Safflower	Carthamus tinctorius L.
Sesame	Sesamum indicum L.
Sunflower	Helianthus annus L.
Soya beans	Glycine max (L.) Merr.

[Subsidiary]

FIRST SCHEDULE—continued

Fibre Crops	
Cotton	Gossypium spp.
Flax	Linum usitatissimum L.
Kenaf	Hibiscus cannabinus L.
Root and Tuber Crops	
Beet	Beta vulgaris L.
Irish potatoes	Solanum tuberosum.
Turnip	Brassica rapa L.
Flowers	
Pyrethrum	Chrysanthemum spp.
Several other species	Mostly Liliaceae, Umbilliferae.
Herbage Grasses	
Blue stem grass	Andropogon spp.
Buffel grass	Cenchrus ciliaris L.
Cock's foot	Dactylis glomerata.
Coloured guinea grass	Panicum coloratum.
Columbus grass	Sorghum almum.
Congo signal	Brachiaris ruziziensis.
Paspalum grass	Paspalum gayanus.
Rhodes grass	Chloris gayana.
Rye grass	Lolium spp.
Setaria	Setaria anceps.
Sudan	Sorghum sudanense.
Love grass	Eragrostis spp.
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Lawn grass	
Bermuda grass	Cynodon dactylon.
Pasture Legumes	
Butterfly pen	Clitoria ternatea.
Centro	Centrosema pubescens Benth.
Clover	Trifolium spp.
Greenleaf	Desmodium intortum (Miller).
Leucaena	Leucaena lencocephala.
Lucerne	Medicago sativa L.
Lupin	Lupinus spp.
Silver leaf	Desmodium uncinatum.
Siratro	Macroptilium atropurpureum.
Stylo	Stylosanthes guianensis.
Vegetables	
Amaranth	Amaranthus spp.
Artichoke	Cynara scolymus.
Asparagus	Asparagus officinalis.
, toparagus	roparagus omonians.

[Subsidiary]

FIRST SCHEDULE—continued

Beans	Phaseolus vulgaris L.
Beet	Beta vulgaris L.
Broccoli/Cauliflower	Brassica oleracea var. botrytis L.
Brussels sprouts	Brassica oleracea var. gemnifera.
Cabbage	Brassica oleracea var. capitata L.
Canteloupe/Muskmelon	Cucumis melo L.
Carrot	Daucus carota L.
Celery/Celeriac	Apium graveolens L.
Chicory	Cichorium intybus L.
Chinese cabbage	Brassica chinensis L.
Chirvil	Anthricus cerefolium.
Collards/Kale	Brassica oleracea var.
	ancephala DC.
Corriander	Coriandrum sativum.
Cucumber	Cucumis sativus L.
Dill	Arethum graveolens L.
Eggplants	Solanum melongena L.
Endive	Cichorium endivia L.
Garden cress	Lespidium sativa L.
Karella	Cucumis spp.
Kohl rabi	Brassica oleracea var.
	gongylodes.
Leek	Allium porrum L.
Lettuce	Lactuca sativa.
Okra	Hibiscus esculentus L.
Onion	Allium cepa L.
Parsley	Petroselinum crispum (Mill)
Daronin	Nym. Pastinaca sativa L.
Parsnip	Pisum sativum L. Sensulato.
Pea	
Pepper	Capsicum spp.
Pumpkin/Squash	
Courgette	Cucurbita pepo L.
Radish	Raphanus sativus L.
Rhubarb	Rheum rhaponticum L.
Rutabaga	Brassica napus var.
•	napobrassica L.
Spinach	Spinacea oleracea L.
Swiss chard	Beta vulgaris.
Tomato	Lycopersicon esculentum P. Mill.
Turnip	Brassica rapa L.
Water cress	Nasturtium officinale Ribr.
Water melon	Citrullus spp.
Tracor moiori	On and opp.

SECOND SCHEDULE [Rule 10.]

SEED UNDER COMPULSORY CERTIFICATION

Cereals Grasses Maize Setaria Rhodes grass Wheat Barley Sudan grass Sorghum Congo signal Millet Panicum spp. Oats Columbus grass Triticale Pasture legumes

Pulses Centro Beans (dry) Stylo Beans (Green podded) Desmodium Peas Clover Cow peas Lucerne Pigeon peas Siratro Oil crops Lupins Sunflower Root crops Oil-seed rape Irish potatoes

Linseed Soyabeans Sesame

THIRD SCHEDULE [Rule 9(2), s. 2.]

SEED CLASSES

Code	Classes	Seed Parents	Colour of labels
Br.	Breeder	Progeny of parental stock	White
Pb.	Pre-basic	Progeny of parental stock or certified breeders seed	White
В.	Basic	Progeny certified breeders seed or certified pre-basic seed	White
C.1	Cer. 1st gen.	Progeny certified pre-basic seed or certified basic seed	Blue
C.2	Cert. 2nd gen.	Progeny of certified basic seed or certified 1st generation	Pink
C.3	Cer. 3rd gen.	Progeny of certified 1st generation or certified 2nd generation	Pink
C.4	Cer. 4th gen.	Progeny of certified 2nd generation or certified 3rd generation	Pink
Std. seed.	Standard Seed	Only used when a serious shortage of seed (for certification) of essential crops occurs	Grey

[Subsidiary]

THIRD SCHEDULE—continued

NOTE:

- (i) Potatoes—stock seed (SS), Pre-basic, basic, CI, CII, CIII.
- (ii) Hybrid Maize—Breeders seed, Pre-basic, basic cert. I.(All cases of hybrids).

FOURTH SCHEDULE [Rule 11(4), L.N. 151/1998.]

FIELD AND LABORATORY STANDARDS

A.—Field Standards

Species	Isolatio	nal, Mete	ers (Minii	mum)		Off-ty	pes of	other	Cultiv	/ars
	BR	PB	В	CL	C2-C4	BR	BR	BI	C1	C2-C
Cereals						M	laximu			per 100 Heads)
*Maize	400	400	400	200	200	0	0	0	1	2
*Sorghum	400	400	400	200	200	0	0	0	1	2
						M	laximu			per 100 Metres
Wheat	10	10	10	4	4	1	1	1	5	6
Barley	10	10	10	4	4	1	1	1	5	6
Triticale	50	50	50	20	20	1	1	1	5	6
Oats	10	10	10	4	4	1	1	1	5	6
Finger Millet	10	10	10	4	4	1	1	1	5	6
Pulses						M	laximu	m Nur	nber _l	per 100 Plants
Beans	50	50	50	25	25	0	0	0	1	2
*Broad Beans	200	200	200	100	100	0	0	0	1	2
Soya Beans	10	10	10	4	4	0	0	0	1	2
Cowpeas	50	50	50	25	25	0	0	0	0	0
Pea	50	50	50	25	25	0	0	0	1	2
Oil Crops						M	laximu	m Nur	nber _l	per 100 Plants
†Sunflower	4,000	4,000	4,000	1,000	1,000	2m	2m	2m	5m	5m
						5f	5f	5f	10f.	10f.
Safflower	400	400	400	200	200	0	0	0	2	3
Rapeseed	400	400	400	200	200	0	0	0	2	3
Herbage Grasses						Maximum Number per 100 Square Metres				
*Rhodes grass	200	200	100	100	100	4	4	4	10	12
*Setaria grass	200	200	100	100	100	4	4	4	10	12
Congo Signal	50	50	25	25	25	4	4	4	10	12
Guinea grass	50	50	50	25	25	4	4	4	10	12
*Sudan grass	400	400	400	200	200	0	0	0	1	2
Columbus grass	400	400	400	200	200	0	0	0	1	2

FOURTH SCHEDULE—continued

Species	Isolation	al, Mete	rs (Minim	num)		Off-ty	pes of	other	Cultiv	ars
	BR	PB	В	CL	C2-C4	BR	BR	BI	C1	C2-C
Pasture Legumes										
Stylo	200	200	200	100	100	0	0	0	1	2
Desmodium	200	200	200	100	100	0	0	0	1	2
Siratro	200	200	200	100	100	0	0	0	1	2
Clover	800	800	800	400	400	0	0	0	1	2
Lucerne	800	800	400	400	400	0	0	0	1	2
Vegetables						M	laximur	n Nur	nber p	er 100 Plants
Tomato	100	100	100	50	50	0	0	0	5	6
Lettuce	100	100	100	50	50	0	0	0	2	3
Root Crops						M	laximur	n Nur	nber p	er 100 Plants
Potato	100	100	100	50	50	0	1	2	2	3

^{*} Open pollinated.

ADDITIONAL FIELD STANDARDS

- 1. The seed inspector may reject a crop should it be excessively weedy or severely lodged.
- 2. Inspection shall be done for the following diseases.

	Crop	Disease	Tolerance
(a)	Maize †	Headsmut (Sphaceiotheca reiliana (Kuhn) Clint) Loose smut (Ustilago maydis (DC) Corda	2 plants per hectare 2 plants per hectare
(b)	Wheat Oat	Bunt (Tilletia Foetida (Waiir. Liro)	1 head per 100 sq. m.
	Barley Triticale	Loose smut (Ustilago spp.)	1 head per 100 sq. m.
	†	Covered smut (Ustilago hordei (pers.) Lagerh)	1 head per 100 sq. m.
(c)	Sorghum	Bunt Mildew	1 plant per 1,000 plants 1 plant per 1,000 plants
(d)	Beans ‡	Halo blight (Pseudomonas phaseolicola) Anthracnose (Collectotricum lindemuthianum) Bean common mosaic virus Common blight (Xanthomonas phaseoli)	None during final inspection None during final inspection None during final inspection None during final inspection
(e)	Peas and Cowpeas	Leaf spots (Ascochyta spp) Pod spots (Mycosphaerella pinodes) Bacterial blight (Xanthomonas vignicola)	None during final inspection None during final inspection None during final inspection

[†] Off-types in male parents m. Off-types in female parents f.

[Subsidiary]

FOURTH SCHEDULE—continued

Crop Disease				Toler	ance					
(f) Soya	abean	Bacterial blight (Pseudomonas spp)		None during final inspection						
#		Bacterial pustule (Xanthomonas phaseoli)		None du	ıring fir	nal insp	ection			
(g) Sunfl	''				5 plants per 1,000 plants					
3		Verticillium Wilt (Verticillium dahliae)		5 plants	•	•				
		Botrytis head rot or grey mould (Botrytis cinerea		5 plants		•				
		Downey mildew (Plasmopara halstedii)	,	5 plants	per 1,0	000 pla	nts			
		Alternaria helianthi		5 plants	per 1,0	000 pla	nts			
(h) Pota	toes	Bacterial wilt or Brown rot (Pseudomonas solanacearum)		Nil durin	g any i	nspecti	ion			
		Wart disease (Synchytrium endobioticum)		Nil during any inspection						
		Golden nematode (Heterodera rostochionsis)		Nil during any inspection						
		Ring rot (Corynebacterium sepecionicum)		Nil during any inspection						
		Potato spindle viroid		Nil during any inspection						
		Mycoplasma		Plants p	er thou	sand				
			SS	РВ	В	C1	C2			
Black leg ((Erwini	a spp)	0	0	0	0	_			
Severe virus disease (leafroll, Y-group virus, severe mosaic)				4	5	10	1			
Mild mosaic visible in the field			0	5	10	13	15			
Fusarium wilt, Verticillium wilt			0	1	2	3	3			
Nematode	s (Mel	oidogyne spp. and Ditylechus	0	0	2	3	4			

3. Inspection shall be done for the following weeds:

Crop	Weed	Tolerance
Ley pastures	Important pasture weeds	
Wheat	Wild oats (Avena fatua)	Nil
Barley	Avena sterilis (Avena ludoviciana)	Nil
Oats	Thorn apple (Datura stramonium)	Nil
Triticale		

For tolerance of other weeds see 1 of this table.

KEY:

- † No roguing
- ‡ Roguing is notifiable
- § No roguing on disease

4. Hybrid seed production

(1) Maize:

Detasselling of female plants shall be inspected at least 3 times during tasselling period—

 if 1% or more of the female plants posses receptive silks and more than 1 per 100 of them are shedding pollen at any one inspection, visit or more than 2 per 100 cumulatively during 3 days of inspection (3 inspection visits) then the crop shall be rejected;

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[Subsidiary]

FOURTH SCHEDULE—continued

- (ii) the neighbouring seed crop adjacent to a rejected seed shall also be rejected if—
 - the female plants shedding pollen in the rejected field exceeds either 2 per 100 on any one inspection or 4 per 100 on a combination of 3 visits;
 - (b) the failed crop shall have more than 2 per 1,000 off-type plants in its pollen parent;
 - (c) the rejected neighbouring crop has more than 4 smutted plants per hectare;
- (iii) the neighbouring seed crop adjacent to a rejected crop shall not be rejected if isolation is in accordance with these Regulations;
- (iv) all seed fields shall have eight guard rows round the seed field.

(2) Sunflower:

When 2% (basic and above) and 5% (certified) of the female plants have pollen receptive flowers, there should not be more than the number of off-type plants stated in the schedule and also not more than 5 plants per 1,000 female pollen shedders (basic and above) or 10 plants per 1,000 female pollen shedders (certified).

B.—Processing Standards [Rule 12(5).]

Сгор	Screens* (bottom sleve) (mm)	Screenings Allowed	Grades
Hybrid maize	7.8	5	LF, LR, MR, MF, HP
Open pollinated maize	6.75	5	LF, LR, MF, MR, HP
Wheat	2.2	5	_
Barley	2.3	5	_
Oats	2.0	5	_
Triticale	2.0	5	
Potatoes	28 ·0-45 ·0	_	(5 tubers per 50 bag)
	46 ·0 - 60 ·0	_	All owed

^{*}The requirement can be varied depending on variety and general crop performance as may be agreed upon by the Seed Regulation Committee.

NOTE:

1. Maize

A seed lot shall not be allowed to contain more than 2.5% of cracked, diseased and shrivelled seeds.

- 2. Wheat, Barley, Oats and Tritical
 - (a) Maximum of 1 seed per litre will be allowed in basic seed lots and 2 seeds per litre for certified seed lots.
 - (b) Weed Seeds.—A maximum of 2 seeds per litre will be allowed in basic seed lots and 4 seeds per litre for certified lots. No seed of wild oats, thorn apple or other noxious weeds shall be allowed.
 - (c) Damaged Seeds
 - (i) In basic seed lots a maximum of 10% of naked seeds and 10% of cracked seeds in barley and oats shall be allowed, while for certified seed the maximum will be 5%.
 - (ii) In basic seed lots a maximum of 10% of all discoloured seeds, e.g. blue pointed seeds (germ end) and 10% of insect damaged seeds allowed, while for certified seed the maximum will be 5%.

[Subsidiary]

FOURTH SCHEDULE—continued

- (d) Sprouted Seeds.—In basic seed lots a maximum of 10% short sprouts and 5% long sprouts will be allowed while a maximum of 5% short sprouts and 2% long sprouts will be allowed in certified seed lots.
- (e) The combination of the factors mentioned in (c) and (d) above shall no exceed 10% for basic seed and 5% for certified seed.

3. Sunflower

- (i) Mixtures with other varieties—Maximum of 2 seed per litre allowed.
- (ii) Seeds with cracked seed coat—Maximum of 5% allowed.
- (iii) Noxious weed seed, e.g. Datura-None will be allowed.

4. Beans, Peas and Cowpeas

- (a) Mixture with other Crop Seeds.—None allowed in basic seed while a maximum of 1 seed per 1,000 of clearly distinguishable other bean seeds will be allowed for certified seed but seed of other species will not be allowed.
- (b) Weed Seeds-Free from all weed seeds.
- (c) Other Factors—
 - (i) Spotted beans and heat damaged beans—Maximum 0.5% allowed.
 - (ii) Rejects (insect-damaged beans, off-coloured seeds, beans with cracked skin, broken beans, too small seeds, etc.—Maximum 3 allowed.

5. Rape

Weed Seeds.—A maximum of one seed per litre of wild radish (Raphanu raphanistrum) shall be allowed. No seed of darnel (Lolium temulentum) thorn apple, or wild oats shall be allowed in a seed lot

6. Sorghum

- (a) Mixtures with other Crop Seeds.—A maximum of 1 seed per litre will be allowed in basic seed lots and 2 seeds per litre on certified seed lots.
- (b) Weed Seeds.—A maximum of 2 seeds per litre will be allowed in basic seed lots and 4 seeds per litre for certified seed. No seed of wild oat or thorn apple, striga and orobanche shall be allowed.

7. Potatoes

The following diseases/abnormalities will be permitted upto the stated tolerances:

Disease Abnormality	TOLERANCE (TUBERS PER 50 KG. BAG)			
	Basic	Certified		
Scab (Streptomyces spp., Spongospora subterrania) No more than 50% tuber covered)	25%	50%		
Rhizoctonia (Rhizoctonia solani)	10%	30%		
Pink rot (Phytophthora erythroseptica) Soft rot (Erwinia spp)	0%	1%		
Severe tuber moth	2%	5%		
Mis-shapen and damaged tubers	0%	5%		

FOURTH SCHEDULE—continued

C.—Laboratory Standards [Rule 14(3)(c).]

1. Quality requirements with respect to analysis figures concerning purity, germination capacity, other crop seed, weed seed and moisture content.

Species	Minimum purity % by weight	Maximum other crops seed % by number	Maximum weed seeds % by weight	Minimum germination capacity %	Maximum moisture content %
CEREALS					
Maize	99	trace	trace	90	13
Wheat	99	trace	0 ·1	85	13
Barley	99	trace	0 ·1	90	13
Sorghum	95	1	1	70	11
Millet	95	1	1	70	11
Oats	99	trace	0 ·1	85	13
Triticale	99	1	0 ·1	80	13
Rye	99	trace	0 ·1	85	13
Rice	99	1	1	70	11
PULSES					
Beans	99	trace	0 ·1	80	15
Broadbeans	99	trace	0 ·1	80	15
Chickpeas	99	0 ·1	0.5	75	15
Cluster beans	98	0 ·1	0.5	75	15
Cowpea	98	0 ·1	0.3	80	12
Dolichos bean	99	trace	0 ·1	80	15
Pea (garden)	98	0 ·1	0.3	80	12
Pigeon peas	98	0 ·1	0.3	80	12
Common vetch	98	trace	0 ·1	70	14
French beans	99	trace	0 ·1	80	15
Sugar peas	98	0.1	0.3	75	12
OIL CROPS					
Sunflower	99	trace	trace	85	10.0
Oil seed rape	99	trace	0 ·1	85	10.0
Safflower	99	trace	trace	85	10.0
Soya beans	98	trace	0 ·1	75	14.0
Groundnuts	97	trace	trace	80	14.0
Castor beans	98	trace	0 ·1	75	14.0
FIBRE CROPS					
Cotton	98	_	_	75	10.0
Flax	98	_	_	80	10.0
Kenaf	98	_	_	75	10.0

[Subsidiary]

FOURTH SCHEDULE—continued

Species	Minimum purity % by weight	Maximum other crops seed % by number	Maximum weed seeds % by weight	Minimum germination capacity %	Maximum moisture content %
ROOT AND TUBER CROPS					
Beet	97	0.3	0 ·1	75	11.0
Irish Potato	99	_	_	_	_
Turnip	98	0.5	0.3	75	10 ∙0
FLOWERS					
Pyrethrum	30	_	_	40	_
Other species					
VEGETABLES					
Amaranth	98	0 ·1	0 ·1	75	9.0
Artichoke	98	0 ·1	0 ·1	75	9.0
Asparagus	96	0.5	0 ⋅5	70	9.0
Brocolli	97	1.0	0.3	75	10 ∙0
Brussels sprout	97	1.0	0.3	75	10 ∙0
Cabbage	97	1.0	0.3	75	10 ∙0
Canteloupe/ melon					
	98	0 ·1	0 ·1	75	9.0
Carrot	95	1.0	1.0	65	9.0
Cauliflower	97	1.0	0.3	70	10 ∙0
Celeric/Celery	97	1.0	0.5	70	10 ∙0
Chicory	95	1.5	0.5	65	10 ∙0
Chinese cabbage	97	1.0	0.3	75	10 ∙0
Collard/ kale	97	1.0	0.3	75	10 ∙0
Cucumber	98	0 ·1	0.3	80	9.0
Dill	98	0.3	0.3	65	10 ∙0
Eggplant	96	0.5	0.3	65	10 ∙0
Endive	95	1.0	0.5	65	11 0
Garden cress	98	0 ·1	0.5	80	9.0
Gourdss (Several	07	0 ·1	0.5	60	0.0
species)	97		0·5 0·3	60 75	9·0
Kohl rabi	97 97	1.0		75 65	10·0 11·0
Leek	97 95	0.5	0·5		
Lettuce		0.5	0·5	75 75	8.0
Okra	98 97	0·1 0·5	0·5 0·5	75 70	11 ·0 11 ·0
Onion	97 97	1·0	0.5	70 65	10·0 10·0
Parsley	97 98	0·1	0.5	60	10.0
Parsnip Pepper	98 97	0·1 0·5	0.5	65	9.0
Pumpkin/squash/	31	0.0	0.5	US	a.0
cougette	98	0 ·1	0.3	75	9.0
Radish	97	1.0	1.0	60	8.0

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[Subsidiary]

FOURTH SCHEDULE—continued

Species	Minimum purity % by weight	Maximum other crops seed % by number	Maxim weed s % by w	eeds	Minimun germination capacity	on	Maximum moisture content %
Rhubarb	95	1.0	0.3	3	60		6.0
Rutabaga	98	0.5	0.3	3	75		10 ∙0
Spinach/Swiss chard	97	0.5	1 ⋅0)	70		11.0
Tomato	97	0.5	0.3	3	75		9.0
Turnip	98	0.5	0.3	3	75		10 ∙0
Water melon	98	0 ·1	0.3	3	75		9.0
Other vegetable seeds	95	1.0	0.5	;	50		9.0
Grasse	es	Purity		Geri	mination		PGS %
Blue stem grass Buffel grass Cock's foot Paspalum Rye grass Setaria Rhodes grass Sudan grass Congo signal Coloured guinea Columbus grass Love grass LAWN GRASS Bermuda grass		Same for grasses	-		50		20
PASTURE LEGUMES CentroStylo					55 65		
Desmodium		95			70		
Clover		98			75		
Lucerne		98 98			75 80		
Siratro Glycine					70		
2., 3		1					

[Subsidiary]

FIFTH SCHEDULE [Rule 11(1), L.N. 151/1998, s. 2, L.N. 49/2009, s. 2.]

PART A - FIELD INSPECTION FEES (KSh.)

Crop under certification	Inspection per hectare	Minimum per field	Re-inpection on appeal at owner's request			
	neclare	neia	Per hectare	Min. per field		
Inbred maize	600	2100	710	2470		
Hybrid maize	600	2100	280	2470		
Open pollinated maize	280	1290	710	2470		
Wheat (certified)	280	1290	710	2470		
Wheat (Standard)	280	1290	710	2470		
Barley (certified)	280	1290	710	2470		
Barley (standard)	280	1290	710	2470		
Oats	280	1290	710	2470		
Grasses (certified)	280	1290	710	2470		
Grasses (standard)	280	1290	710	2470		
Sorghum (certified)	280	1290	710	2470		
Sorghum (standard)	280	1290	710	2470		
Potatoes (certified)	430	1935	710	2470		
Potatoes (standard)	430	1290	710	2470		
Hybrid sunflower	430	1290	710	2470		
Open pollinated sunflower	280	1290	710	2470		
Safflower	280	1290	710	2470		
Beans (standard)	280	1290	710	2470		
Peas	280	1290	710	2470		
Rape seed	280	1290	710	2470		
Vegetable (certified)	840	1290	880	2470		
Vegetable (standard)	840	1290	880	2470		
Sudan and Columbus grass	430	1290	495	2470		
Other crops	280	1290	710	2470		

PART B - SAMPLING AND SEALING FEES IN (KSh)

[Rule 13(9).]

Crop under Certification	Sampling	Sampling	Resamplin	Resampling	
	and lot examination	and lot examination	Min. per lot	Per 100 kg.	Per 100 kg.
Inbred maize	30	30	990	15	15
Hybrid maize	30	30	990	15	15
Open Pollinated Maize	30	30	990	15	15

[Subsidiary]

FIFTH SCHEDULE—continued

Crop under Certification	Sampling and lot	Sampling and lot	Resamplin	December	
Crop under Certification	examination	examination	Min. per lot	Per 100 kg.	Resampling
Wheat (Certified)	30	30	990	15	15
Wheat (Standard)	73	73	990	15	15
Barley (Certified)	30	30	990	15	15
Barley (Standard)	73	73	990	15	15
Oats	30	30	990	15	15
Grasses (Certified)	150	150	990	15	15
Grasses (Standard)	150	150	990	15	15
Sorghum (Certified)	30	30	990	15	15
Sorghum (Standard)	73	73	990	15	15
Potatoes (Certified)	30	30	990	15	15
Potatoes (Standard)	73	73	990	15	15
Hybrid Sunflower	30	30	990	15	15
Open Pollinated Sunflower	30	30	990	15	15
Safflower	30	30	990	15	15
Beans (Certified)	30	30	990	15	15
Beans (Standard)	73	73	990	15	15
Peas	73	73	990	15	15
Vegetables (Certified)	198	198	990	15	15
Vegetables (Standard)	198	198	990	15	15
Other crops	140	140	990	15	15

PART C – LABORATORY SEED TESTING FEES (KSh.) PER SAMPLE [Rule 14(3)(a).]

Crop under certification	Purity/ Germination	Moisture Test	Seed Health	Tetrazolium test	1000 seed count	Vigour test	ISTA Certification	Retesting for purity/ germination
Inbred maize	1500	500	1000	1000	200	1000	1000	1000
Hybrid maize	1500	500	1000	1000	200	1000	1000	1000
Open pollinated maize	1500	500	1000	1000	200	1000	1000	1000
Wheat (certified)	1500	500	1000	1000	200	1000	1000	1000

[Subsidiary]

FIFTH SCHEDULE—continued

Crop under certification	Purity/ Germination	Moisture Test	Seed Health	Tetrazolium test	1000 seed count	Vigour test	ISTA Certification	Retesting for purity/ germination
Wheat (Standard)	1500	500	1000	1000	200	1000	1000	1000
Barley (certified)	1500	500	1000	1000	200	1000	1000	1000
Barley (standard)	1500	500	1000	1000	200	1000	1000	1000
Oats	1500	500	1000	1000	200	1000	1000	1000
Grasses (certified)	1500	500	1000	1000	200	1000	1000	1000
Grasses (standard)	1500	500	1000	1000	200	1000	1000	1000
Sorghum (certified)	1500	500	1000	1000	200	1000	1000	1000
Sorghum (standard)	1500	500	1000	1000	200	1000	1000	1000
Potatoes (certified)	1500	50	1000	1000	200	1000	1000	1000
Potatoes (standard)	73	73	1000	1000	200	1000	1000	1000
Hybrid sunflower	30	30	1000	1000	200	1000	1000	1000
Open pollinated sunflower	30	30	1000	1000	200	1000	1000	1000
Safflower	30	30	1000	1000	200	1000	1000	1000
Beans (certified)	30	30	1000	1000	200	1000	1000	1000
Beans (standard)	73	73	1000	1000	200	1000	1000	1000
Peas	73	73	1000	1000	200	1000	1000	1000
Vegetables (certified)	198	198	1000	1000	200	1000	1000	1000
Vegetables (standard)	198	198	1000	1000	200	1000	1000	1000
Rye grass	1500	500	1000	1000	200	1000	1000	1000
Flowers	1500	500	1000	1000	200	1000	1000	1000
Other crops	140	140	1000	1000	200	1000	1000	1000

FIFTH SCHEDULE—continued

PART D – SAMPLING AND PRE-CONTROLLING OF IMPORTED SEEDS FEES (KSh.) [Rule 20.]

Crop under Certification	Minimum fees (500 kg.)	Fee per (100 kg.)	Fee per (1,000 kg.)
Inbred maize	600	130	730
*Grasses (Certified)	600	130	730
* Grasses (Standard)	600	130	730
Sorghum (Certified)	600	130	730
Potatoes (Certified)	600	130	730
Potatoes (Standard)	600	130	730
*Hybrid Sunflower	600	75	730
*Open Pollinated Sunflower	600	130	730
*Rape Seed	600	130	730
*Safflower	600	130	730
*Beans (Certified)	600	130	730
*Beans (Standard)	600	130	730
*Peas	600	130	730
*Vegetables (Certified)	600	130	730
*Vegetables (Standard)	600	130	730
*Rye Grass	600	130	730
Other crops	600	130	730

Note – Regulatory imposed crops are marked - *

MILEAGE

All inspections to include mileage charges at KSh. 35 per km.

PART E – REGISTRATION FEES (KSh.)

[Rule 7(2), Rule 9(2), Rule 8(1), Rule 18(3).]

Item	Application fees	Annual fees
Seed merchant	75,000	10,000
2. Seed grower	500	300
3. Seed sellers		
(a) Agent	30,000	5,000
(b) Sub agent	5,000	3,000
(c) Stockist	1,000	500

[Subsidiary]

SIXTH SCHEDULE

FORM SR 1

(r. 7(1))

[L.N. 151/1998, s. 2.]

REPUBLIC OF KENYA

NATIONAL SEED QUALITY CONTROL SERVICE APPLICATION FOR REGISTRATION AS A SEED GROWER The Director, N.S.Q.C.S. To: P.O. Box 1679 NAKURU I,(full name) being the owner/lessee of hectares of L.R. No. Grower for crop. I have/have not been a seed grower in the past and I have adequate storage facilities to handle the resultant seed. *The field where I intend to grow the seed crop was previously under *Do you have adequate isolation? Yes/No *Do you have enough labour to detassel, rogue, grade, etc.? *If you are a contracted grower, have you been made aware that only seed that has met the minimum standards shall be accepted by the merchant? Yes/No *If this application is successful you will be required to furnish the details of the crop Form SR 5. I enclose a non-refundable fee of two hundred shillings (KSh. 200) in a form of cheque in payment of this registration. *Delete the inapplicable. Date Signature FOR OFFICIAL USE ONLY Application Received Decision: Approved/Rejected Reg. No. Note.—Secretary seed growers allocation panel shall notify both the unsuccessful and successful applicants. FORM SR 2 (r. 8(2)) REPUBLIC OF KENYA

NATIONAL SEED QUALITY CONTROL SERVICE

CERTIFICATE OF REGISTRATION AS SEED GROWER

Registration No. To(Name) of(Address) You are hereby registered as a Seed Grower to growhectares

				[Subsidiary]
			SIXTH SCHEDULE, FORM SR 2—continued	
of			(species) on your farm at	
			from, 20 to, 20	
	-			
Sign				
FOR	M SR 3			(r. (2))
			REPUBLIC OF KENYA	
		NA	ATIONAL SEED QUALITY CONTROL SERVICE	
	APP	PLICA	TION FOR REGISTRATION AS A SEED MERCHANT	
To:				
S P N	he Secretary, eed Regulatio .O. Box 1679, AKURU.		nmittee, be registered as a Seed Merchant under the	
		-		
	wish to deal in			
	(i) Production			
	(ii) Processir	ng		
	(iii) Marketing	g		
`	ase tick)		Do you have adequate and knowledgeable personnel who	
(1)	Merchant		are conversant with seed matters?	Yes/No
(2)	Production	(i)	Do you have adequate land and equipment to handle basic seed?	; Yes/No
		(ii)	Do you have contractual agreement with growers you have recruited?	Yes/No
		(iii)	Do you have an adequate field officer to supervise and advise growers on all operations of seed production?	Yes/No
(3)	Processing	(i)	Do you have adequate equipment and machinery to process seed?	Yes/No
		(ii)	Do you have adequate storage space?	Yes/No
		(iii)	Do you have a capacity to print and label packets/containers as required by the regulations?	Yes/No
(4)	Marketing	(i)	Do you have adequate distributive channels that covers all agriculturally important regions of the country?	Yes/No
		(ii)	Do you have an agent, sub-agent and stockist?	Yes/No
		(iii)	Does your agent, sub-agent and stockist have an agreement with you for distributing seed on your behalf?	

	Seeds and Plant Varieties	
[Subsidiary]		
	SIXTH SCHEDULE, FORM SR 3—continued	
(Please tick)		
,	Do they have a card that makes them identifiable as your agent, sub-agent or stockist?	Yes/No
(v)	Do they have adequate understanding and knowledge of seed?	Yes/No
(vi)	Do they have adequate storage facilities?	Yes/No
,	Do they understand that seed is living and should not be	. 000
· ,	mixed with dangerous chemicals, kept on moist floors, too high humidity and excessive temperatures?	Yes/No
(viii)	Do they make sales returns to you?	Yes/No
(ix)	Do they know that packets/containers should not be opened, i.e. sell seed in the whole units as packed by you?	Yes/No
The seed will be kept seed lots and where no of the seeds.	in a store where adequate provisions are available to separate the other articles will be kept which could have an adverse effect on the could have an adverse effect on the could have an adverse effect on the could have a	he various the quality
inspector(s) of the entry necessary to carry out t send a stock list of all se	icial working hours, even without previous appointment, I/we will or of the seed store(s) and thereby provide them/him/her with the inspection work as laid down in Seed Regulations. In additionated lots in our stores on 15th May and 15th November or at such upon between the Director, N.S.Q.C.S. and ourselves.	e facilities n, I/we will
I/we enclose the sum for this registration in for	of fifty-seven thousand five hundred shillings (KSh. 57,500) only in m of a cheque payable to the Director, N.S.Q.C.S.	n payment
Declarance: In signing observe the various clau	g this application, I/we also declare that I/we are conversant with uses and conditions of the Seed Regulations.	and shall
Data	Cinnakura	
Note.—Secretary seed of cheque to them.	committee shall inform the unsuccessful applicants and shall send	
FORM SR 4		(r. 9(4))
1 OKW OK 4		(1. 3(4))
	REPUBLIC OF KENYA	
NA.	ATIONAL SEED QUALITY CONTROL SERVICE	
CERTIFICATE	OF REGISTRATION AS A SEED MERCHANT/PROCESS	OR
S/No		
For the year 20		
Company		
Postal Address		
Tel. No		
Location of premises		
For the category of	(i) Agricultural crops	
Registration No	(ii) Horticultural crops	
•	s not done for two consecutive years, you shall lose your status	
Signature	Date	
•	V.S.Q.C.S.	
		

SIXTH SCHEDULE—continued

FORM SR 5 (r. 11(1))

REPUBLIC OF KENYA

	NATIO	NAL SEED QU	JALITY CON	TROL SERVICE	
To					
	The National Seed Quality	ty Control Service	e,		
	P.O. Box 1679,	,	•		
	NAKURU.				
	APPLICAT	ION FOR FIELD	INSPECTION	OF A SEED CROP	
1.	Full name of grower				
	Postal Address				
3.	Farm on which crop is bei	ng grown		L/R. No	
4.	Details of crop (Every croplanted within 5 days).	op regardless o	f size must be	e mentioned separately	y. A crop is field
	Species Val	riety	Crop	Lot No. of seed used	Hectares
5.	Seed rate per hectare				
6.	Registered seed merchan	t to whom the e	ntire seed stocl	k will be sold	
_					
7.	I enclose a cheque of the	_			
	in payment of this inspecti labels from packets/conta				Humber of
Q	The person who will be da			·	
0.	The person who will be do	ally in charge or	ilis seed clop is	······	
9	Declaration:				
0.	In signing this application,	Lalso declare t	hat I am conve	rsant with and shall ob	serve the various
	clauses and conditions of also declare that I have no for the previous three seath have no knowledge of basix years.	f the Seed Reg o knowledge of sons. In case th	ulations. In ca maize head sm is application is	se this application is f nut (Sphacelotheca reili s for seed potatoes, I a	for seed maize, I iana) on this land also declare that I
		FARM MAI	P AND LOCA	TION	

[Subsidiary]

SIXTH SCHEDULE, FORM SR 5—continued

- 1. Indicate the situation of the different crops, stores access from the nearest public road.
- 2. Number each crop as 1, 2, 3, etc. and complete the following:

Crop No.	Variety	Date planted	Approximate date of harvest	Previous cropping for the 3 seasons
1.				
2.				
3.				
4.				
5.				
6.				

6.								
Date			S	ignati	ure of App	licant		
FORM SR 6								(r. 11(5)
		DE	DUDUC O	C VC	· N I V A			((-)
			PUBLIC O					
	NATIONAL	SEE	D QUALIT	Y CC	NTROL S	SERVICE		
	F	IRST	INSPECT	ION I	RESULT			
Growers Name					and No.			
Species			Variety		Crop	No		
Class								
Does the crop have p	proper cultiva	r chara	acteristics					
Counts	Off-types	D	iseases		Other eatures	Noxiou	s	Other crops weeds
1.								
2.								
3.								
4.								
5.								
6.								
Total								
Average								
Percentage								
Identity								
The isolation distance	The isolation distance/time of							ld be corrected
General condition of	crop, e.g. dro	ught,	crop husban	dry, e	etc			

Seeds and Plant Varieties [Subsidiary] SIXTH SCHEDULE, FORM SR 6-continued Estimated yield bags/hectares. This crop is approved/ rejected. Signature _____ Date ____ Director, N.S.Q.C.S. FORM SR 6A (r. 11(7)) REPUBLIC OF KENYA NATIONAL SEED QUALITY CONTROL SERVICE FINAL FIELD INSPECTION Growers Name and No. Species Crop No. Class Hectares Factor 1st Inspection 2nd Inspection 3rd Inspection Total No. or % Off-types Diseases **Tassels** Weeds Other Crops Others (Specify) Remarks

This crop is approved/ rejected.

Date

Signature Director, N.S.Q.C.S.

[Subsidiary]

SIXTH SCHEDULE—continued

FORM SR 7 [L.N. 151/1998, s. 2.]

2.14. 10 1/ 1000, 5. 2.]

REPUBLIC OF KENYA NATIONAL SEED QUALITY CONTROL SERVICE

(r. 11(10))

		SEEDS TRA	ANSPORT	ORDER		
M/s						
Farm						
You may trans	port for process	ing			bags of yo	our seed crop
from		to		on		., 20
•						
,						
which hav	e been clearly id	dentified with				
	(state type	of identification)			
				Date	·	
	Director	r, N.S.Q.C.S.				
FORM SR 8						(r. 14(2))
		REPUB	LIC OF KE	NYA		
	NATION	NAL SEED QU	JALITY CC	NTROL SE	RVICE	
.						
J	ot has been clea				•	
	a					
			_		_	_
•				J		
			noion germin			
No. of Labels	Serial Nos. of Labels Issue	No. of unused Labels	Date of sealing	Nos. of Seals Used	Containers	Sample No.

SIXTH S	[Subsidiary] CHEDULE, FORM SR 8—continued
•	
	The Inspector
FORM SR 9	(r. 14(2))
	REPUBLIC OF KENYA
NATIONAL	SEED QUALITY CONTROL SERVICE
REQUEST	FOR TESTING OF A SEED SAMPLE
 Species	Status
(e.g. noxious w B. Test required*	veeds, seed borne diseases observed in field)
PURITY/GERMINATION Test to be paid for by Copies to: National Seed Quality P.O. Box 1679, Naku P.O. Box 249, Kitale.	ru.
	The Sampler
	Date
* To be deleted as necessary.	

[Subsidiary]

SIXTH SCHEDULE—continued

FORM SR 10A (r. 14(3)(b))

REPUBLIC OF KENYA NATIONAL SEED QUALITY CONTROL SERVICE OFFICIAL SEED TESTING STATION

SEED TESTING CERTIFICATE

				OLLI) IL	.011140	J OL	_1\\111	IOAIL			
OFFICIAL SAMPLE:								TEST NUMBER				
Date received:												
Lot Number:								W	eight of lo	ot:		
Crops spe	ecies	and var	iety:			As	stat	ed by	Seed Insp	ector		
Country o	of origi	in:										
				F	RESU	JLTS O	F Al	NALYS	SIS			
	Pu	rity					Ger	minatio	on			
seed ma	nert atter (1)	Other crop seeds (2)	Weed seeds (3)	Firs		Capad (G)		Hard	Fresh ungerm seeds	Remain- der	Pure germin -ating seeds	Moisture
		`,									PxG 100	
%	%	%	%	days	%	days	%	%	%	%	%	%
*Incl			% at	norma	l spr	outs of v	whic	h			% brok	en germs.
									NOTE:	Marketable	or not m	arketable
			(1) (2)									
			(3)									
Sp	ecial		· /									
										Official Coop		
							Official Seed Tester					
							Date Director, N.S.Q.C.S. Seed Testing					
									,	Laborate	ory	
Paid	_		Copie	s to								
Deposit			(1)									
Govt.			(2)									
Unpaid				Any ir	nquir	ies con	cern	ing this	s test mus	t quote the	Test nun	nber.

SIXTH SCHEDULE—continued

FORM SR 10B

(r. 14(3)(b))

[L.N. 151/1998, s.2.]

REPUBLIC OF KENYA

NATIONAL SEED QUALITY CONTROL SERVICE

	OFFICIAL SEED TESTING STATION											
	TEST REPORT											
PRIVA	ATE SAM	1PLE:							-	TEST NU	MBER	
	t on priver only.	ate sam	oles are	for th	e info	rmatio	on to	the				
Date i	eceived:											
	Lot	Number						Weig	ght of lot:			
Crops	species	and vari	ety:				As s	stated b	y the send	er		
Count	ry of orig	jin:										
					RESU	JLTS	OF AI	NALYSI	S			
	Pι	urity					Ger	minatio	n			
Pure seed (P)	Inert matter (1)	Other crop seeds	Weed seeds (3)		rst unt		acity 3)	Hard	Fresh ungerm seeds	Remai- nder	Pure germ- inating	Moisture
()	()	(2)	(*)								seeds PxG 100	
%	%	%	%	day s	%	day s	%	%	%	%	%	%
*Inc	:l		% ab	norma	al spr	outs o	f whic	h			% brok	en germs.
			1)									
			2)									
		(.	3)				7					
								D-4		ficial Seed		
									e Director, N	v.s.Q.c.s	S. Seed T	esting
							_			Laborat	tory	

Seeds and Plant Varieties [Subsidiary] SIXTH SCHEDULE FORM SR 10B-continued Paid Copies to Deposit (1) Govt. (2) Unpaid Any inquiries concerning this test must quote the Test number. FORM SR 11 (r. 15(2)(c)) [L.N. 151/1998, s. 2.] REPUBLIC OF KENYA NATIONAL SEED QUALITY CONTROL SERVICE STOP-SALE ORDER Date Merchant Address The following lots of seeds are found to be in violation of Seed Regulations: Species No. of Kind of Variety Lot No. Quantity Sampled violation containers Yes No By this notice you are ordered to hold/these lot/lots of seed intact at: until compliance with the Law has been achieved and the seed has been released from this order. As soon as steps have been taken to remove the violation, please advise: Director, National Seed Quality Control Service, P.O. Box 1679, Nakuru Tel. Other instructions Signed Inspector

[Issue 1] 80

Date

SIXTH SCHEDULE—continued

FORM SR 12 (r. 18(1)(a))

REPUBLIC OF KENYA

NATIONAL SEED QUAI	LITY CONTRO	DL SERVICE
APPLICATION FOR A S	SEED SELLEF	R'S LICENCE
The National Seed Quality Control Service, P.O. Box 1679, NAKURU. Applicant Address I hereby apply for seed seller's licence as an age Name and address of premises	nt/stockist.	
Sub-location Location District Species to be sold		
Storage facilities		
Date	Signature	
FOR OFFIC	IAL USE ONLY	
Application received on	Approved	
	Signature	Director (N.S.Q.C.S.)
FORM SR 13		(r. 18(1)(b))
NATIONAL SEED QUAI		OL SEDVICE
	679, NAKURL	
	ER'S LICENC	
Licence No	ockist is hereby	granted to:

[Subsidiary]			
SIX	(TH SCHEDULE, FO	ORM SR 13—continu	ued
	, 20	to	, 20
seed.	nes meet minimum ger not be tampered with. n in a cool and dry atm y from chemicals and	osphere with no direct	sunlight. s as can be injurious to the
5. Upon licensing the licer(a) Pay appropriate fe(b) Renew the licence	e.		
Date		Direc	ctor, N.S.Q.C.S
FORM SR 14			(Rule 20(1)(b))
	REPUBLIC	OF KENYA	
NATI	ONAL SEED QUAL	ITY CONTROL SER	VICE
	NOTICE TO IM	PORT/EXPORT	
To:			
The National Seed Qual P.O. Box 1679,	ity Control Service,		
			accordance with the terms
laid down in the Seeds and		•	ns made therein.
• • • • • • • • • • • • • • • • • • • •			
•			
5. Quantities on seed of s	•		
6. Name and address of s			
7. Particulars of seed imp			
Crops species	Variety	Category	Weight in kg.
			+
			+
			+

		SIXTH SCHEDULE, FO	DRIVI SR 14—continue	a		
8.	Declaration from inc	lividual merchants:				
	In signing this application, I also declare that the seeds as above will, under no circumstances, be distributed for commercial purposes.					
9.	The seed consignment	ent shall be accompanied	by:			
	(a) A Phytosanitary	y certificate;				
	(b) The Orange Int	ternational (I.S.T.A.) certific	cate.			
Da	te		Signature			
		FOR OFFICIA	AL USE ONLY			
(1)	Recommendation of	f the Director, N.S.Q.C.S.				
	I have examined the	application and I have es	tablished that:			
	(a) The cultivar has	s/has not been tested for a	adaptability in Kenya.			
	` '	mportation is/is not reliable				
		returns, the quantities of				
		nas/has not a valid registra		3		
	In view of the above	e, I recommend/do not reco	ommend the application.			
			Name			
			Signature			
			Director,	N.S.Q.C.S.		
No		o approval by the Director ments of the Ministry of Tr				
FO	RM SR 15			(r. 20(1)(b))		
		REPUBLIC	OF KENYA			
		MINISTRY OF	AGRICULTURE			
			028, NAIROBI EXPORT PERMIT			
•	eds and Plant Variet	ies Act, 1972)		lo		
		anted to				
witl	n N.S.Q.C.S. Registra	ation No				
	•					
the	following seeds:					
	Species	Variety	Category	Weight in ka		

[Subsidiary]

SIXTH SCHEDULE, FORM SR 15-continued

subject to the following conditions:

- 1. The consignment of seed shall be accompanied by—
 - (1) Phytosanitary certificate.
 - (2) International Orange (I.S.T.A.) certificates.
- 2. The consignment shall be subjected to Kenya Plant Quarantine Regulations and on arrival in your stores shall be inspected by plant inspectors.
- 3. The seeds shall not be distributed prior to the outcome of the results of samples unless with express permission of an authorized officer or his agent.
- 4. Payment of sampling and testing fees as stipulated in Schedules 5 to the Seeds Regulations shall be honoured.
- Fulfilment of commerce/customs requirements and adherence to regulations pertaining to importation of seed.

	importation of seed.	
6.	Additional conditions	
		Signature
		Permanent Secretary'
		Ministry of Agriculture
c.c	. The Director,	
	National Seed Quality Control Services,	
	P.O. Box 1679,	
	Nakuru.	