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S T A T U T O R Y I N S T R U M E N T S

2016 No.

THE SEEDS AND PLANT REGULATIONS, 2016

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S T A T U T O R Y I N S T R U M E N T S

2016 No.

The Seeds and Plant Regulations, 2016.

(Under section 28 of the Seeds and Plant Act, 2006, Act No. 3 of 2007)

IN EXERCISE of the powers conferred upon the Minister responsible for agriculture, by section 28 of the Seeds and Plant Act, 2006, and on the recommendation of the National Seed Board, these Regulations are made this day of.....2016.

PART I—PRELIMINARY

1. Title.

These Regulations may be cited as the Seeds and Plant Regulations, 2016.

2. Objective of the Regulations.

The objective of these Regulations is to promote, regulate and control plant breeding, variety release, multiplication, conditioning, marketing, importing and quality assurance of seeds and other planting materials and for other related matters.

3. Interpretation.

In these Regulations, unless the context otherwise requires—

“Act” means the Seeds and Plant Act, 2006;

“accredit” means formal recognition of the technical competence to carry out seed certification procedures;

“accreditation” means third party attestation related to a conformity assessment body conveying formal demonstration of its competence to carry out specific conformity assessment tasks;

“agro-ecological zone or AEZ” means environments where crop varieties can be favourably produced;

- “beverage” means coffee, tea and cocoa;
- “breeder” means a person who breeds or discovers and develops a seed variety;
- “Board” means the National Seed Board;
- “C1” means the first generation of certified seed;
- “C2” means the second generation of certified seed;
- “COMESA” means the Common Market for Eastern and Southern Africa;
- “common catalogue” means the list of varieties that have been tested in more than one country and are eligible to be grown in those countries;
- “compulsory certification” means mandatory certification for those varieties that have been tested in national performance trials, officially released and entered into the National list of varieties or the Common Catalogue as indicated in Schedule 2;
- “currency point” has the value assigned to it in Schedule 1;
- “distinctness” in relation to a variety means being clearly distinguishable from any other variety whose existence is a matter of common knowledge at the time of the filling of the application;
- “Distinctness, Uniformity and Stability tests” means evaluations to determine whether a new plant variety is different from any known plant variety in respect of some trait(s); uniform in morphological, physiological or other accepted traits and stable in its description after repeated reproduction or propagation;

- “farm stock approval” means a final inspection in which moisture content, varietal purity, disease, insect damage and yield of a seed crop are assessed and approved before delivery to the factory for processing;
- “field” means a portion or unit of a farm that is registered to produce certified seed;
- “field inspection” means an examination of a seed crop, including checking for isolation, acreage of the seed field, off types, foreign varieties and diseased plants as part of the seed certification program;
- “germination” means germination of a seed in a laboratory test based on the emergence and development of the seedling to a stage where the aspect of its essential structures indicate whether or not it is able to develop further into a satisfactory plant under favourable conditions in the soil;
- “germination percentage (%)” means the proportion by number of seeds that have produced seedlings classified as normal under the conditions and within the period specified in ISTA Rules;
- “inert matter” includes seed units and all other matters and structures not defined as pure seed;
- “Inter-Agency Seed Certification” means a seed certification process that involves more than one certifying agency;
- “isolation” means the required distance or time between two crops of the same species or between two crops of closely related species to prevent contamination either mechanically or by pollination;
- “ISTA Rules” means the international rules for seed testing published by the International Seed Testing Association which include standardized definitions, methods and principles to be used when evaluating seed for transactions in international trade;

“label” means Tag or Identification Tag affixed on a container to identify the seed lot to which the container belong and to attest that the seed has undergone the relevant certification and has met the required quality standard;

“labeling” means the process of affixing a tag or identification marks so as to ensure correct identification of any container of seed;

“maintainer” means the registered person or organization responsible for the maintenance of a variety included in the National Variety List;

“National Seed Certification Service” means the technical body responsible for seed certification and quality assurance;

“OECD” means the Organisation for Economic Cooperation and Development;

“Official seed analyst” means an officer designated to test seed samples by the Minister under these Regulations;

“official seed crop inspector” means an officer designated to carry out field inspection of seed crops by the Minister under these Regulations;

“official seed sample” means a seed sample taken by an official or authorized seed sampler in accordance with these Regulations;

“official seed sampler” means an officer designated to carry out seed sampling by the Minister under these Regulations;

“off-type “ means a plant which does not exhibit the recognized and accepted habits and characteristics of the variety being grown;

“owner” means the individual or institution that created a variety or that was the source of a variety;

“person” means a natural or legal person;

“post control testing” means the growing of plants from seed lots which have been certified to further determine and confirm varietal purity and freedom from disease infection and verify the effectiveness of a certification program;

“pre-basic seed” means breeder’s seed of generations preceding basic seed;

“previous cropping” means intervals defined in terms of crop seasons and years;

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

“pure seed” refers to species stated by an applicant or found to predominate in a test, and shall include all botanical varieties and cultivars of that species including intact seeds and pieces of seed units larger than one-half their original size;

“purity” means the percentage by weight of pure seeds in a given sample as determined by a purity analysis;

“Quality Declared Seed” means a class of certified seed derived from any other certification seed class or from a Quality Declared Seed lot that has been officially field inspected;

“record” means any record required to be kept under these Regulations;

“registered seed grower” means a person or institution officially registered by the Ministry to grow seed crops;

“sealing” means the stage in processing whereby a seed container is sealed by National Seed Certification Service to prevent any tampering;

“seed certification” means the process of ensuring that seed offered for sale meets minimum requirements of field and laboratory regulatory standards set out in these Regulations;

- “seed crop” means a crop that is grown for the specific purpose of producing certified seed;
- “seed dressing” means a stage of seed processing where application of chemical substances on the surface of seed is done for the purpose of controlling pests and diseases;
- “seed health” means the degree of freedom from seed -borne diseases and pests;
- “seed lot” means a specified quantity of seed which measures to a maximum weight prescribed by ISTA, and which is represented by one sample in laboratory seed testing or in control plots, and which is homogenous and physically identifiable by a unique reference number;
- “seed processing” means all those treatments that the seed is subjected to other than laboratory seed 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 the sum of all factors such as varietal purity, seed health, germination, moisture content and vigor which affect the performance of the seed crop;
- “seed storage” means a stage in seed conditioning in which seed is maintained under conditions that minimize deterioration;
- “seed testing” means the laboratory examination of a sample of seed to determine its quality;
- “special attributes or characteristics” means major strengths or weaknesses of a variety;
- “stability” in relation to a variety means that its relevant characteristics remain unchanged after repeated propagation or in a case of a cycle of propagation, at the end of such cycle;

- “standard seed” means any seed which is not grown under certification program but may enter the market in case of certified seed shortage and meets the same laboratory seed testing standards as certified;
- “test report” means a seed testing laboratory report made after testing a sample of seed submitted officially or privately;
- “tested seed” means an official seed lot in respect of which there are valid laboratory test certificates;
- “UPOV” means the international union for the protection of new varieties of plants that sets international standards for the variety description and DUS testing;
- “uniformity” in relation to a variety means being sufficiently uniform in its relevant characteristics subject to the variation that may be expected from the particular features of its propagation;
- “variety registration” means the process of entering a variety on the National Variety List;
- “variety testing” means the scientific evaluation of the variety through field or laboratory analysis for assessment of its genetic characteristics for agricultural use;
- “Value for cultivation” or use or “VCU” means the performance data that is typically established through multi-location testing to show that a new variety has value to be released for cultivation;
- “weed” means any plant or type of 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;
- “yield potential” means yield of the useful part in optimal conditions of production.

4. Application for testing of seed variety.

(1) A person who intends to have a seed variety tested in national performance trials for distinctness, uniformity and stability shall apply to the National Seed Certification Service using Form S1, specified in Schedule 3.

(2) The application shall be accompanied by the required seed samples and prescribed fees to cover the costs of conducting the trials.

(3) The applicant shall, in applying for variety testing, show evidence of high performance of the variety in yield trials and on farm trials.

(4) The distinctness, uniformity and stability shall be conducted according to UPOV guidelines

5. Duration of testing seed variety.

(1) A variety which is intended to be released for commercial use shall be tested for two growing seasons before release.

(2) Testing of varieties shall be conducted to determine—

(a) value for cultivation, use and national performance; and

(b) the distinctness, uniformity and stability of the variety conducted in accordance with the International Union for the Protection of New Varieties.

(3) The National Seed Certification Service shall establish and review the protocols for value for cultivation and use testing in national variety performance trials.

(4) The evaluation of varieties for distinctness, uniformity, stability, value for cultivation and use shall be conducted for two seasons in the agro-ecological zones recommended by the National Seed Certification Service.

6. Preparation of technical data.

(1) The officer designated to prepare the technical data shall generate, analyze and compile the distinctness, uniformity and stability and national variety performance trial test data into a technical report.

(2) The officer shall submit the technical report to the National Variety Release Committee for consideration.

7. Submission of reference sample.

(1) The owner of a variety shall submit a reference sample to the National Seed Certification Service releasing the variety.

(2) The applicant shall state the required quality parameters in an application form when submitting the reference sample.

(3) The seed submitted in the reference sample shall satisfy the minimum requirements for the germination, species and analytical purity, health and moisture content as specified by the National Seed Certification Service.

(4) Subject to sub regulation (3), the seed submitted in the reference sample shall—

- (a) be visibly healthy;
- (b) have vigor; and
- (c) be free from the quarantine pest or disease.

(5) The seed submitted in the reference sample shall not have undergone any treatment that would affect the expression of the characteristics of the variety but where the National Seed Certification Service allows or requests such treatment, details of the treatment shall be supplied.

8. Naming of varieties.

(1) The breeder shall designate the variety by a denomination that shall be its generic designation.

(2) The National Seed Certification Service shall reject a denomination which is misleading or causes confusion concerning the characteristics, value or identity of the variety or the breeder.

(3) A variety shall bear the same name as in other COMESA Member States where the name has been previously registered unless the denomination is considered unsuitable by the National Variety Release Committee or by the National Seed Certification Service, in which case a synonym may be used.

9. Release of a variety.

(1) A person who intends to have a variety released shall apply to the National Variety Release Committee by filling Form S 2 specified in Schedule 3.

(2) An application for release of a variety shall be accompanied by the registration fee specified in Schedule 4.

(3) The National Variety Release Committee shall base its decision to release the variety on the technical data provided by the breeder and the technical report produced in respect of the variety.

(4) The National Variety Release Committee shall notify the applicant of the decision of the Committee using Form S 3 specified in Schedule 3.

10. Registration of variety.

(1) A variety which is distinct, uniform and stable and has superior agricultural value, as determined in the procedures established by the National Variety Release Committee, shall be released and registered in the National Variety List and common catalogue.

(2) The National Seed Certification Service shall record the following information in respect of every variety registered in the National Variety List—

- (a) species, botanical or common name;
- (b) variety name, synonyms, code and type;
- (c) countries and years of release;
- (d) date of regional registration;
- (e) owner;
- (f) maintainer or seed source;
- (g) recommended agro-ecological zone;
- (h) duration to maturity;
- (i) yield potential;
- (j) special attributes or characteristics.

11. Publication in the Gazette

(1) The Board shall publish the National Variety List in the official Gazette upon approval.

(2) A new variety published in the Gazette shall be eligible for seed multiplication and marketing as stipulated in the release conditions.

12. Withdrawal of a variety.

The National Seed Certification Service shall withdraw a variety from the National Variety List where—

- (a) the information on the variety is inaccurate;
- (b) a variety no longer conforms to its original characteristics;
- (c) the maintainer cannot provide the original material; or
- (d) the applicant requests that the variety should be withdrawn.

13. Database of varieties.

The National Seed Certification Service shall establish and maintain a database of varieties which shall—

- (a) contain all varieties for which data is available;
- (b) be accessible to all stakeholders; and
- (c) contain such details as may be determined by the National Seed Certification Service.

PART III—REGISTRATION OF SEED MERCHANTS

14. Application for registration as seed merchant.

(1) A person who intends to produce seed in Uganda shall apply for registration to the National Seed Certification Service.

(2) The application shall be in Form SR 4 specified in Schedule 3 and shall be accompanied by the fees prescribed in Schedule 4.

(3) The National Seed Certification Service shall approve and register an applicant who—

- (a) has seventy-five percent of their business as seed processing, seed production or seed marketing;
- (b) has adequately trained and competent personnel knowledgeable in seed related matters;
- (c) has established an extensive and comprehensive seed distribution channel of registered agents, sub-agents and stockiest; or
- (d) has installed all equipment necessary for seed processing and storage.

15. Certificate of registration as seed merchant.

(1) The National Seed Certification Service shall issue a certificate of registration specified in Form SR 5 in Schedule 3 to a person registered as a seed merchant.

(2) The certificate shall specify the crops and seed classes produced by the person and such conditions as may be necessary with respect to production, processing or marketing of the seed.

(3) A seed merchant registered by the National Seed Certification Service shall upon registration, be assigned a registration number and a unique code.

16. Duration and renewal of certificate of registration.

A certificate of registration as seed merchant, unless suspended or cancelled, is valid for one year from the date of issue and may be renewed for a further period not exceeding one year upon payment of the fees for renewal specified in Schedule 4.

17. Responsibilities of seed merchants.

A registered seed merchant shall—

- (a) record the particulars of each seed lot produced, purchased, sold or otherwise dealt with by the seed merchant;
- (b) keep records relating to the seeds in safe custody for a period of three years from the date of the transaction to which the records relate;
- (c) produce the seed records to any inspector for inspection whenever required during normal working hours; and
- (d) be obliged to re-sample seed lots whose validity has expired for further re-testing, re-labeling and re-sealing.

PART IV—SEED PRODUCTION

18. Classes of seeds.

(1) For the purposes of seed production and marketing, the Board shall establish, seed classes as follows—

- (a) pre-basic seed;
- (b) basic seed;
- (c) first generation certified seed;

- (d) second generation certified seed;
- (e) standard seed; and
- (f) quality declared seed.

(2) Each class of seeds shall be identified by a unique color of the seed label, as specified in Schedule 5.

19. Application for registration as seed grower.

(1) An application for registration as a seed grower shall be made to the National Seed Certification Service in Form SR 6 specified in Schedule 3.

(2) The application shall be accompanied by the fees prescribed in Schedule 4.

(3) The National Seed Certification Service shall not approve any application for consideration as a seed grower if the application relates to land in which during the preceding season, other cultivars of the crop or closely related crops have been grown.

(4) Upon registration, the National Seed Certification Service shall issue to a seed grower a certificate of registration in Form SR 7 specified in Schedule 3.

20. Seed crop production.

(1) A registered seed grower shall plant the appropriate parent seed for seed production and shall keep a record of the parentage including certificates, labels and invoices.

(2) A registered seed crop shall not exceed the declared acreage by more than ten per cent of the total area.

(3) The National Seed Certification Service shall permit only one or two cultivars of the same species on any farm except where it directs otherwise.

PART V—FIELD CROP INSPECTION

21. Seed crop declaration.

(1) A seed grower shall, not later than two weeks after planting a seed crop submit to the National Seed Certification Service a duly filled seed crop declaration form specified in Form SR 8 in Schedule 3.

(2) The seed crop declaration form shall be accompanied by the fee prescribed in Schedule 4.

(3) The National Seed Certification Service shall not register the seed crop declaration form unless it is satisfied that the seed grower is registered for the species and classes of seed declared and that the parent seed is eligible for the intended seed production.

(4) Upon registration of the seed crop, the National Seed Certification Service shall issue a certificate of registration of seed crop inspection and notify the seed grower in Form SR 9, specified in Schedule 3.

22. Field inspection.

(1) A field inspection shall be conducted by official or authorized seed crop inspectors for the purposes of certification.

(2) Inspection shall be confined to the fields of registered seed growers and the fields of advanced breeder 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 crop inspection.

(4) A seed inspector conducting a field inspection shall not certify any crop if he or she is not satisfied that it meets the standards specified in Schedule 6.

(5) The seed inspector shall carry out field inspection in such a manner that the portion of the crop being inspected is being regarded as representative of the whole crop.

(6) Seed crop inspection shall be carried out in accordance with the standards specified in Schedule 6.

23. Inspection report.

(1) A seed crop inspector shall issue the results of each routine field crop inspection in Form SR 10 specified in Schedule 3.

(2) The seed crop inspector shall issue a final crop inspection report upon completion of the final field crop inspection in Form SR 10 B specified in Schedule 3.

24. Farm stock approval.

(1) The registered seed grower shall keep the harvest from an approved registered field separate from other harvests.

(2) The bags, bins, or bulk storage unit shall be clearly labeled for purposes of identification and traceability.

(3) One or more inspections of the seed harvested from the approved fields shall be carried out by the seed inspector-

- (a) to check the storage condition;
- (b) to check on the identity of the harvested crop;
- (c) to estimate yield; and
- (d) to determine the moisture content.

(4) An official seed sampler shall conduct farm stock approval by taking representative samples of the harvested seed crop for laboratory test.

(5) The results from the laboratory test shall form the basis for approval or rejection by the National Seed Certification Service and those results shall be issued in Form SR 11 specified in Schedule 3.

25. Refusal to approve seed crop.

The seed inspector shall not approve a seed crop if—

- (a) the species or varietal purity of the crop is sub-standard or obscure;
- (b) the seed crop does not conform to the required standards for the species and variety concerned; or
- (c) any field exceeds the actual stated acreage by a percentage more than ten when physically measured.

26. Transportation.

(1) The seed inspector shall, on completion of harvesting by the seed grower, supervise the transportation of seed for processing, and issue a Seed Transport Order specified in Form SR 12 in Schedule 3.

(2) The seed containers used for transportation shall be clearly marked with indelible ink to avoid any contamination.

PART VI—SEED PROCESSING AND CONDITIONING

27. Seed processing.

(1) A person shall not process seed unless that person is a registered seed merchant.

(2) A registered seed merchant shall only process seed from approved fields or seed permitted to be imported into Uganda in bulk.

(3) A registered seed merchant shall notify the National Seed Certification Service before processing any seed lots and upon such notification, the National Seed Certification Service or a person authorized by National Seed Certification Service shall issue a work order to the seed merchant, in Form SR 13 specified in Schedule 3.

(4) The National Seed Certification Service or a person authorized by National Seed Certification Service may enter and inspect the premises of any seed merchant processing seed.

(5) The seed inspector shall during processing of seed perform machine inspection and lot examination, and order reprocessing where he considers that processing is ineffective.

(6) The seed merchant shall ensure that processed seed is clearly marked and stored separately in identifiable lots.

(7) A seed merchant shall pay the lot examination fees specified in Schedule 4.

28. Seed conditioning.

(1) A registered seed conditioner shall abide by the rules and seed standards specified under these Regulations for the type of seed they are conditioning.

(2) A registered seed conditioner shall not process any seed lot for which farm stock approval has not been granted by the National Seed Certification Service.

(3) A registered seed conditioner shall be responsible for the maintenance of the identity and quality of the seed lot during processing and conditioning of the seed.

(4) Seed that has been conditioned shall be put into lots and the quantity of the seed lots shall be determined by the National Seed Certification Service in accordance with the ISTA standards.

(5) A registered seed conditioner shall pack conditioned seed and shall ensure that seed containers are—

- (a) put into lots and stored separately; and
- (b) protected against rodents, insects, moisture and any other factors that may be harmful to seed viability.

(6) The registered seed conditioner shall keep and maintain records of the following activities carried out by him or her in relation to seed lots conditioned in his premises—

- (a) seed intake (quantity);
- (b) seed drying (% moisture);
- (c) seed cleaning (% screenings);

- (d) seed grading;
- (e) seed treatment (chemicals used);
- (f) seed packaging (type and numbers); and
- (g) seed storage.

(7) The seed conditioner shall produce the records referred to in sub regulation (6) on demand by the official seed inspectors.

(8) For the purposes of sub regulation (1), the seed standards are specified in Schedule 6.

PART VII—SEED SAMPLING

29. Seed sampling.

(1) Only seed from a registered seed crop that has been conditioned, in accordance with these Regulations shall be sampled for laboratory tests and post control testing verification plots.

(2) All processed seed lots shall be sampled by a seed inspector, or seed sampler designated by the Minister, upon payment by the seed grower of the fee prescribed in Schedule 4.

(3) Seed lots shall be created at the time of sampling and shall not exceed the maximum weights prescribed by the ISTA standards.

(4) 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.

(5) The seed merchant shall arrange the packages in such a manner as to enable the seed inspector reach all packages and draw samples.

(6) Seed sampling shall follow the methods and procedures prescribed in ISTA standards.

(7) All the samples shall bear a unique seed lot reference number for traceability purposes.

(8) The seed merchant shall provide reliable scales for ascertaining the weight of a seed lot.

30. Dispatch of samples.

(1) Seed samples that have been obtained by an official or authorized seed sampler shall be subdivided into three component parts, loaded onto containers and sealed by the authorized seed sampler.

(2) Each seed sample shall be accompanied with the information contained in Form SR 14 A specified in Schedule 3.

(3) The sealed seed samples shall be sent to the official or accredited seed testing laboratory for—

- (a) laboratory analysis;
- (b) post control planting; and
- (c) holding as a reserve sample.

31. Private seed samples.

(1) An owner of a private seed sample shall deliver the sample to the seed testing laboratory accompanied with information contained in Form SR 14 B specified in Schedule 3.

(2) Testing of private seed samples for the purpose of certification shall be carried out in an official seed testing laboratory by official seed analysts in accordance with section 13 of the Act.

PART VIII—TESTING OF SEEDS

32. Procedures for testing of seeds.

(1) Testing seed for the purpose of certification shall be carried out in an official seed testing laboratory by official seed analysts in accordance with section 13 of the Act.

(2) Official seed samples shall be drawn and submitted by an official seed sampler or seed inspector.

(3) Seed testing shall be conducted in accordance with the prescribed ISTA rules.

33. Seed test report.

(1) The official seed analyst shall—

- (a) test seeds in accordance with the procedures for seed testing, as prescribed by ISTA standards;
- (b) record the results of the seed test on a certificate in Form SR 15 A in the case of official seed samples or Form SR 15 B in the case of private seed samples, as specified in Schedule 3;
- (c) state whether the tested seeds have met the minimum standards of germination capacity, purity and health as set out in Schedule 6 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; and
- (e) furnish a special report where the lot has been tested for unique seed health.

(2) All test reports of private seed samples shall be stamped with the following words “Not for Sale - own use only”.

34. Storage of seed samples.

Seed samples shall be retained and stored in the official seed testing laboratory, under optimum storage conditions, for at least twelve months from the date the test result certificate is issued.

35. Appeal of seed testing results.

(1) A person aggrieved by the results of the official seed test may appeal to the Commissioner responsible for seeds who may order a resample or retest on the original sample submitted or on a newly officially obtained sample.

- (2) If the results of the second test are—
- (a) within tolerance, the aggrieved person shall be required to pay the fee prescribed for retesting; or
 - (b) out of tolerance, the official laboratory will issue a certificate bearing the new result.

(3) The results obtained from the national seed testing laboratory together with the field inspection report shall enable the commissioner to grant or not to grant certification of the seed lot.

(4) Where the aggrieved person is not satisfied with the repeat test, the person may appeal to the Board.

PART IX—PROCEDURE FOR LABELING AND SEALING SEEDS

36. Procedure for labeling and sealing seeds.

(1) Seed certification shall include labeling and sealing and shall be subject to the payment of the fee specified in Schedule 4.

(2) Seed lots shall not be labeled or sealed before the release of the official laboratory test result certificate.

(3) Certified seed lots which have met the minimum standards specified in Schedule 6 shall be packed in bags or containers and securely closed.

(4) All bags or containers of seed shall be labeled with a certification label whose serial number shall be entered into the work order used in processing seed.

(5) The seed certification label under sub regulation (4) shall specify the—

- (a) crop;
- (b) variety;
- (c) class of seed;
- (d) seed lot number;

- (e) net weight of seed in the package or container;
- (f) warning of poisonous seed dressing and name of product used;
- (g) name and address of certifying agency; and
- (h) date of testing.

(6) The seed certification labels shall be attached to the seed containers under the supervision of the official seed sampler or official seed inspector.

(7) The seed conditioner shall stamp on the seed packets the following words “plant by date” and indicate the appropriate date.

(8) Where certified seed lots have been returned for repackaging, the repackaging shall be done only under the supervision and approval of the National Seed Certification Service.

(9) A person, other than the ultimate user, shall not remove certification labels, seals or open mechanically sewn or closed packets of seed.

(10) Certification labeling and sealing shall not be conducted for seed packets of less than five kilograms in weight provided—

- (a) that the seed is drawn from sealed containers;
- (b) packets or containers are sealed or closed;
- (c) the National Seed Certification Service certification mark shall be 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; or
- (e) a warning text, in cases where the seed lot is dressed is printed on the packet or containers.

37. Protection of seed certification labels and seals.

(1) Seed certification labels and seals shall remain the property of the Government of Uganda.

(2) Seed certification labels and seals shall only be issued to seed producers upon payment of the fee specified in Schedule 4.

(3) Seed certification labels and seals shall be issued on inspection and certification of the seed lots by official seed inspectors.

PART X—VALIDITY OF CERTIFICATION

38. Validity of certification and quality declaration.

(1) The certification for cereals, fruits and fiber crops is valid for twelve months from the date of testing unless it is revoked by the National Seed Board.

(2) The certification for pulses, oil crops, pasture seeds, root and tuber crops and beverage is valid for six months from the date of testing unless it is revoked by the National Seed Board.

(3) A declaration of quality for all species of crops is valid for twelve months from the date of testing unless earlier revoked.

(4) The seed merchant or his or her agent is responsible for calling seed samplers to conduct re-sampling, re-testing and re-sealing of seed lots whose validity of certification has expired.

39. Disposal of sub-standard seed.

(1) Where a laboratory seed testing and analysis reveals that a seed does not conform to the standards specified in Schedule 6, the seed shall be disposed of in a safe environmental and manner.

(2) Sub-standard seed shall be disposed of in a gazetted area and under the supervision of National Seed Certification Service inspector or his or her representative at the cost of the owner.

PART XI—SALE OF SEEDS

40. Conditions for seeds offered for sale.

(1) A person shall not offer seeds for sale unless the seed has been officially tested in official seed testing laboratory and certified in accordance with these Regulations.

(2) The seed merchant shall be responsible for the quality of any seed offered for sale by that seed merchant.

41. Seed dealers, agents or stockists

(1) A person shall not sell seed unless he or she holds a valid certificate issued under this regulation.

(2) A seed merchant may appoint a seed dealer, agent, sub-agent and stockist with knowledge, ability and appropriate facilities to maintain the quality and viability of the seed offered for sale.

(3) A seed dealer, agent, sub-agent or stockist appointed by a seed merchant shall apply for registration to the National Seed Certification Service by completing Form SR 16 specified in Schedule 3.

(4) The National Seed Certification Service shall, upon receipt of an application under this regulation and upon payment of the fee prescribed in Schedule 4 issue a seed dealer, his or her agent, sub-agent or stockist a certificate in Form SR 17, specified in Schedule 3.

(5) An official seed inspector may enter and inspect any premises where seed is stored by a seed dealer, agent or stockist for sale.

(6) A seed inspector or seed analyst shall, on a seasonal basis conduct sampling and re-testing of all seed stored for sale by a registered seed dealer, and shall issue an order to stop sale in respect of seed lots whose germination capacities are below the minimum standards prescribed by the National Seed Certification Service specified in Schedule 6.

(7) Where an order to stop sale under sub-regulation (6) has been issued, the seed merchants shall retrieve the affected seed lots from all agents, sub-agents and stockists, and shall declare all such seed to the National Seed Certification Service for destruction, under the supervision of the seed inspector.

(8) The order to stop sale referred to in sub regulation (6) is in Form SR 18 specified in Schedule 3.

42. Validity of the certificate of seed dealers.

(1) The conditions relating to the maintenance of seed offered for sale shall be attached to the certificate issued to a seed dealer, agent or stockist.

(2) A certificate of the seed dealer, his or her agent, sub-agent or stockist shall be valid for twelve months from the date of issue, and shall be renewed every year.

(3) The National Seed Certification Service may withdraw the certificate referred to in sub regulation (1) where the attached conditions are breached.

(4) The National Seed Certification Service may vary the duration of validity as it may deem necessary.

43. Maintenance of seed dealers' register.

The National Seed Certification Service shall maintain a register of all seed dealers registered under these regulations.

44. Declaration of seed stocks.

A seed merchant shall submit to the National Seed Certification Service the quantity of seed held in stock in May and December every year.

PART XII—IMPORT AND EXPORT OF SEEDS

45. Conditions for importing seeds

(1) A person shall not import seed for commercial purposes unless—

- (a) that person is a registered seed merchant or seed dealer with an import permit issued by the National Seed Certification Service;
- (b) that person has submitted a notice of intention to import seed in Form SR 19 specified in Schedule 3, and has been issued with an import permit in Form SR 20 specified in Schedule 3;
- (c) the variety to be imported complies with the minimum standards, specified in the Sixth Schedule and the variety is included on the National Variety List or the Common Catalogue;
- (d) the seed shall be imported in a form that allows easy sampling;
- (e) seed for research or experimental purposes shall require a plant import permit and phytosanitary certificate; and
- (f) seed imported into the country shall be declared upon arrival for verification.

(2) The notice under sub- regulation (1) (b) shall specify the crop, variety and quantity of seed to be imported.

(3) The marketing of imported seed shall be subject to the provisions of regulation 43.

(4) All imported seed for commercial purposes shall be accompanied by an ISTA Orange International Certificate, an import Permit and a Phytosanitary Certificate.

46. Conditions for exporting seeds.

- (1) A person shall not export seed unless—
 - (a) that person is a registered seed merchant or seed dealer and has applied for an export permit;

- (b) the person has submitted a notice of intention to export seed in Form SR 19 specified in Schedule 3, and has obtained an export permit in Form SR 20 specified in Schedule 3;
- (c) the variety to be exported complies with the minimum standards, specified in Schedule 6, and the variety is included on the National Variety List or the Common Catalogue; and
- (d) the seed shall be exported in a form that allows easy sampling.

(2) The notice under sub regulation (1) (b) shall specify the crop, variety, class and quantity of seed to be exported.

(3) All seed for export shall be accompanied by an ISTA orange or blue International Certificate, an export Permit and a Phytosanitary Certificate.

PART XIII—POST CONTROL TESTING

47. Post control management.

(1) Seed lots officially sampled and tested under these Regulations shall be grown in post control plots in accordance with OECD or internationally recognized regulations relating to field seed certification scheme.

(2) The post control plots referred to in sub-regulation (1) shall be open to examination and assessment by all interested parties.

(3) An officer in charge of examination and assessment of the post control plots shall, upon completion of the examination and assessment write a report on the post control test.

- (4) The report shall include—
 - (a) the number of off types;
 - (b) foreign varieties;
 - (c) weeds;
 - (d) diseased plants; and

- (e) other diversions and possible remedies to eradicate such diversions in subsequent seasons, including recommendation on withdraw of remnant of seed lots found in these tests to deviate grossly from the original certification results.

PART XIV—INTER-AGENCY SEED CERTIFICATION

48. Inter-Agency seed certification.

(1) All seeds produced and certified by more than one certifying agency for purposes of international seed trade shall undergo inter-agency seed certification.

(2) All seed partially certified in one member state, and moved to another state to complete the process of certification; including processing, labeling or sealing, shall bear an inter-agency certification label.

(3) All seeds produced under inter-agency seed certification shall meet the minimum field and laboratory standards, specified in Schedule 6, and shall be accompanied by Form SR 21, specified in Schedule 3 during seed transfer.

PART XV—ACCREDITATION

49. Accreditation.

(1) The National Seed Certification Service shall be responsible for accrediting individuals, companies or institutions to carry out field inspection, laboratory seed testing, seed sampling and seed labeling.

(2) The National Seed Certification Service shall not accredit a person for any of the seed certification activities in sub-regulation (1) unless that person has—

- (a) relevant training with a minimum diploma in agriculture or seed technology;
- (b) adequate skills and work experience in the field of the activity; and
- (c) references from reputable institutions or persons.

50. Conditions for accreditation.

The following conditions shall be fulfilled for the accreditation—

- (a) laboratory Seed testing—
 - (i) be an established laboratory with the necessary equipment;
 - (ii) have technically competent staff;
 - (iii) have competence in seed testing protocols;
 - (iv) possess seed testing and quality assurance manuals; and
 - (v) have capacity to handle varying volumes of work.
- (b) For seed sampling, staff requirements shall include the following—
 - (i) staff shall be familiar with sampling procedures documented in manuals;
 - (ii) shall have the right sampling equipment;
 - (iii) shall have appropriate sample packaging material; and
 - (iv) shall have suitable sample storage facilities.
- (c) Field inspection staff shall have the following—
 - (i) competence in field inspection skills;
 - (ii) inspection manuals; and
 - (iii) appropriate inspection kits.
- (d) Seed labeling—

For the purposes of seed labeling, the staff shall have the following—

- (i) competence in seed labeling; and
- (ii) appropriate labeling equipment in place.

51. Accreditation procedures.

(1) A person, company or institution intending to be accredited for any of the seed certification activities in regulation 51 shall apply to the National Seed Certification Service in Form SR 22, specified in Schedule 3.

(2) The applicant shall state in the application the scope of the accreditation services.

(3) The National Seed Certification Service shall, on receipt of the application—

- (a) review submitted application forms;
- (b) carry out preliminary evaluation of documents to assess the technical competence of the applicant;
- (c) conduct an on-site evaluation of the applicant; and
- (d) produce an evaluation report on the applicant.

(4) The National Seed Certification Service shall notify a successful applicant, by issuing a certificate of registration in Form SR 23, specified in Schedule 3.

(5) The National Seed Certification Service shall carry out periodic auditing of accredited persons to assess their competence, in execution of their duties.

(6) The assessment shall be done by inspecting or testing at least ten percent of the fields or samples as the case may be.

(7) An accredited person, company or institution shall lose accreditation status whenever found to be incompetent during two subsequent audits, and shall be required to re - apply to the Board to seek for re-accreditation.

52. Register of accredited entities.

(1) The National Seed Certification Service shall keep and maintain a register of accredited entities.

(2) The National Seed Certification Service shall as soon as practicable, after the coming into force of these Regulations update the register of accredited entities taking into account matters provided for by these Regulations.

PART XVI—OFFENCES AND PENALTIES

53. Offences and penalties.

(1) A person who—

- (a) with intent to defraud, gives false information to a seed inspector or seed analyst;
- (b) obstructs or interferes with or fails to comply with any lawful order given by a seed inspector in execution of his or her powers or duties under these Regulations;
- (c) makes or causes to be made any statement or certificate required to be produced or displayed under these Regulations which is false in any material particular; or
- (d) 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.

(2) A person who commits an offence under these regulations is liable on conviction to a fine not exceeding ninety six currency points or to imprisonment not exceeding four years or both.

PART XVII—APPEALS

54. The Seeds and Plant Tribunal.

(1) There is established a Seeds and Plant Tribunal, in accordance with Section 16 of the Act.

(2) The Minister shall, in consultation with the Board, constitute the Seeds and Plant Tribunal.

(3) The Seeds and Plant Tribunal shall be composed of three members as follows—

- (a) the Chairman of the Seeds and Plant Tribunal, who shall be an advocate;
- (b) two other members from a panel of persons consisting of—
 - (i) a person who have a wide general knowledge of agriculture and seed technology; and
 - (ii) a person who have specialized knowledge of particular species of plants.

(4) The Minister may revoke the appointment of members of the Tribunal on any of the following grounds—

- (a) inability to perform the functions of his or her office arising out of physical;
- (b) misbehavior or misconduct; or
- (c) incompetence.

55. Appeals to the Seeds and Plant Tribunal.

(1) A person who is aggrieved by the decision of a seed inspector or seed analyst may appeal within twenty four hours to the Board.

(2) Any person aggrieved by the decision of the Board may appeal to the Seeds and Plant Tribunal.

(3) Any person aggrieved by the decision of the Seeds and Plant Tribunal may appeal to the High Court.

56. Protection of officers from civil action.

(1) A suit, prosecution or other legal proceedings shall not lie against any officer for anything done in good faith and without negligence in the exercise or performance of his or her functions or duties under these Regulations.

(2) For the purposes of this regulation, the term “Officer” includes any employee of the Government of Uganda.

(3) An officer shall not be exempted under this provision if the officer is negligent in execution of his or her duties.

SCHEDULES

regulation 3

SCHEDULE 1

CURRENCY POINT

One currency point is equivalent to twenty thousand Uganda shillings

SCHEDULE 2

regulation 3

A. PRESCRIBED SEEDS UNDER COMPULSORY CERTIFICATION

CEREALS

Barley	...	...	<i>Hordeum vulgare L.</i>
Finger Millet	...	...	<i>Eleusine coracana (L)</i>
Maize	...	...	<i>Zea mays L.</i>
Pearl Millet	...	...	<i>Penisetumglaucum (L)</i>
Rice	...	...	<i>Oryza sativa L.</i>
Sorghum	...	...	<i>Sorghum bicolor (L)</i>
Wheat	...	...	<i>Triticum aestivum</i>

PULSES

Beans	...	...	<i>Phaseolus vulgaris L.</i>
Broad beans	...	...	<i>Vicia faba L.</i>
Chick peas	...	...	<i>Cicerarietinum L.</i>
Pigeon pea	...	...	<i>Cajanus cajan</i>
Cowpeas	...	...	<i>Vigna unguiculata</i>

OIL CROPS

Groundnuts	...	...	<i>Archis hypogaea L.</i>
Sunflower	...	...	<i>Helianthus anuus L.</i>
Soybean	<i>Glycine max L.</i>
Simsim	<i>Sesame indicum L.</i>

FIBRE CROPS

Cotton	<i>Gossypium spp.</i>
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ROOT AND TUBER CROPS

Irish potatoes	<i>Solanum tuberosum</i>
Cassava	<i>Mannihot esculenta</i>
Sweet Potatoes	...	...	<i>Impomea batatus</i>

BEVERAGES

Coffee	...	...	<i>Coffea spp</i>
Tea	...	...	<i>Camelina spp</i>
Cocoa	...	...	<i>Theobroma cacao</i>

FRUITS

Pineapples	...	...	<i>Annas camosus</i>
Apples	...	...	<i>Lanneacorom andelica</i>
Mangoes	...	...	<i>Mangifera indica</i>
Bananas	...	...	<i>Musa spp.</i>
Oranges	...	...	<i>Citrus spp.</i>
Avocado	...	...	<i>Persea america</i>
Pawpaw	...	...	<i>Carica papaya</i>
Passion fruit		...	<i>Passiflora edulis</i>

PASTURE SEEDS

Silver leaf desmodium	...	...	<i>Desmodium uncinatum</i>
<i>Green leaf desmodium..</i>	...	...	<i>Desmodium intotum</i>
Siratro	...	...	<i>Macroptilium Atropurpureum</i>
Stylo	...	...	<i>Stylothensis guianensis</i>

B. PRESCRIBED SEEDS UNDER VOLUNTARY CERTIFICATION

HERBAGE GRASSES

LAWN GRASSES

FLOWER SEEDS

SCHEDULE 3

FORM S1

regulation 4(1)

APPLICATION FOR INCLUSION OF A VARIETY IN THE NATIONAL
PERFORMANCE TRIALS

(In accordance with the Seeds and Plant Act, 2006)

To: The Chairman
National Seed Board

Name of Applicant.....

Name of Employer.....

Location and address.....

Qualification and experience of applicant.....

Variety/Varieties/ Experimental lines for inclusion in the National Performance
Trials are

Origin.....

Genetic Composition:

Pure line/Hybrid/Composite/Synthetic/Vegetatively propagated etc

Record of previous performance.....

Additional information.....

I/We enclose a sum of Ush..... only as testing fees.

Signature..... Date.....

THE REPUBLIC OF UGANDA
FORM S 2

regulation 9(1)

APPLICATION FOR RELEASE AND INCLUSION OF A VARIETY IN
THE VARIETY LIST/CATALOGUE

(In accordance with the Seeds and Plant Act, 2006)

To: THE NATIONAL SEED CERTIFICATION SERVICE

Name of Breeder.....

Name of Employer.....

Location and address.....

Qualification and experience of applicant.....

Variety/Varieties/ are.....

Origin

Genetic Composition: Pure line/Hybrid/Composite/Synthetic/Vegetatively propagated *etc.....

End use.....

Record of previous performance tests including statistical analysis where a local check was used and /or on farm trial results (attach evidence)

.....

The variety or line most closely resemblesvariety(ies) which is/are *currently in commercial production

(i) Similarities are.....

(ii) Differences are.....

The variety/line has these special features and characteristics.....

Proposed Name.....

Additional information.....

I/We enclose a sum of Ush..... only as registration fees.

Signature.....

NATIONAL SEED CERTIFICATION SERVICE

Date.....

* Delete whichever is not applicable

FORM S 3

regulation 9(4)

RELEASE OF A NEW VARIETY AND INCLUSION IN THE VARIETY LIST/ CATALOGUE

(In accordance with the Seeds and Plant Act, 2006)

To: The Applicant

Name of Applicant(s).....

P. O. Box Tel.....

Name of Institution.....

P. O. Box

Has/Have developed a superior variety and has/have proposed to name it as.....
...

The performance of the variety is as follows:

- (i) It is suitable foragronomic zones
- (ii) Yields aremt/ha
- (iii) Requiresmm of rainfall distributed overdays
- (iv) It is resistant to
- (v) Matures within days
- (vi) The variety stores best under conditions

.....
*Chairperson
National Variety Release Committee*

FORM SR 4

regulation 14(2)

APPLICATION FOR REGISTRATION AS SEED MERCHANT

(In accordance with the Seeds and Plant Act, 2006)

To: National Seed Certification Service

Name of Applicant.....

Address.....

Location of premises.....

Years of experience..... as

I/We wish to apply for a certificate as a Seed Merchant.

I/We wish to deal in -

1. Production of:	
(i) Agricultural crops (ii) Horticultural Crops (iii) others (specify)	
2. Processing of:	
(i) Agricultural crops (ii) Horticultural Crops (iii) others (specify)	
3. Marketing of:	
(i) Agricultural crops (ii) Horticultural Crops (iii) others (specify)	

Merchant:

Do you have adequate and knowledgeable personnel who are conversant with seed matters? Yes/No*

Production:

- (i) Do you have adequate land and equipment to handle basic seed? Yes/No*
- (ii) Do you have contractual agreement with the growers you have recruited? Yes/No*
- (iii) Do you have adequate field officers to supervise and advise growers on all operations of seed production? Yes/No*
- (iv) Do you have adequate and knowledgeable personnel who are conversant with seed matters? Yes/No*
- (v) What is your source of breeder seed?
- (vi) What is your source of basic seed?
- (vii) Do you have adequate land for production of basic seed? Yes/No*
- (viii) Do you have an internal quality control programme Yes/No*

Declaration:

I/We* AT ANY TIME DURING OFFICIAL WORKING HOURS EVEN WITHOUT Previous appointment will allow the inspectors entry to the seed stores and thereby provide them with the facilities necessary to carry out their inspection work as laid out in the Seed and Plant Regulations, 2015. I/We* further declare that I/We* am/are* conversant with the Regulations and shall observe the various regulations and conditions of the Regulations. In addition I/We * will send a list of all seed lots in our stores on andor at such a date as can be mutually agreed upon between the National Seed Certification Service and ourselves.

Signature
NATIONAL SEED CERTIFICATION SERVICE

Date.....

* Delete whichever is not applicable

FORM SR 5

regulation 15 (1)

CERTIFICATE OF REGISTRATION AS A SEED MERCHANT

(In accordance with the Seeds and Plant Act, 2006)

Registration Number (RN).....

For the Year.....

Company.....

Postal Address.....

Tel No.....

Location of premises.....

For the category of -

(i) Agricultural Crops

(ii) Horticultural Crops

Note: If your annual renewal is not done for one year, you shall lose your status and shall have to re apply.

Signature
National Seed Certification Service

Date.....

THE REPUBLIC OF UGANDA

FORM SR 6

regulation 19 (1)

APPLICATION FOR REGISTRATION AS A SEED GROWER

The National Seed Certification Service

Name of Applicant in full.....

Address.....

Location of Farm.....

Years of experience as a seed grower.....

I/We wish to apply for a license to produce certified seed as indicated below -

<i>Crop(s)</i>	<i>Variety</i>	<i>Ha</i>	<i>Origin/source of seed</i>

I/We has/have not been a seed grower in the past and I/We has/have adequate storage facilities to handle the resultant seed.

If you have been a seed grower before, what was your grower's number?.....

The field where I intend to grow the seed crop was previously under (give its cropping history for the last three seasons or years).....crops/fallow*.....

Do you have adequate isolation? Yes/No*

Do you have adequate labor to carry out all farm operations timely? Yes/No*

Are you aware that only seed that meets the minimum standards shall be accepted as certified seed? Yes/No*

Note: If this application is successful, you will be required to furnish the details of the crop in Form SR 8.

Signature of applicant.....

Date.....

FOR OFFICIAL USE ONLY

Application Received on.....

Decision: Approved/Rejected*.....

Grower's Number allocated.....

Registration Number.....

Reason for rejection.....

(*Delete whichever is not applicable)

FORM SR 7

regulation 19 (4)

CERTIFICATE OF REGISTRATION AS A SEED GROWER
(In accordance with the Seeds and Plant Act, 2006)

Name.....

Grower Number (GN).....

Postal Address.....

Tel No.....

Location of the Farm

Signature

NATIONAL SEED CERTIFICATION SERVICE

Date.....

FORM SR 8

regulation 21(1)

APPLICATION FOR FIELD INSPECTION OF A SEED CROP
(In accordance with the Seeds and Plant Act, 2006)

To: National Seed Certification Service

Name of Grower.....

Postal address..... Tel No.....

Farm on which crops (every crop regardless of size) must be mentioned separately. (A crop field is where planting was completed within five days).

SPECIES	VARIETY	LOT No. OF SEED USED	HECTARES

Seed Rate per hectare..... kg

Registered Seed merchant/Dealer to whom the entire seed stock will be sold
.....

I/We *enclose a sum of Ush..... only in payment of inspection fees and number of labels which were attached to seed containers which contained the seed used in planting the seed crop.

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

Give a sketch map of route to your farm from the nearest main road and also the position where the seed crop is grown within your farm. Use additional paper if necessary.

Signature of applicant

Date.....

*Delete whichever is not applicable

FORM SR 9

regulation 21 (4)

REGISTRATION OF SEED CROPS FOR FIELD INSPECTION

(In accordance with the Seeds and Plant Act, 2006)

To: Company/Seed Grower.....

P.O. Box

Your application has been approved and registered as a seed crop of
.....ha at.....

Parish..... Sub-county..... District.....

The seed shall be harvested and delivered to the processor if the seed crop meets the prescribed field standards.

Signature

INSPECTOR

Date.....

FORM SR 10A

regulation 23 (1)

ROUTINE FIELD INSPECTION RESULT
(In accordance with the Seeds and Plant Act, 2006)

Grower's Name.....

Species.....Crop No.....Variety.....

Class..... Hectares.....

1. Does the crop have proper cultivar characteristics.....

<i>Counts</i>	<i>Off types</i>	<i>Diseases</i>	<i>Other features</i>	<i>Noxious weeds</i>	<i>Other weeds</i>
1					
2					
3					
4					
5					
6					
Total					
Average					
Percentage					
Identity					

2. The isolation distance/time of days/meters*
is adequate/inadequate and should be corrected.

3. General condition of the crop e.g. drought, crop husbandry, etc
.....

4. Further Remarks.....

5. Estimated Yield..... Bags/hectare

6. The crop is approved/rejected
Signature of Grower or his or her representative.....

Signature of Seed Inspector.....

Date.....

FORM SR 10 B

regulation 23(2)

(In accordance with the Seeds and Plant Act, 2006)

FINAL FIELD INSPECTION REPORT

Grower's Name.....

Species..... Crop No..... Variety.....

Class..... Hectares.....

<i>1st inspection</i>	<i>2nd inspection</i>	<i>3rd inspection</i>	<i>Total No. or %</i>
Off types			
Diseases			
Tassels			
Weeds			
Other crops			
Others (Specify)			

Remarks.....

The crop is approved/rejected*

Signature.....

Secretary National Seed Board

Date.....

* Delete whichever is not applicable

FORM SR 11

regulation 24(5)

FARM STOCK APPROVAL CERTIFICATE
(In accordance with the Seeds and Plant Act, 2006)

To.....

Address.....

Your field of ha which was inspected and finalized on and which yielded kg/ton of seeds and whose sample for stock approval analysis was taken on..... has been approved/rejected*

The results were -

- (i) Purity
- (ii) Germination.....
- (iii) Moisture content.....
- (iv) Insect damage.....
- (v) Mouldiness.....
- (vi) Noxious seeds observable.....

Signature of Seed Inspector.....

Date.....

* Delete whichever is not applicable

FORM SR 12

regulation 26(1)

SEED TRANSPORT ORDER

(In accordance with the Seeds and Plant Act, 2006)

M/S (SEED COMPANY).....

Address.....

Farm.....

You may transport for processing bags of your
seed crop from..... to..... on.....(Date)

Species.....

Variety.....

Block/Crop Nos.....

Which have been clearly identified with.....
(State type of identification)

Signature of Seed Inspector.....

Da.....

FORM SR 13

regulation 27(3)

WORK ORDER

(In accordance with the Seeds and Plant Act, 2006)

1. The following seed lot has been cleared and should be inspected for processing.
2. Seed Merchant.....
3. Name of the Grower.....and No. Date of issue.....
4. Species..... Variety..... Class.....
5. Weight of seed lot before processing.....Kg.
6. Quantity.....Cleaning.....%
7. Lot No..... provision germination.....%

<i>No. of labels issued</i>	<i>Serial No. of labels issued</i>	<i>No. of used labels</i>	<i>No. of seals used</i>	<i>Containers</i>	<i>Sample No.</i>

Signature of seed Inspector.....

Date.....

FORM SR 14 A

regulation 30 (2)

OFFICIAL SEED SAMPLE ANALYSIS FORM
(In accordance with the Seeds and Plant Act, 2006)

1. Owner of sample and address.....
2. Location of the Farm/Firm/Store.....
3. Number of samples.....
4. Date of submission.....
5. Date of sampling.....sampled by.....
6. Weight of sample..... Quantity represented.....
7. Type of packing.....
8. Number of units.....
9. Label Numbers.....
10. Crop..... Variety.....
11. Class of seed Lot number.....
12. Condition of sample
 - *Clean/Uncleaned
 - *Treated/Untreated
 - *Fumigated/Unfumigated
 - *Shelled/unshelled
 - Chemical(s) used.....
 - Fumigant used.....
13. Remarks.....
14. Tests required -

Moisture content..... Purity.....

Germination..... Seed Health.....

15. Received by..... Date..... Test No. Alloted.....

Signature

Seed Sampler

Date.....

* Delete whichever is not applicable

FORM SR 14 B

regulation 31(1)

PRIVATE SEED SAMPLE ANALYSIS FORM
(In accordance with the Seeds and Plant Act, 2006)

1. Owner of sample and address.....
2. Location of the Farm/Firm/Store.....
3. Number of samples.....
4. Date of submission.....
5. Date of sampling.....sampled by.....
6. Weight of sample..... Quantity represented.....
7. Type of packing.....
8. Number of units.....
9. Label Numbers.....
10. Crop..... Variety.....
11. Class of seed Lot number.....
12. Condition of sample
 - *Clean/Uncleaned *Shelled/unshelled
 - *Treated/Untreated Chemical(s) used.....
 - *Fumigated/Unfumigated Fumigant used.....
13. Remarks

14. Tests required:

Moisture content.....Purity.....

Germination..... Seed Health.....

15. Received by..... Date..... Test No. Alloted.....

Signature

Date.....

* Delete whichever is not applicable

FORM SR 15A

regulation 33(1) (b)

OFFICIAL SEED TEST RESULTS CERTIFICATE
(In accordance with the Seeds and Plant Act, 2006)

											TEST NUMBER	
Lot Number:												
Crop species and Variety:							Weight of Lot:					
Country of Origin:											(As stated by Seed Inspector)	
RESULTS OF THE ANALYSIS												
PURITY				GERMINATION CAPACITY (G)							PxG 100	
Pure Seed	Inert Matter	Other Crop Seeds	Weed Seeds	1st Count		Final Count		Hard	Fresh ungerminated	Remainder		Moisture
%	%	%	%	Days	%	Days	%	%	%	%	%	%

* incl.....% abnormal sprouts of which% broken germs

NOTE: Marketable/Not marketable

.....
Official Seed Tester
 Date.....

Special Test

National Seed Testing Laboratory
 Copies to:
 1. Seed Dealer/Merchant
 2. Laboratory File

Any inquiries concerning this test must quote the test number

VALIDITY OF THIS CERTIFICATE IS AS SPECIFIED IN SECTION 35OF THESE REGULATION

FORM SR 15B

regulation 33(1)(b)

PRIVATE SEED TEST REPORT

(In accordance with the Seeds and Plant Act, 2006)

											TEST NUMBER	
Lot Number:												
Crop species and Variety:							Weight of Lot:					
Country of Origin:											(As stated by Sender)	
RESULTS OF THE ANALYSIS												
PURITY				GERMINATION CAPACITY (G)							$\frac{PxG}{100}$	
Pure Seed	Inert Matter	Other Crop Seeds	Weed Seeds	1 st Count		Final Count		Hard	Fresh ungerminated	Remainder		Moisture
%	%	%	%	Days	%	Days	%	%	%	%	%	%

* incl.....% abnormal sprouts of which% broken germs

NOTE: Marketable/Not marketable

.....

Official Seed Tester

Date.....

Special Test

National Seed Testing Laboratory

Copies to:

1. Owner
2. Laboratory File

Any inquiries concerning this test must quote the test number

VALIDITY OF THIS CERTIFICATE IS AS SPECIFIED IN SECTION 35 OF THESE REGULATION

FORM SR 16

regulation 41(3)

APPLICATION FOR REGISTRATION AS A SEED DEALER/
AGENT/SUB- AGENT/STOCKIST
(In accordance with the Seeds and Plant Act, 2006)

To: The National Seed Certification Service

Applicant.....

Name and address of seed merchant/importer.....

I/We* hereby apply for a Seed Dealer's Certificate

Name and Address of Premises.....

.....

Sub-Parish.....Parish.....Sub County.....

District.....

Species to be sold.....

Storage facilities.....

Signature.....

Date.....

Delete whichever is not applicable.

FORM SR 17

regulation 41 (4)

SEED DEALER’S /AGENT/SUB- AGENT/STOCKIST CERTIFICATE
(In accordance with the Seeds and Plant Act, 2006)

SEED DEALER/AGENT/SUB-AGENT/STOCKIST

Certificate No.....

A Seed Dealer/ Agent/Sub-Agent/Stockist Certificate is hereby granted to-

Name.....

Address.....

For trading of seeds at.....

For the period as from..... to.....

The Certificate is subject to the following conditions and standards.

1. The seed must at all times meet minimum germination standards.
2. Sealed containers shall not be tampered with.
3. Seed will always remain in a cool dry storage condition with no direct sunlight.
4. Seed will be kept away from chemicals and such other substances injurious to the seed.
5. Upon registration, the Dealer/Agent/Sub-Agent/Stockist-
 - (a) shall renew the certificate upon expiry (valid for one year); or
 - (b) if not renewed for one year, the Dealer shall have to apply to renew.

Signature.....

National Seed Certification Service

Date.....

THE REPUBLIC OF UGANDA

FORM SR 18

regulation 41(8)

STOP SALE ORDER

(In accordance with the Seeds and Plant Act, 2006)

1. Merchant/Stockist.....
2. Address.....
3. The following seed lots are found to be in contravention of the Seed and Plants Regulations, 2015 -

<i>Species</i>	<i>Variety</i>	<i>Lot No.</i>	<i>No. of containers</i>	<i>Quantity(Kg)</i>	<i>Kind of violation</i>	<i>Sampled</i>	
						<i>Yes</i>	<i>No</i>

By this notice, you are ordered to hold these lots of seed intact, at.....
(place) until compliance with the Seed and Plant Act, 2006 has been achieved
and the seed has been released from this order.

Signature of seed inspector.....

Date.....

FORM SR 19

regulations 45(1)(b) & 46(1)(b)

APPLICATION FOR A SEED IMPORT/EXPORT PERMIT

(In accordance with the Seeds and Plant Act, 2006)

To: The National Seed Certification Service

I/We* hereby apply to import/export* the seeds as described below in accordance with the terms laid down in the Seeds and Plant Act, 2006 and the Seeds and Plant Regulations, 2016 made under.

1. Name of Applicant.....
2. Postal Address.....Tel No.....
3. National Seed Board Registration Number is.....
4. Location of the stores where the seeds will be kept after arrival/where the seed is being kept before export*.....
5. Quantities of Seed of the same variety held in stock.....
6. Name and address of Origin.....
.....
7. Particulars of the seed imported/exported

<i>Species</i>	<i>Variety</i>	<i>Category</i>	<i>Weight in Kg</i>

8. The Seed consignment shall be accompanied by-
 - (a) The Orange International (ISTA) Certificate;
 - (b) Import Permit; and

(c) Phytosanitary Certificate

Signature.....

Date.....

Recommendation by National Seed Certification Service -

- (i) The applicant is registered Seed Merchant/Importer/Conditioner.
- (ii) The Quantity of seed of the same variety held in stock is..... tons/Kgs.
- (iii) The source of importation is recommended/not recommended.
- (iv) The varieties intended for importation have been tested for adaptability in Uganda and found to be suitable or unsuitable.

Signature.....

Date.....

FORM 20

regulations 45(1)(b) & 46(1)(b)

SEED IMPORT/EXPORT PERMIT

(In accordance with the Seeds and Plant Act, 2006)

Permit No.....

Date.....

Permission is hereby granted to.....

Of.....

With Registration No.....to import from/export*
to..... the following seeds.....

<i>Species</i>	<i>Variety</i>	<i>Category</i>	<i>Weight in Kg</i>

Subject to the following conditions:

1. The consignment of seed shall be accompanied by-
 - (i) The Orange International (ISTA) certificate;
 - (ii) An Import Permit; and
 - (iii) Phytosanitary Certificate
2. The seeds shall not be distributed prior to the release of the results of samples unless with express permission of National Seed Certification Service or his or her agent.
3. Fulfillment of Commerce or Customs requirement and adherence to regulations pertaining to importation of seed.
4. Additional Conditions.....

.....

National Seed Certification Service.

*Delete whichever is not applicable

FORM SR 21

regulation 48 (3)

TRANSFER OF SEED UNDER INTER-AGENCY SEED CERTIFICATION
(In accordance with the Seeds and Plant Act, 2006)

SEED CERTIFICATION AGENCY NAME: ADDRESS:
--

Date of Seed Transfer.....
 Sample submitted prior to transfer Yes/No.....
 Seed Lot identification No.....

Seed Producer/Seller Name: Address:	Seed Conditioner/Purchaser Name: Address:
---	---

Crop:	Variety:	Class:	Year Grown:	Total Weight:
Field Report:				
Lot Numbers: <i>(As required by OECD certification scheme)</i>				

Stage of Conditioning	Seed Container information: (i) Type: Bulk/Workbags/Retail Bags (ii) If Bagged: (a) No. of bags..... (b) Weight/Kgs..... (c) Shipped on..... (d) Vehicle No.....
-----------------------	--

Seller's Declaration:

I hereby declare that the seed described on this transfer was produced under my name as the applicant for certification and that the fields were inspected and met the minimum field requirements for certification of the above named Seed Certification Agency

Signature..... *Date*.....

Purchaser's Transfer Limitation:

Eligibility for certification of the above described seed will be lost if ownership of the seed is transferred by the purchaser prior to completing certification.

SEED CERTIFICATION AGENCY DECLARATION:

According to certification records, the above information appears to be:

- (i) Accurate/Inaccurate
- (ii) Seed Transfer Approved: Yes/No

Signature..... *Date*.....

The Seed Certification Agency makes no guarantee of the seed documented above, and assumes no responsibility in connection therewith. The organization/applicant for certification is responsible for delivering seed from fields inspected in such a manner that varietal identity and purity of the seed are maintained.

Copies: White- Conditioner Yellow- Office Pink- Producer/Seller

FORM SR 22

regulation 51 (1)

**APPLICATION FOR ACCREDITATION OF SEED CERTIFICATION
SERVICE**

(In accordance with the Seeds and Plant Act, 2006)

To: National Seed Certification Service

Name of Applicant.....

Name of Employer.....

Location and address.....

Qualification and Experience.....

Scope of accreditation applied for -

- (a) Field crop inspection;
- (b) Seed sampling;
- (c) Seed testing;
- (d) Seed labeling,

NB: In seeking for accreditation of any of the above seed certification service, I shall abide by the conditions, as laid out in regulation 52.

Signature of Applicant.....

Date.....

FORM SR 23

regulation 51 (4)

**CERTIFICATE OF REGISTRATION FOR ACCREDITATION OF SEED
CERTIFICATION SERVICES**

1. Name of applicant.....
2. Address.....
3. Name of Institution.....
4. You have been granted accreditation to carry out the following seed certification services –
 - (a) Field crop inspections;
 - (b) Seed sampling;
 - (c) Seed testing; and
 - (d) Seed labeling

In carrying out any or all the above services, you shall abide by the conditions, as laid out in regulation 51.

Signature.....
National Seed Certification Service

Date.....

SCHEDULE 4

FEES

1. Field Inspection Fees (Ushs.)

<i>Crops under Certification</i>	<i>Minimum Fees per Lot (500 kgs)</i>	<i>Fees per 100kgs</i>	<i>Fees per 1,000kgs</i>
Inbred Maize	6,000	3,000	12,000
Hybrid Maize	6,000	3,000	12,000
OPV Maize	6,000	3,000	12,000
Wheat	6,000	3,000	12,000
Barley	6,000	3,000	12,000
Sorghum	6,000	3,000	12,000
Finger Millet	6,000	3,000	12,000
Bulrush millet	6,000	3,000	12,000
Potatoes	6,000	3,000	12,000
Hybrid Sunflower	6,000	3,000	12,000
OPV Sunflower	6,000	3,000	12,000
Beans	6,000	3,000	12,000
Groundnuts	6,000	3,000	12,000
Peas	6,000	3,000	12,000
Soybean	6,000	3,000	12,000
Vegetables	6,000	3,000	12,000

2. Sampling and Sealing Fees (Ushs.)

<i>Crops under Certification</i>	<i>Sampling & Lot Examination per 100kgs</i>	<i>Labeling & Sealing per 100kgs</i>	<i>Re- sampling of Seed Lots</i>		<i>Re- Sealing per 100kgs</i>
			<i>Min Per Lot</i>	<i>Per 100kgs</i>	
Inbred Maize	5,000	5,000	5,000	5,000	5,000
Hybrid Maize	5,000	5,000	5,000	5,000	5,000
OPV Maize	5,000	5,000	5,000	5,000	5,000
Wheat	5,000	5,000	5,000	5,000	5,000
Barley	5,000	5,000	5,000	5,000	5,000
Sorghum	5,000	5,000	5,000	5,000	5,000
Finger Millet	5,000	5,000	5,000	5,000	5,000
Bulrush millet	5,000	5,000	5,000	5,000	5,000
Potatoes	5,000	5,000	5,000	5,000	5,000
	5,000	5,000	5,000	5,000	5,000
Hybrid Sunflower	5,000	5,000	5,000	5,000	5,000
OPV Sunflower	5,000	5,000	5,000	5,000	5,000
Beans	5,000	5,000	5,000	5,000	5,000
Groundnuts	5,000	5,000	5,000	5,000	5,000
Cow Peas	5,000	5,000	5,000	5,000	5,000
Soybean	5,000	5,000	5,000	5,000	5,000

3. Sampling and Pre – Control of Imported Seeds Fees (Ushs.)

<i>Crops under Certification</i>	<i>Minimum Fees per Lot (500 kgs)</i>	<i>Fees per 100kgs</i>	<i>Fees per 1,000kgs</i>
Inbred Maize	6,000	3,000	12,000
Hybrid Maize	6,000	3,000	12,000
OPV Maize	6,000	3,000	12,000
Wheat	6,000	3,000	12,000
Barley	6,000	3,000	12,000
Sorghum	6,000	3,000	12,000
Finger Millet	6,000	3,000	12,000
Bulrush millet	6,000	3,000	12,000
Potatoes	6,000	3,000	12,000
Hybrid Sunflower	6,000	3,000	12,000
OPV Sunflower	6,000	3,000	12,000
Beans	6,000	3,000	12,000
Groundnuts	6,000	3,000	12,000
Peas	6,000	3,000	12,000
Soybean	6,000	3,000	12,000
Vegetables	6,000	3,000	12,000

4. Laboratory Seed Testing Fees (Ushs)

Crops under Certification	Purity, Germination & moisture content per sample	Re-Sampling & Re-Testing per sample	Seed Health per sample
Inbred Maize	6,000	5,000	5,000
Hybrid Maize	6,000	5,000	5,000
OPV Maize	6,000	5,000	5,000
Wheat	6,000	5,000	5,000
Barley	6,000	5,000	5,000
Vegetable seed	6,000	5,000	5,000
Oats	6,000	5,000	5,000
Grasses	6,000	5,000	5,000
Sorghum	6,000	5,000	5,000
Finger Millet	6,000	5,000	5,000
Bulrush millet	6,000	5,000	5,000
Potatoes	6,000	5,000	5,000
Hybrid Sunflower	6,000	5,000	5,000
OPV Sunflower	6,000	5,000	5,000
Safflower	6,000	5,000	5,000
Beans	6,000	5,000	5,000
Groundnuts	6,000	5,000	5,000
Peas	6,000	5,000	5,000
Soybean	6,000	5,000	5,000
Rape Seed	6,000	5,000	5,000

5. Registration Fees. (Ushs)

	Registration Fee	Renewal Fee
(a) Seed Merchant	1,000,000	200,000
(b) Seed Conditioner	1,000,000	200,000
(c) Seed Dealer/Agent	50,000	20,000
(d) Seed Stockist	10,000	

6. Variety testing Fees

(a) National Variety Performance	
Trial Testing	800,000/=
(b) DUS testing	350,000/=
(c) Variety Registration	100,000/=
(d) Seed Certification Labels	150/=

SCHEDULE 5

regulation 20(2)

THE REPUBLIC OF UGANDA

SEED CLASSES

CLASS OF SEED	COLOR OF LABELS
PRE-BASIC SEED	White with violet diagonal stripe
BASIC SEED	White
CERTIFIED SEED (1ST GENERATION CERTIFIED SEED)	Blue
CERTIFIED SEED (2ND GENERATION CERTIFIED SEED)	Red
STANDARD SEED	Yellow
QUALITY DECLARED SEED(QDS)	Green
PARTIALLY CERTIFIED SEED (IN TRANSIT)	Grey

SCHEDULE 6

regulations 39(1), 41(6)

THE REPUBLIC OF UGANDA

FIELD AND LABORATORY SEED STANDARDS

A. FIELD INSPECTION STANDARDS

1. Land Requirement, Minimum Isolation distances (m), off types and other cultivars permissible (%) –

<i>Species</i>	<i>Minimum previous Cropping season</i>	<i>Minimum Isolation (meters)</i>			<i>Off types and/or other cultivars</i>		
		<i>PB</i>	<i>BASIC</i>	<i>CERT</i>	<i>PB</i>	<i>BASIC</i>	<i>CERT</i>
CEREALS							
Maize (OPV)	*1	400	**400	**200	0	0.1	0.5
Maize hybrid	*1	400	**400	**200	0	***0.1	****0.2
Sorghum (OPV)	1	400	400	200	0	0.2	0.5
Sorghum hybrid	1	400	400	200	0	0.2	0.4
@Rice (varieties)	1	10	5	5	0	0.01	0.2
Rice (hybrid)	2	200	200	100	0	0.01	0.1
Bulrush millet	400	400	200	0	0	20	
Finger millet	1	10	5	2	0.1	0.1	0.6
Pearl millet	1	400	400	200	0	0.2	0.5
@Wheat	1	10	10	5	0	1/100m ²	3/100m ²
Barley	1	10	10	4	0.1	0.1	0.6
PULSES							
Beans	1	10	10	5	0	1/30m ²	1/10m ²
Soybeans	1	10	10	5	0	1/30	1/10
Cow peas	50	50	25	0	0	2	
OIL CROPS							
Groundnuts	1	20	10	5	0	0.1	0.2
Sunflower (OPV)	1	2.5 km	2.5 km	1.5km	0	0.1	0.1
Sunflower hybrid	1	2.5km	2.5km	1.5km	0	0.1	0.1
Sesame	20	10	5	0	0	0.5	

ROOT AND TUBER CROPS				Maximum number per 1,000 plants			
Cassava	2	5	5	5	0	0.5%	1%
Cassava- Maximum permitted ratoon	0	0	1				
Irish potato	B5*, C3*	10	10	5	0	1/100m ²	2/100m ²
FIBER CROPS							
Cotton (OPV)	2	800	100	100	0	0.2	0.3
Cotton hybrid	2	800	800	800	0	0.3	0.5

Note: * Not required if volunteer plants are removed through irrigation/rainfall.

** Time isolation may replace distance isolation. Rows of male plants can reduce distance isolation.

***The number of female parent plants that have either shed pollen or are shedding pollen exceeds 0.5 percent at any one inspection, or the total number of female parent plants that have either shed pollen or are shedding pollen exceeds 1 percent for the three inspections carried out on different dates. OR

****The number of female parent plants that have either shed pollen or are shedding pollen exceeds 1 percent at any one inspection, or the total number of female parent plants exceeds 2 percent at three inspections carried out on different dates.

@ The minimum number of inspections for these crops is 2 (Basic and C1)

For other crops, the minimum number of inspections is 3(Basic and C1)

ADDITIONAL FIELD STANDARDS

Cassava stems cutting quality standards

Minimum cutting length	30cm B and C
Minimum number of live nodes	5 B and C
Minimum diameter	3cm all (B and C)
Skin injury/scar/damage	15% B and C

2. Inspection shall be done for the following diseases

<u>CROP</u>	<u>DISEASE</u>	<u>TOLERANCE</u>
(a) Maize	Head smut (<i>Sphacelotheca reiliana</i>) Common Smut (<i>Ustilago maydis</i>) Loose smut (<i>Sporisorium cruentum</i>)	Nil during any inspection Nil during any inspection Nil at final inspection
(b) Wheat	Bunt (<i>Tilletia foetida</i>) 0(Basic) Ustilago nudo Loose smut 1/100m ² Basic and C1 <i>Tilletia barclayana</i> (<i>Kernel bunt</i>) 0 (Basic), 1/100m ² C1	1 head per 100sq.m.
Barley	Loose smut (<i>Ustilago spp</i>) Ear cockle	1 head per 100 sq .m. 1 plant per 100sq. m.
Oats	Loose smut (<i>Ustilago spp</i>)	1 head per 100 sq .m.
Triticale	Ergot (<i>Claviceps spp</i>)	1 head per 100 sq. m.
**	Covered smut (<i>Ustilago hordei</i>)	1 head per 100 sq. m.
(c) Sorghum	Covered smut (<i>Sphacelotheca sorghi</i>) Bunt <i>Sphacelotheca cruenta</i> Mildew (<i>Perenosclerospora sorghi</i>)	1 plant per 1,000 plants Basic seed, 2 plants/1,000 (C1 and C2) 1 plant per 1,000 plants Basic seed, 2 plants/1,000 (C1 and C2) Basic seed 1 plant/ 1,000, 2 plant per 1,000 plants (C1 and C2)
	Head smut (<i>Sporisorium relianum</i>)	Basic seed 1 plant/1,000, 2 plant per 1,000 plants (C1 and C2)
(d) Beans	Halo blight (<i>Pseudomonas phaseolicoli</i>) Anthracnose (<i>collelotrichum lindemuthianum</i>)	BS 0%, 0.05% C1, C2 during final inspection 0.02% for Basic, C1 and C2

Bean common mosaic virus	0%BS, 0.1% C1, C2 during final inspection
Common blight (<i>Xanthomonas phaseoli</i>) 0%	BS, 0.2% C1, C2 at final inspection
<i>Pseudomonas syngae pv.syringae</i>	Bacterial canker 0%BS, 0.05% C1.
<i>Phaeoisariopsis griseola</i> Angular bean leaf spot	0.02%BS, 0.05% C1
<i>Aschocyta leaf spot</i>	Nil during final inspection
(e) Cowpeas Leaf spots (<i>Ascochyta spp.</i>)	Nil during final inspection
Pod spots (<i>Mycosphaerellapinodes</i>)	Nil during final inspection
Bacteria (<i>xanthomonasvignicola</i>) blight	Nil during final inspection
(f) Soybea Bacterial blight (<i>Pseudomonas spp.</i>)	Nil during final inspection
Bacterial pustule (<i>Xanthomonas phaseoli</i>)	Nil during final inspection
Soybean Mosaic Virus (SMV)	0 BS, 0.02 C1 and C2
<i>Cercospora kikuchi</i> -Purple stain	2.5 B and C
(g) Sunflower Sclerotinia wilt & Head rot (<i>sclerotiniaScleroioruum</i>)	Nil at final inspection
<i>Verticillium wilt (Verticilliumdahliae)</i>	Nil at final inspection
Botrytis head rot /Grey mould (<i>Botrytis cinerea</i>)	Basic seed (0.5%), 1% C1 and C2
Downy mildew (<i>Plasmopara halstedii</i>)	Basic seed (0), 0.2% C1
<i>Alternaria helianthi</i>	Basic seed (0), 0.2% C1
(h) Groundnuts Rossette (<i>Alphisdnutsraccivoa</i>)	Basic 1/1000 plants, 5 plants per 1,000 plants for 5/1000 plants for C1 and C2
<i>Ralstonia solanacearum</i>	Nil at final inspection

	Bacterial wilt (<i>Pseudomonas solanacearum</i>)	5 plants per 1,000 plant C1 and C2 Basic seed- Nil
(i) Finger millet	Blast (<i>Piriculariagrisea</i>) Ergot (<i>Claviceps</i> spp.)	1 plant per 100 sq.m 1 plant per 100 sq.m
(j) Rice	Blast (<i>Piricularia oryza</i>) False smut (<i>Ustilagoideavirens</i>) Kernel smut (<i>Tilletiabarclayana</i>) Ergot (<i>Claviceps</i> spp.) <i>Aphelenchoides besseyi</i> /White tip nematode	1 plant per 1,000 plants 1 plant per 1,000 plant 1 plant per 1,000 plant 1 plant per 1,000 plants Nil
(k) Irish Potato	Bacterial wilt/brown rot (<i>Pseudomonas solanacearum</i>) Wart disease (<i>Synchytriumendobioticum</i>) Erwinia caratavora, Black leg Golden nematode (<i>Heteroderarostochiensis</i>) Ring rot (<i>Corynebacteriumsepeconicum</i>) Potato spindle viroid Mycoplasma	Nil during any inspection Nil during any inspection Nil during any inspection Nil during any inspection Nil during any inspection Nil during any inspection 1/1,000 plants during any inspection

	<u>SS</u>	<u>PB</u>	<u>B</u>	<u>C1</u>
Per Thousand Plants				
Black leg (<i>Erwiiniaspp.</i>)	0	0	0	0
Severe virus disease				
(Leafroll, Y- group virus, severe mosaic)	0	0	0.3	2
PVY	0	0	0.1	1
Fusarium wilt,	0	0	0	2/1000
Verticillium wilt	0	0	0	0.5
Nematodes				
(<i>Meloidogyne</i> spp. and <i>Ditylenchus</i>)	0	0	0	0

Tuber size	Basic	Certified
Small 28-35mm	5 tubers/25kg bag	5 tubers/25kg bag
Medium 36-45mm	5 tubers/25kg bag	5 tubers/25kg bag
Large 46-55mm	5 tubers/25kg bag	5 tubers/25kg bag

Standards during storage

Streptomyce scabie, common potato scab	0.05	0.1
Maximum scab % of tubers per 50kg		
Spongospora subterranean, Powdery scab	0.2	0.1
Maximum scab 5 of tubers per 50kg bag		
Rhizoctonia solani, black scab (%)	0.1	1
Phtophthora erythroseptica, pink rot (%)	0	0.01
Erwin carotovoro, soft rot (%)	0	0
Tuber infested with live tuber moth larvae (%)	0.01	0.05
Misshaped and damaged (%)	0	0.02
Surface of tuber with presence of soil and Inert matter (% by weight))	1	1

*Minimum distance between seed field and commercial field to be determined by the NSA.

(l) Cotton

(m) Pearl millet

(n) Cassava Cassava mosaic disease Nil during any inspection
(African mosaic)

Xanthomonas axonopodis pv. Nill at any inspection
Manhotis
(Cassava bacterial blight)
Cassava brown streak virus disease Nil at any inspection

CROP WEED TOLERANCE

Wheat Wild oats (Avenafatua, Avenasterilis) Nil

Avena ludoviciana Nil

Barley	Thorn apple (<i>Datura stramonium</i>)	Nil
Triticale		
Sorghum	<i>Striga</i> spp. and <i>Orobanche</i>	Nil
Finger Millet	Wild oat	Nil
Maize	<i>Striga</i> spp.	Nil

HYBRID SEED PRODUCTION

MAIZE

- (a) detasseling of female plants shall be inspected at least three times during the detasseling period.
- (b) if 1% or more of the female plants have receptive silk and more than one per a hundred of them are shedding pollen at any one inspection visits, or more than two per a hundred cumulatively during three days of inspection (three inspection visits), then the crop shall be rejected.
- (c) If more than 50% of the female plants are silking and male plants are not shedding pollen in the field, then the field shall be rejected.
- (d) The seed crop adjacent to a rejected seed crop shall also be rejected if -
 - (i) the female plants shedding pollen in the rejected field exceeds either two per a hundred on any one inspection or four per a hundred or a combination of three visits;
 - (ii) the field crop shall have more than two per a hundred off types in its pollen parent;
 - (iii) the rejected neighboring crop has more than two smutted plants per hectare;
 - (iv) the neighboring seed crop adjacent to a rejected crop shall not be rejected if isolation is in accordance with these regulations; and
 - (v) all seed fields shall have eight male guard rows around the seed field.

SUNFLOWER

When 2% (certified 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 five plants per one thousand female pollen shedders (certified and above) or ten plants per one thousand female pollen shedders (certified).

B. FACTORY SEED PROCESSING STANDARDS

CROP	Screens**	Screenings	Grades	(bottom sieve mm) allowed%
Hybrid Maize	7.8		5	LF,LR,MR,MF,HP
OPV maize	6.75		5	LF,LR,MR,MF,HP
Wheat	2.2		5	LF,LR,MR,MF,HP
Barley	2.3		5	LF,LR,MR,MF,HP
Oats	2.0		5	LF,LR,MR,MF,HP
Triticale	2.0		5	LF,LR,MR,MF,HP
Potatoes	28.0 – 45.0 mm		5 tubers per 50 kg bag	1 st grade
	46.0 – 60.0 mm		5 tubers per 50 kg bag	2 nd grade

Key:

LF= Large flat grains LR= Large round grains MR= Medium round grains
MF= Medium flat grains HF= Hand planting

Note:

1. Maize

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

2. Wheat, Barley, Triticale -

(a) Mixtures with other crop seeds

A maximum of one seed per liter will be allowed in Pre-basic and Basic seed lots, and four seeds per liter for certified seed lots.

(b) Weed Seeds

A maximum of two seeds per liter will be allowed in Pre-basic and Basic seed lots, and four seeds per liter for certified seed lots. No seed of wild oats or Thorn apple or other noxious weeds shall be allowed.

(c) Damaged Seeds

(i) In Pre- Basic and Basic seed lots, a maximum of 5% of naked seeds and 5% of cracked seeds in barley shall be allowed, while for certified seed, the maximum will be 10 %.

(ii) In Pre- Basic and Basic seed lots, a maximum of 5% of all discolored seeds e.g. blue pointed seeds(germ end) and 5% of insect damaged seeds shall be allowed, while for certified seed, the maximum will be 10 %.

(d) Sprouted Seeds

In Pre- Basic and Basic seed lots, a maximum of 5% short sprouts and 2% long sprouts will be allowed, while a maximum of 10% short sprouts and 5 % long sprouts will be allowed in certified seed lots.

(e) The combination of the factors mentioned in (c) and (d) above shall not exceed 5% for basic seed (and above) and 10% for certified seed.

3. Sunflower

(i) Mixtures with other varieties- maximum of 2 seeds per liter allowed.

- (ii) Seeds with cracked seed coat – maximum of 5% allowed; and
- (iii) Noxious weed seeds e.g. *Datura* sp. – none will be allowed.

4. Beans, Peas, cowpeas, groundnuts and Soybean

- (a) Mixture with other crop seeds – none allowed in Pre- basic and basic seed while a maximum of one seed per litre of clearly distinguishable other bean seeds will be allowed for certified seed, but seeds 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- colored beans, beans with cracked skin, broken beans, under-size seeds etc. – maximum 3 % allowed.

5. Sorghum, Bulrush millet and Finger millet-

- (a) Mixtures with other crop seeds – none will be allowed in Pre- Basic and Basic seed lots, and two seeds per liter in certified seed lots.
- (b) Weed seeds – A maximum of two seeds per liter will be allowed in Pre- Basic and Basic seed lots, while four seeds will be allowed in certified seed lots. Seed of wild oats, thorn apple, striga, orobanche or other noxious weeds shall not be allowed.

6. Irish Potato

The following diseases or abnormalities will be permitted up to the stated tolerances

Disease/Abnormality	Tolerance (tubers per 50 kg bag)	
	Basic	Certified
Scab (<i>Streptomyces</i> sp.)	25%	50%
Spongoporasubterranea (No more than 59% tuber covered)		
Rhizoctonia (<i>Rhizoctoniasolani</i>)	10%	30%
Pink rot (<i>phytophthora</i> crithroseptica)	0%	1%
Soft rot (<i>Erwinia</i> spp.)	0%	1%
Severe tuber moth	2%	5%
Mis-shapen and damaged tubers	0%	5%

7. Maximum Weight of Lots

Generally, the following shall be the maximum weights which constitute a seed lot

- for seed whose size is less than that of *Triticum* spp. (2.2 mm)- 10,000 kgs;
- for seed whose size i.e. equal to or larger than that of *Triticum* spp. (2.2mm) 25,000 kgs, and
- in case of maize – 40,000 kgs.

C. LABORATORY SEED TESTING STANDARDS (PURITY, GERMINATION, MOISTURE CONTENT OTHER CROPS SEEDS)

Crop	Minimum Purity (%)		Maximum Other Crop seed (%) number	Minimum Germination (%)		Maximum moisture content (%)	
	Basic	Certified		Basic	Certified	Basic	Certified
CEREALS							
Maize (OPV)	99	99	1	90	90	13	13
Maize hybrid	99	99		80	90	13	13
Sorghum	98	98	2	80	80	12	12
Sorghum hyb.	99	98		80	80	12	12
Finger Millet	98		2	80		11	
Pearl millet	98	98		75	80	12	13

Bull rush Millet	98		2	80		13	13
Rice (OPV)	98	98	1	80	80	11	13
Rice hybrid	99	98		70	80	11	13
Wheat	99	99	1	85	85	13	13
Barley	99		1	85		13	
PULSES							
Beans	99		1	75	80	14	14
Broad beans	99	1	80	13			
Chickpeas	99	1	80	13			
Dolichos Beans	99	1	80	13			
Peas	99	1	80	13			
Pigeon Pea	99	1	80	13			
Common Vetch	98	2	75	12			
French beans	99		1	80		13	
OIL CROPS							
Groundnuts	98	98	2	75	75	10	10
Sunflower (OPV)	99	99	1	80	85	10	10
Sunflower hybrid	99	99		80	85	10	10
Soybeans	99	99	1	75	75	12	12
Oil Seed Rape	99	1	85	10			
Safflower	99	1	75	10			
FIBER CROPS							
Cotton (OPV)	99	99	2	70	75	10	10
Cotton hybrid	99	99		70	75	10	10
Flax	98	2	80	10			
Kenap	98	2	75	10			
VEGETABLES							
Amaranthus	98	2	75	9			
Artichoke	98	2	75	9			
Asparagus	96	4	70	9			
Broccoli	97	3	75	10			
Brussel sprouts	97	3	75	10			

Cabbage	97	3	75	10			
Carrots	95	5	75	9			
Cauliflower	97	3	75	10			
Celery	97	3	75	10			
Chicory	95	5	75	10			
Collards	97	3	75	10			
Chinese cabbage	97	3	75	10			
Cucumber	98	2	80	9			
Eggplant	96	4	75	10			
Gourds	97	3	75	9			
Leek	97	3	75	8			
Lettuce	95	5	75	11			
Okra	98	2	75	11			
Onion	97	3	70	10			
Parsley	97	3	75	9			
Parsnip	97	3	75	10			
Pepper	97	3	75	9			
Pumpkin	98	2	70	9			
Courgette	98	2	75	9			
Radish	97	3	75	8			
Rutabaga	98	2	75	10			
Spinach	97	3	70	11			
Squash	98	2	70	11			
Tomato	97	3	75	9			
Turnip	98	2	75	10			
Water melon	98	2	75	9			

GRASSES				
Blue stem grass	40		30	12
Buffel grass	40		30	12
Paspalm	40		30	12
Setaria	40		30	12
Rhodes grass	40		30	12
Sudan grass	40		30	12
Congo signal	40		30	12
Guinea grass	40		30	12
Bermuda grass	40		30	12
PASTURE LEGUMES				
Centro	98	2	70	
Stylo	97	3	70	
Desmodium	95	5	70	
Clover	98	2	75	
Lucerne	98	2	75	
Siratro	98	2	80	
Glycine	97	3	70	

HON. VINCENT SEMPIIJA,
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