

GOVERNMENT OF ZAMBIA

STATUTORY INSTRUMENT NO. 23 OF 2018

The Plant Variety and Seeds Act
(Laws, Volume XIV, Cap. 236)**The Plant Variety and Seeds Regulations, 2018**

ARRANGEMENT OF REGULATIONS

Regulation

1. Title
2. Interpretation
3. Certifying of Authority
4. Licensing of Certifying Agency
5. Prescribed seeds
6. Certification of Seed
7. Sale of seed
8. Declaration of seed quality
9. Registration as seed grower
10. Late registration
11. Evidence of class of seed grown
12. Field inspections
13. Licence for seed inspectors
14. Licence for seed sampler
15. Licence for seed analyst
16. Licence for seed testing
17. Licence for seed processing
18. Licence for seed sellers
19. Suspension or revocation of licences
20. Reinstatement of licences and reapplication for licences
21. Sampling of seed
22. Testing of Seeds
23. Official seed testing station
24. Licensed seed testing station
25. Control growing
26. Virus post control
27. Tuber control
28. Grading of potato seed
29. Packaging of seed

*Copies of this Statutory Instrument can be obtained from the Government Printer,
P.O. Box 30136, 10101 Lusaka. Price K44.00 each.*

30. Labelling of seed
31. Sealing of seed
32. Storing of seed
1. 33. Validity of certification and quality declaration
34. Importation of seed
35. Release of plant variety
36. Variety Release Committee
37. Functions of Variety Release Committee
38. Term of Office
39. Variety Release Committee meetings
40. Functions of Secretariat of Variety Release Committee
41. Application for variety pre-release
42. Requirements for pre-release
43. Duration for official variety testing
44. Application for variety release
45. Requirements for release
46. Rules for denomination of varieties
47. List of varieties
48. Fees
49. Appeals
50. Revocation of S.I. No. 133 of 1984 and S.I. No. 67 of 1988

SCHEDULES

- | | | |
|------------------|---|--|
| FIRST SCHEDULE | - | Prescribed forms |
| SECOND SCHEDULE | - | Prescribed seeds |
| THIRD SCHEDULE | - | Seed for compulsory certification |
| FOURTH SCHEDULE | - | Seed certification scheme |
| FIFTH SCHEDULE | - | Seed quality standards |
| | - | Certified seed |
| | - | Quality declared |
| | - | Lists for the provision of prereleased Varieties |
| SIXTH SCHEDULE | - | Composition of the Variety Release Committee Members |
| SEVENTH SCHEDULE | - | Prescribed fees |

IN EXERCISE of the powers contained in sections 35 and 84 of the Plant Variety and Seeds Act, the following Regulations are made:

- | | |
|--|----------------|
| 1. These Regulations may be cited as the Plant Variety and Seeds Regulations, 2018. | Title |
| 2. In these Regulations unless the context otherwise requires: | Interpretation |
| “agricultural value” means the agronomic attribute of a variety; | |
| “analytical purity” means the percentage by weight of pure seed determined by physical purity analysis; | |
| “Association” means the International Seed Testing Association (ISTA); | |
| “authentic sample” means a quantity of seed of a variety which exhibits defined habits and characteristics as originally submitted by the applicant; | |
| “Certifying Agency” has the meaning assigned to the word in the Act; | |
| “Certifying Authority” has its meaning assigned to the words in the Act; | |
| “control growing” means the growing of plants to determine cultivar purity, disease infection and other factors; | |
| “Controller of Seeds” means the Public officer appointed under the Act; | |
| “cultivar” means subdivision of any species of seed which can be distinguished from another subdivision of that species by means of growth, plant, fruit or other characteristics; | |
| “cultivar purity” means the percentage by number of seeds or plants found to be truetotype under laboratory, field or control growing examination; | |
| “defect index” means a figure giving the disease, pest or other physical conditions of a growing crop, a control growing crop or a potato seed lot, taking into consideration the frequency and severity of the defects; | |
| “defect test” means a test carried out to determine the percentage by weight of broken, insect damaged, diseased or shrivelled seeds; | |
| “distinctness, uniformity and stability test” means a test for distinctness, uniformity and stability of variety; | |
| “eligible variety” means an officially released variety; | |

- “field inspection” means an inspection for a seed field standards as part of a seed certification programme;
- “germination capacity” means the percentage by number of pure seed which in the course of a germination test have produced normal seedlings;
- “genetic purity” means the percentage by number of a seed or plant found to be true to genotype under laboratory, field or control growing examination;
- “hybrid” means a plant which grows from a seed produced as a result of controlled crossing between two or more genetically unlike parents;
- “inbred line” means a pure line developed by self pollination and selection until homozygous plants are obtained;
- “Institute” means the Seed Control and Certification Institute of Zambia;
- “isolation” means the required distance in space or time between two crops of the same species or between two crops of very closely related species to prevent contamination either mechanically or by pollination;
- “licensed seed inspector” means a person licensed by the Controller of Seeds to inspect seed;
- “licensed seed sampler” means any person licensed by the Controller of Seeds to sample seed;
- “licensed seed testing laboratory” means a premises licensed by the Controller of Seeds to test seed;
- “list of specified varieties” means an official list of varieties that have been approved by the Variety Release Committee for certification purposes;
- “modified inbred line” means an improved inbred line with at least one superior trait incorporated while maintaining its original phenotypic characteristics;
- “noxious weed” means weed species declared Cap. 231 noxious by the Noxious Weeds Act;
- “official seed analyst” means a government seed analyst;
- “official seed inspector” means a government seed inspector;
- “official seed sampler” means a government seed sampler;
- “official seed testing laboratory” means a government seed testing station;
- “official released variety” means a variety approved and registered by the Variety Release Committee and may be multiplied for seed;

- “offtype plant” means a plant which does not exhibit the recognised and accepted habits and characteristics of the cultivar being grown;
- “open pollinated” means variety that is reproduced by means of un-controlled cross pollination in isolation;
- “parent seed” means general seed of any of the classes specified in the Third Schedule which may be used to produce seed under these regulations;
- “prerelease” means the official authorisation for the official testing of a new variety;
- “prescribed seeds” means the prescribed seed specified in the Second Schedule;
- “purity” means the percentage by weight of pure seed as determined by physical purity analysis;
- “quality declared seed” means a class of seed produced within the framework of the seed certification scheme by a registered seed grower under Regulation 8;
- “QDS” means quality declared seed;
- “release” means the official authorisation for the multiplication of a new variety;
- “seed” means any plant, plant material or plant part which is used for plant propagation;
- “seeds” means prescribed seeds specified in the First Schedule;
- “seed certification” means a system for quality control of seed;
- “seed grower” means any person or organisation registered by the Controller of Seeds to produce seed for sale under Regulation 9 and seed producer shall be construed accordingly;
- “seed importer” means any person or organisation importing seed into Zambia for re sale or planting;
- “seed lot” means a specified quantity of seed, which is homogenous and physically identifiable;
- “seed processing” means the activity carried out to improve the condition of the seed, which may include cleaning, grading, treating;
- “seed sampler” means a person authorised by the Controller of Seeds to sample seeds under Regulation 14;
- “seed seller” means any person or organisation selling seeds under Regulation 18;

“seed testing station” means premises referred to under Regulation 22;

“self pollinated variety” means a variety that is reproduced by means of self pollination;

“stability” means occurrence of essential characteristics in a variety after repeated reproduction;

“stake” means a stem cutting;

“tuber control” means the examination of potato tubers for the defects specified out in Part 2 of the Fourth Schedule;

“uniformity” means the resemblance, within tolerance, in major characteristics of individual plants within a variety;

“value for cultivation and use” means agricultural and produce value of a variety;

“Avariety” means a subdivision of a crop of seed which can be distinguished from other subdivisions of that crop by means of plant, fruit or other characteristics;

“varietal purity” means the percentage by number of seed or plants found to be true to type;

“vegetatively propagated variety” means a variety that is reproduced using the vegetative parts of the plant;

“village” means rural community or place where seed services are not easily available or accessible;

“vine” means a sweet potato stem cutting;

“volunteer plant@ means a growing plant of the same species as that being grown for seed which has not been specifically planted in the place where it is growing; and

“weed plant” is a plant which is not of the same species as the crop being grown, and which is generally considered as a weed.

Certifying
Authority

3. (1) The Institute shall conduct variety assessment, seed testing and seed inspections.

(2) The Institute shall monitor personnel and institutions licensed under this Act.

(3) The Institute shall monitor seed trade and register seed companies operating within the Republic.

Licensing of
Certifying
Agency

4. (1) An institution that intends to be licensed as a Certifying Agency shall apply to the Controller of Seeds in Form 1 set out in the First Schedule.

(2) The Controller of Seeds shall, where the Controller of Seeds approves an application, issue a licence in Form II set out in the First Schedule.

(3) The Controller of Seed shall, where the Controller of Seed rejects an application for a licence, inform the applicant of the rejection in Form III as set out in the First Schedule.

5. The seeds set out in the Second Schedule shall be prescribed seed for the purposes of the Act.

Prescribed seeds

6. (1) A person shall not deal in the seed set out in the Third Schedule unless that seed has been certified by the Certifying Authority or a Certifying Agency.

Certification of seed

(2) A seed shall not be certified unless it has been produced, inspected, sampled, tested and complies with the standards set out in the Fifth Schedule.

(3) A seed shall be certified in seven classes as specified in Fourth Schedule.

(4) The Variety Release Committee shall approve a cultivar for certification.

(5) A cultivar is not eligible for certification if it has not been approved by the Variety Release Committee.

(6) A seed which contains a noxious weed or noxious ergot is not eligible for certification.

7. (1) A person shall not offer seed for sale unless the seed has been certified under Regulation 6.

Sale of Seed

(2) The species of seed set out in the Third Schedule shall not be offered for sale unless it has been certified.

8. A seed whose quality conforms to the standards set out in the Fifth Schedule shall be a declared seed.

Declaration of seed quality

9. (1) A person who intends to grow seed shall apply for registration as a seed grower in Form IV as set out in the First Schedule on payment of the fee set out in the Seventh Schedule.

Registration as seed grower

(2) An application shall not be approved in respect of land on which during the preceding season other cultivars of the same crop or other closely related crops have been grown, and in the case of potato where during the preceding three years potatoes or other Solanaceous crops have been grown.

(3) The Controller of Seeds shall, on registration of a person as a registered seed grower, furnish the applicant with a certificate of registration in Form V set out in the First Schedule.

(4) Unless the Controller of Seeds decides otherwise, only one cultivar of the same species shall be permitted on the same farm.

(5) The registered seed crop shall not exceed the approved hectareage by more than ten percent.

(6) Where a registered seed crop exceeds the approved hectareage under subregulation (5), the excess amount shall be destroyed without compensation, immediately on the order of an authorised seed inspector.

(7) The Controller of Seeds shall keep a register of registered seed growers.

(8) A seed grower shall plant the appropriate parent seed for the production of that grower's registered seed class and shall keep a record of that parentage including certification labels that may be sufficient to satisfy the requirements specified in Form V set out in the First Schedule.

(9) A person who intends to be a seed grower shall register a seed crop not later than 15th October in every year for rain-fed crops and not later than 31st March in every year for irrigated crops.

(10) In case of cotton, seed production shall be registered in zones as designated by the Certifying Authority.

Late
registration

10. (1) A fee for late registration specified in the Seventh Schedule shall be imposed for seed crops registered after the deadline set under regulation 9(9).

(2) An application received after two weeks of the deadline stated under subregulation (1) shall not be accepted.

Evidence of
class of seed
grown

11. (1) A grower shall plant the class of seed appropriate for the grower's production and shall retain such evidence of that class as may be sufficient to satisfy the requirements specified in Form V set out in the First Schedule.

(2) A seed produced under Class A Quality declared seed shall be produced from a quality declared seed or higher class as specified in the Fourth Schedule.

(3) The Controller of Seeds may from time to time approve planting material not of a class prescribed in the Third Schedule to be used as parent seed for production of seed under these Regulations.

Field
inspections

12. (1) A seed inspector shall conduct field inspection for the purpose of certification.

(2) A seed inspector conducting a field inspection shall refuse to certify a crop if that inspector is satisfied that—

- (a) the crop is heavily contaminated with weeds, other species, disease or insects, so as to render the crop unfit for seed or make inspections impracticable;
- (b) in the case of blights in potatoes, the infection is approximately fifty percent except that the inspector may certify the crop for seed if the crop is ready for harvest, and the haulms are destroyed within seventy-two hours of the inspection;
- (c) the isolation distance or the standards relating to offtypes or other cultivars, set out in the Fifth Schedule have not been complied with;
- (d) for hybrids of maize, sorghum and sunflower there are more than three pollinating females per thousand plants, and in the case of potato, the defect index exceeds the value prescribed in the Fifth Schedule for class B; or
- (e) the crop exceeds the approved and registered hectareage by more than ten percent.

(3) If a seed crop does not meet the standards

for the class it has been grown for non-hybrids, it may be approved in a lower class or rejected for certification if found to be of lower standard than that specified for 4th generation certified seed.

(4) A seed inspector shall for the purpose of certification, conduct the following minimum number of inspections:

- (a) for open pollinated, a minimum of three inspections, one of which shall be clearance for harvesting; and
- (b) for hybrids, a minimum of five inspections, three of which shall be during flowering.

(5) A seed inspector shall make a report of every field inspection in Form VI for general seeds and Form VII for potato seed, set out in the First Schedule, which shall be counter signed by the registered grower or that grower's representative.

13. (1) A person intending to inspect seed shall apply to the Controller of Seeds for a licence to inspect seed in Form VIII set out in the First Schedule on payment of the applicable fee set out in the Seventh Schedule.

Licence
for seed
inspectors

(2) A person shall not inspect seed without a licence to inspect seed in Form IX set out in the First Schedule.

(3) The Controller of Seeds shall issue a license to inspect seed where the Controller of Seeds is satisfied that the applicant has undergone appropriate training and qualifies to be a seed inspector.

(4) A licence to inspect seed shall—

(a) specify the conditions relating to the inspection of seed; and

(b) be valid for a period of twelve months.

(5) A licensed seed inspector shall be subject to supervision by the Certifying Authority and shall at all times maintain a level of performance satisfactory to the Controller of Seeds.

(6) The Controller of Seeds shall maintain a register of holders of licences to inspect seed.

(7) The minimum qualification for a seed inspector shall be the same as that for a government seed inspector.

Licence for
seed sampler

14. (1) A person shall not sample seed without a licence to sample seed in Form XI set out in the First Schedule.

(2) A person intending to sample seed shall apply to the Controller of Seeds for a licence to sample seed in Form X set out in the First Schedule upon payment of the applicable fee set out in the Seventh Schedule.

(3) The Controller of Seeds shall issue a licence to sample seed where the Controller of Seeds is satisfied that the applicant has undergone appropriate training to sample seed and qualifies to be a seed sampler.

(4) A licence to sample seed shall—

(a) specify the conditions relating to the sampling of seeds; and

(b) be valid for a period of twelve months.

(5) A licensed seed sampler shall be subject to supervision by the Certifying Authority and shall at all times maintain a level of performance satisfactory to the Controller of Seeds.

(6) The Controller of Seeds shall maintain a register of holders of licences to sample seed.

(7) The minimum qualification for seed sampler shall be the same as that for a Government seed sampler.

Licence for
seed analyst

15. (1) A person shall not analyse seed without a licence to analyse seed in Form XIII set out in the First Schedule.

(2) A person intending to apply for a licence to analyse seed shall apply to the Controller of Seeds in Form XII set out in the First Schedule upon payment of the applicable fee set out in the Seventh Schedule.

(3) The Controller of Seed shall issue a licence to analyse seed where the Controller of Seeds is satisfied that the applicant has undergone appropriate training to analyse seed and qualifies to be a seed analyst.

(4) A licence to analyse seed shall—

(a) set out the conditions relating to analysis of seed; and

(b) be valid for a period of twelve months.

(5) A licensed seed analyst shall be subject to supervision by the Certifying Authority and shall at all times maintain a level of performance satisfactory to the

Controller of Seeds.

(6) The Controller of Seeds shall maintain a register of holders of licences to analyse seed.

(7) The minimum qualifications for seed analysts shall be as that for Government seed analyst.

16. (1) A person or organisation shall not test seeds without a licence to test seed in Form XV set out in the First Schedule.

Licence for
seed testing

(2) A person intending to apply for a licence to test seed where shall apply to the Controller of Seeds in Form XIV set out in the First Schedule upon payment of the applicable fee set out in the Seventh Schedule.

(3) The Controller of Seed shall issue a licence to test seed where the Controller of Seeds is satisfied that the applicant has the ability and appropriate facilities to test seed.

(4) A licence to test seed shall be valid for a period of twelve months.

(5) A licensed seed testing laboratory shall be subject to supervision by the Certifying Authority and shall at all times maintain a level of performance satisfactory to the Controller of Seeds.

(6) The Controller of Seeds shall maintain a register of holders of licences to test seed.

(7) The Controller of Seeds or the Controller of Seed's representative shall inspect licensed seed testing laboratories and other related facilities.

17. (1) A person shall not process seeds without a licence to process seed as set out in Form XVII in the First Schedule.

License for
seed
processing

(2) A person intending to apply for a licence to process seed shall apply in Form XVI set out in the First Schedule upon payment of the applicable fee in the Seventh Schedule.

(3) The Controller of Seeds shall issue a licence to process seed where the Controller of Seeds is satisfied that the applicant has undergone the appropriate training and has the appropriate processing facilities to produce quality seed.

(4) A licence to process seed shall

(a) set out the conditions relating to the processing of seed; and

(b) be valid for a period of twelve months.

(5) A licensed seed processing plant shall be subject to supervision by the Certifying Authority and shall at all times maintain a level of performance satisfactory to the Controller of Seeds.

(6) The Controller of Seeds shall maintain a register of holders of licences to process seed.

(7) The Controller of Seeds or the Controller's representative shall inspect any processing premises.

Licence for
seed sellers

18. (1) A person shall not sell seeds without a seed seller's licence in Form XIX set out in the First Schedule.

(2) A person intending to apply for a seed seller's licence shall apply in Form XVIII set out in the First Schedule upon payment of the applicable fee set out in the Seventh Schedule.

(3) The Controller of Seeds shall issue a seed seller's licence where the Controller of Seeds is satisfied that the applicant has the ability, knowledge and appropriate facilities to maintain the quality of seed.

(4) A seed seller's licence shall—

(a) set out the conditions relating to the maintenance of the seed to be exposed for sale; and

(b) be valid for a period of twelve months.

(5) A licensed seed seller shall be subject to supervision by the Certifying Authority and shall at all times maintain a level of performance satisfactory to the Controller of Seeds.

(6) The Controller of Seeds shall maintain a register of holders of seed seller's licence.

(7) The Controller of Seeds or the Controller of Seeds representative shall enter and inspect any premises where seeds are kept for sale.

(8) A report of every seed warehouse inspection shall be made by the seed inspector in Form XX set out in the First Schedule, and shall be countersigned by the owner or the owner's representative.

19. A licence issued under these Regulations may be suspended or revoked by the Certifying Authority for a breach of the conditions set out in a particular licence.

Suspension
or revocation
of licence

20. (1) The holder of a suspended licence may apply to the Controller of Seeds for reinstatement of the licence.

Reinstatement
of licences
and re-
application
for licences

(2) A person may re-apply for a new licence where the existing licence has been revoked under Regulation 19 in accordance with these Regulations.

(3) The Controller of Seeds may reverse the suspension of the licence or grant a new licence where the Controller of Seeds is satisfied that the applicant will uphold the conditions of the licence.

21. (1) The sampling of seed lots shall be conducted in accordance with the Association rules in force at the time of the sampling.

Sampling of
seed
Act No. 6 of
2017

(2) A person may blend and bulk crops from different fields of the same origin, species and cultivar which have passed field inspections to constitute one seed lot under supervision of an official seed inspector.

(3) The seed shall be weighed using weights approved under the Metrology Act.

(4) A seed sampler who conducts the sampling shall submit that sample to the Controller of Seeds together with a report of the sampling in Form XXI set out in the First Schedule and countersigned by the applicant or the applicant's representative.

(5) A seed sample shall be collected at sealing and submitted to the Certifying Authority for laboratory tests for post control purposes.

(6) A seed lot which has been sampled in accordance with this Regulation may be moved from one place to another.

22. The testing of seed for the purposes of determining seed quality shall be done, either by an official seed testing station or at a licensed seed testing station.

Testing of
seeds

23. The official seed testing station shall—

- (a) be the main government seed testing laboratory;
- (b) monitor licensed seed testing laboratories in the country;
- (c) test seed in accordance with Association rules;
- (d) record the result of a laboratory seed test in Form XXII set out in the First Schedule and state whether the seed is marketable or not;

Official seed
testing
station

(e) test seed samples drawn from licensed seed testing station for monitoring purposes; and

(f) issue seed certificates.

Licensed
seed testing
station

24. (1) A licensed seed testing station shall—

(a) be housed in premises approved by the Controller of Seeds and equipped in accordance with requirements specified;

(b) be managed by a licensed seed analyst;

(c) test seed in accordance with Association rules;

(d) record the results of the seed test in Form XXII set out in the First Schedule;

(e) make available to the Certifying Authority every sample tested for random sampling as specified in the Association rules;

(f) state in the certificate whether the seeds are marketable and the category of the seeds;

(g) make records available for inspection by the Controller of Seeds at reasonable times;

(h) be subject to supervision by Certifying Authority; and

(i) at all times maintain a level of performance satisfactory to the Controller of Seeds in the tests which it undertakes.

(2) A change to approved premises shall not be made without prior approval of the Controller of Seeds to the accommodation or equipment of the station, except replacement of consumable stores.

Control
growing

25. (1) A seed lot which has been sampled and tested under these Regulations shall be control grown in

accordance with instructions issued by the Certifying Authority in line with international requirements.

(2) The Certifying Authority shall prepare a report on each control growing carried out under these Regulations in Form XXII for general seeds and Form XXIII for potato seeds set out in the First Schedule.

(3) Despite section 25 (1) and (2), control growing for all crops specified in the Fourth Schedule is compulsory.

(4) The Certifying Authority shall determine the percentage of seed-lots to be control grown for each crop and class.

Virus post
control

26. (1) A grower shall in respect of a potato crop intended for production of prebasic (S) or basic seed (SE), give notice to the inspector with information on the time that grower intends to destroy the haulms and lift potatoes in order to ensure that samples

may be taken for purposes of virus control growing before the potatoes are lifted .

(2) An inspector shall take a minimum of 500 tubers per field as samples for virus control growing in potatoes in the field after haulm destruction.

(3) The Certifying Authority shall determine possible virus in potatoes using serological methods or ocular inspection or both, and shall give the result as a percentage by the number of infected tubers.

(4) The Certifying Authority shall prepare a report on each virus pest control carried out under these Regulations in Form XXIV set out in the First Schedule.

27. (1) A seed grower shall present potato seed for tuber control— Tuber control

(a) not earlier than fourteen days and not later than nine months after it has been lifted; and

(b) in seed lots, not exceeding fifteen tonnes each.

(2) The Certifying Authority shall draw, from each lot presented for tuber control, at least ten primary samples of a minimum of fifty tubers each.

(3) The primary samples mixed together shall form the working sample to be examined.

(4) The Certifying Authority shall examine at least 500 tubers per seed lot.

(5) The Certifying Authority shall wash the working samples, and cut through all the tubers before they are examined.

(6) The Certifying Authority shall submit a report on each tuber control carried out under these Regulations in Form XXV set out in the First Schedule.

28. Potato seeds shall be graded in four sizes in accordance with the following specifications: Grading of potato seed

(a) small, between 30 40 millimeters;

(b) medium, between 41 50 millimeters;

(c) large, between 51 60 millimeters; and

(d) ungraded.

29. (1) A seed inspector shall cause certified seed lots to be securely packaged, closed and sealed in containers. Packaging of seed

(2) Where certified seed lots have to be repacked, the repacking shall be done only with the approval of and supervision by the Certifying Authority.

- Labelling of seed
30. (1) A seller of seed whose quality has been declared under these Regulations shall label each package of seed being offered for sale and that label shall state the species, cultivar, purity, percentage by weight, germination capacity percentage by number, seed class, certification number, lot number, date of test and warning test where the seed lot is treated.
- (2) The label shall be of a colour set out in the Third Schedule.
- Sealing of seed
31. An inspector or sampler of seed who seals or causes to be sealed a container shall submit a sealing report in Form XXI set out in the First Schedule.
- Storing of seed
32. (1) A person shall store seed both before and after certification in a manner satisfactory to the Controller of Seeds -
- (a) so as to avoid disease, infection and contamination;
 - (b) in buildings disinfected with a disinfectant approved by the Controller of Seeds; and
 - (c) in case of potatoes, in lots separate from ware potatoes and other potato seed lots.
- (2) Where a person stores potato seed in an open shed that person shall not, in addition to the provisions of subregulation (1), allow volunteer solanaceous or old sprouting potato tubers within fifty metres of that open shed.
- (3) Where an inspector determines that a potato seed has been stored contrary to the provisions of this Regulation that inspector may—
- (a) refuse certification; or
 - (b) in the case of potato seed which has been certified, cancel such certification.
- Validity of certification and quality declaration
33. (1) The validity of certification or quality declaration shall—
- (a) be nine months for cereals, pulses, oil crops, fibre crops and root crops;
 - (b) be twelve months from the date of completion of testing the seeds for herbage grasses and legumes, vegetables and stimulant crops;
 - (c) for potato seed, be two months from the date of tuber control before or after the expiry of a certificate;
 - (d) for cassava if the seed crop is still in the field, be every two months up to the age limit not exceeding 18 months from date of planting after first ratooning, unless ratooned; and

(e) for sweet potato, if the seed crop is still in the field, not exceeding two months from the date of planting and two months from the date of the previous harvest for a ratooned crop.

(2) The cassava and sweet potato planting material can not be re-validated, once harvested.

34. (1) A person shall not import seed for sale—

Importation
of seed

(a) without a valid seed seller's license;

(b) unless a seed import permit has been submitted to the Certifying Authority in Form XXVI set out in the First Schedule; and

(c) if the seed does not comply with the minimum standards set out in the Fifth Schedule.

(2) A seed import permit shall refer to one seed lot of a given species and cultivar.

(3) The importer of seed shall notify the Certifying Authority about the arrival of the consignment to facilitate sampling for the purpose of checking its quality and trueness to type.

(4) Trueness to type shall be compulsory to all crops.

(5) The Controller of Seeds may—

(a) regulate the certification of imported seed lots; or

(b) restrict the importation of a species and cultivar of seed.

35. (1) A plant variety shall be released in Zambia if—

Release of
plant variety

(a) it has been tested under a two stage procedure and found suitable for commercialisation in Zambia; or

(b) it is considered so released as a result of an agreement on variety release to which Zambia is party.

(2) The two stage procedure under subregulation (1) shall be—

(a) in the first stage, which is referred to as prerelease, the applicant applies to Variety Release Committee to have a new variety officially tested; and

(b) in the second stage, where the applicant applies for the full release of that new variety after official testing.

36. (1) The Minister shall, on the advice of the Controller of Seeds, appoint members to the Variety Release Committee.

Variety
Release
Committee

(2) A member shall be appointed from individuals who have distinguished themselves as professionals in the field of agriculture or related fields.

(3) The composition of the Variety Release Committee is as set out in the Sixth Schedule.

- Functions of Variety Release Committee
37. The functions of the Variety Release Committee are to
- (a) review and set release procedures;
 - (b) release varieties for multiplication and marketing;
 - (c) recommend varieties for inclusion in the Variety Register;
 - (d) withdraw obsolete varieties from the list of recommended varieties; and
 - (e) approve the denominations of varieties.
- Term of Office
38. The term of office of member of the Variety Release Committee shall be two years for the chairperson and three years for other members, and may be eligible for re appointment for the same period.
- Variety Release Committee meetings
39. (1) A Variety Release Committee shall at least four weeks before the expected date of the meeting issue a notice in writing to convene a meeting.
- (2) Two-thirds of the Variety Release Committee's voting members shall constitute a quorum for the purpose of transacting the Committee's business.
- (3) The members of the Variety Release Committee shall, for the purpose of deciding whether a variety shall be released or not, carry out a secret ballot.
- (4) A decision of the Committee shall be passed by a simple majority of the votes counted.
- (5) In case of equal votes, the Chairperson shall have a casting vote.
- (6) The Secretary of the Variety Release Committee shall not be eligible to vote.
- Functions of Secretariat of Variety Release Committee
40. The functions of the Secretariat of the Variety Release Committee are to
- (a) give notice of meetings;
 - (b) take and circulate minutes of the meetings;
 - (c) receive and process applications for variety prerelease and release; and
 - (d) publish Lists of Recommended Varieties and Variety Registers.
- Application for Variety pre-release
41. (1) A person that intends to apply for a variety pre-release shall apply to the Secretary of the Variety Release Committee in Form XXVII set out in the First Schedule.
- (2) The application shall be accompanied by an application fee as set out in the Seventh Schedule to cover the costs of multisite

testing or evaluation tests and all relevant documentation including the application for the Distinctness, Uniformity and Stability test by duly completed Form XXVII.

(3) The applicant shall be limited to import set out quantities of prereleased varieties listed in the Sixth Schedule to test the market.

42. (1) Multisite data, which shall include agronomic information and a detailed botanical description of important morphological characteristics of a variety, shall be made available by the applicant.

Requirements
for pre-
release

(2) The applicant shall deposit an authentic sample of the variety, whose amount shall be as determined by the Institute, with the Institute, which shall form the living description of the variety.

(3) The parent lines of a variety for which certification is compulsory shall be made available to the Institute for the purpose of Distinctness, Uniformity and Stability testing and familiarisation by the Certifying Authority.

(4) In case of hybrids, testing shall include seed production technology.

43. (1) In order to obtain enough information for release, official variety testing shall be done for a minimum of two growing seasons.

Duration for
official
variety
testing

(2) For released varieties, the Variety Release Committee may grant an exemption from the required minimum number of years of testing.

44. (1) A person intending to apply for a Variety Release shall apply to the Secretary to the Variety Release Committee in Form XXVIII set out in the First Schedule.

Application
for variety
release

(2) The application shall be accompanied by—

(a) an application fee as set out in the Seventh Schedule;

(b) data for cultivation and use; and

(c) distinctness, Uniformity and Stability test results in duly completed Forms XXVII and XXV set out in the First Schedule.

45. (1) A variety shall present certain advantages in terms of agricultural or produce value over released varieties.

Requirements
for release

(2) A variety which has not met any of the above requirements shall not be considered for release unless it has also met the Distinctness, Uniformity and Stability test requirements.

(3) A listed variety on an approved international variety catalogue to which Zambia is part of, shall be deemed released.

Rules for denomination of varieties	<p>46. (1) An applicant is free to propose the denomination of a variety.</p> <p>(2) Varieties shall carry denominations which are simple, short, easily pronounced and not likely to be misspelt.</p> <p>(3) Numerals shall not be used as far as possible in the denomination of a variety except where this is an established practice for designating varieties.</p> <p>(4) A denomination shall not carry a meaning that exaggerates the merits of a variety.</p> <p>(5) After a variety has been phased out, its denomination shall not be used for another variety until after ten years.</p>
List of varieties	<p>47. (1) There are two types of lists of varieties namely Recommended Varieties and a Variety Register.</p> <p>(2) The Variety Register is a list of all the varieties released in Zambia.</p> <p>(3) The List of Recommended Varieties is an updated list of varieties under active certification.</p> <p>(4) The Institute shall maintain the Variety Register and the List of Recommended Varieties.</p>
Fees	<p>48. The fees prescribed in the Seventh Schedule are payable in respect of the matters set out therein.</p>
Appeals	<p>49. A person aggrieved by a decision of the Controller of Seeds made under these Regulations may appeal to the Minister.</p>
Revocation of S.I No. 133 of 1984 and S.I No. 67 of 1988	<p>50. The Plant Variety (Potato Seeds) Regulations of 1984 and The Plant Variety and Seeds Regulations of 1988 are revoked.</p>

FIRST SCHEDULE

(Regulation

4(1), 4920, 4(3), 9(1), 9(3)(8), 12(5), 13(1), 13(2), 14(2), 15(1), 15(2), 16(1), 16(2), 17(1), 17(2), 18(1), 18(2), 21., 23, 24, 25, 26, 27, 31, 34, 41, 44)

Form I
(Regulation 4(1))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

APPLICATION FOR LICENSING OF CERTIFYING AGENCY

To: The Director
Seed Control and Certification Institute
P.O. Box 350199, Chilanga, 13201
Zambia

INSTITUTION APPLICANTS NAME

ADDRESS

.....

.....

Employer's name and address:

.....

.....

Qualification

Degrees	Diplomas	Certificates	Etc.,

Employment record:

Employer	Post	Period of Service

Address:

- Name of Institution:
 - Postal Address:
District: Province:
 - Physical Location:
 - Telephone Number: Fax:
Institutional Mobile Number(s):
E-mail address:
- Signed: Date:

DECLARATION

I, (full names) on behalf of the above mentioned institution, do hereby certify that the above information is true, correct and complete. I also hereby understand that should any of the above information be found to be false, this application shall be rendered null and void.

Signed: Date:

Designation:

Please return the duly completed form including proof of payment of fees to:

The Director
Seed Control and Certification Institute
P.O. Box 350199, Chilanga, 13201
Zambia

FOR OFFICE USE ONLY

Comments by Director

.....
.....

Approved/Not approved for the period:.....

Approved/Not approved for (Reasons):

.....
.....

Date this day of 20.....

Signed:

Licence No.:

.....
Controller of Seeds
Seed Control and Certification Institute

Form II
(Regulation 4 (2))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

NOTICE OF GRANT OF CERTIFYING AGENCY LICENCE

To (Name and address of Institution)

.....
.....
.....

A Certifying Agency Licence is hereby granted for the period –

From to on the conditions overleaf.

Dated this day of 20.....

Signed:

.....
Date

.....
Controller of Seeds

Conditions

Seed analysis shall be conducted in accordance with Regulation 15.

Form III
(Regulation 4 (3))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

NOTICE OF REJECTION OF APPLICATION FOR CERTIFYING AGENCY LICENCE

TO.....

IN THE MATTER OF.....

You are notified that your application for certifying Agency Licence has been rejected on the following on the grounds:.....

.....
.....
.....
.....

Date this day of 20.....

Signed:

.....
Controller of Seeds
Seed Control and Certification Institute

Form IV
(Regulation 9)
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

APPLICATION FOR REGISTRATION AS SEED GROWER

To: The Director,
Seed Control and Certification Institute
P.O. Box 350199, CHILANGA, 13201.

Applicant's name and address:
Name and address of farm:
Species to be grown: Cultivar:

Parent seed: Class: Certification No: Quantity (kg):
Source of parent seed

For hybrids:

Female parent: Cultivar: Class: Certification No: Quantity (kg): Cultivar: ...
Class: Certification No: Quantity (kg):

Proposed hectareage: Proposed planting date:
Previous species and cultivars grown in the field during the last two growing season:

Species and cultivar	Season (year)
.....

Comments:
Date: Signature:

(A map giving clear instructions on how to reach the farm must be drawn overleaf)

FOR OFFICIAL USE ONLY

Application received: Fee paid: for hectares
Approved for the period to
Not approved for reasons

REGISTRATION No.

Date Controller of Seeds

Form V
(Regulation 9)
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2017

CERTIFICATION OF REGISTRATION AS SEED GROWER

REGISTRATION No:.....

Name and address of seed grower:

You are hereby registered as a seed grower to grow:

Species:

Cultivar:

Intended seed class:

From parent seed stock of:

Seed class: Source: Certification No:

For hybrids:

Female parent: Cultivar: Class: Certification No:

Male parent: Cultivar: Class: Certification No:

This registration is valid for the period: to

The conditions overleaf are imposed on this crop.

.....
Date

.....
Controller of Seeds



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2017

FIELD INSPECTION – GENERAL SEEDS
Report No.....

Form VII
(Regulation 12)

Contracting Organisation				Grower Number			
Grower Name				Field name			
Farm Physical Address				Variety			
Species				Hectarage			
Seed Class				1 season ago		2 seasons ago	
Crop Rotation (crops)				Vegetative		Flowering	
Stage of seed crop (tick)				Maturity			
				Yes		No	
				N/A			
1	Registration details	Are there inaccuracies with the seed crop registration? Have corrections been noted?					
For hybrids							
2	Male Parent	Were there off-types in the male parent rows? If yes, give details below if applicable and include comments whether there were less than 5% female parent rows with receptive silk					
3	Female parent	Were there off types in the female parent rows? If yes give details below					
4	Synchronisation	Was there good synchronization?					
5	Isolation	Is the field affected by contaminating pollen from adjacent fields? If yes give details indicating area(s) affected					
6	Pollinating females	Are there pollinating females? If yes, provide details					
For non hybrids							
7	Cultivar Purity	Does this crop conform to the standards?					
8	Isolation	Does this crop conform to the standards?					
No. of counts of 100 plants		Female parent shading pollen		Off-types		Off-type Male shading pollen	
		# %		# %		# %	
Infestation of:	Name			Severity			
Disease							
Pest							
Weeds							
Remarks:							
Inspector Name:				Inspector Number:			
Signature				Date			
Growers Signature / Representative							



(To be completed in triplicate)

REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

FIELD INSPECTION - POTATO SEEDS

REPORT No:

Name and address of seed grower:

.....

Name of farm:

Crop registration No: Cultivar: Intended seed class:

Parent seed Certification No.:

INSPECTION RESULT

DEFECT:

Kind	Number (of kind)	Percentage	Index

Remarks:

.....

Date:

.....
Signature of Grower.....
Signature and Inspector's No.



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

Form VIII
(Regulation 13(1))
(To be completed in triplicate)
(to include sampler and analyst)

APPLICATION FOR SEED INSPECTOR'S LICENCE

To: The Director,
Seed Control and Certification Institute
P.O. Box 350199, CHILANGA, 13201.

Applicant's name and address:

Employer's name and address:

Qualification (certificates, diplomas, degrees, etc):

Employment record:

Employer	Post	Period of service
.....

.....
Date

.....
Signature of applicant

FOR OFFICIAL USE ONLY

Application received: Fee paid

Approved for the period to

Not approved for reasons

LICENCE No.

.....
Date

.....
Controller of Seeds

Form IX
(Regulation 13(2))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

SEED INSPECTOR'S LICENCE

LICENCE NO:.....

A Seed Inspector's Licence is hereby granted to (Name and address):

of (Employer's name and address):

for the periodto

This Licence is issued subject to the conditions overleaf:

.....
Date

.....
Controller of Seeds

CONDITIONS

1. Field inspections shall be conducted in accordance with *Regulation 12*
2. The holder of this licence shall make available field inspection reports to INSTITUTE as and when directed by the Controller of Seeds.
3. The holder of this licence may also sample seed.
4. The licence is valid for twelve months.
5. The Controller of Seeds may revoke or suspend this licence without notice if he is satisfied that the holder of the licence has conducted himself in a manner inconsistent with these *Regulations*.
6. The holder of a licence shall be required to re-apply to licensing Authority in case of movement from one organisation to another within 21 days.

Form X
 (Regulation 14(2))
 (To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
 (Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
 Regulations, 2018

APPLICATION FOR SEED SAMPLER'S LICENCE

To: The Director,
 Seed Control and Certification Institute
 P.O. Box 350199, CHILANGA, 13201.

Applicant's name and address:

Employer's name and address:

Qualification (certificates, diplomas, degrees, etc):

Employment record:

Employer	Post	Period of service

.....
Date

.....
Signature of applicant

FOR OFFICIAL USE ONLY

Application received: Fee paid

Approved for the periodto

Not approved for reasons

LICENCE No.

.....
Date

.....
Controller

Form XI
(Regulation 14 (2))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

SEED SAMPLER'S LICENCE

LICENCE NO.

A Seed Sampler's Licence is hereby granted to (Name and address):

.....
.....

of (Employer's name and address):

.....

for the period to

This Licence is issued subject to the conditions overleaf.

.....
Date

.....
Controller of Seeds

CONDITIONS

1. Seed sampling shall be conducted in accordance with Regulation 21.
2. The holder of this licence shall not carry out seed sampling without a Seed Sampler's licence.
3. The holder of this licence shall make available seed sampling reports to the Institute as and when directed by the Controller of Seeds.
4. The licence is valid for twelve months.
5. The Controller of Seeds may revoke or suspend this licence without notice if he is satisfied that the holder of the licence has conducted himself in a manner inconsistent with these Regulations.
6. The holder of a licence shall be required to re-apply to licensing Authority in case of movement from one organisation to another within 21 days

Form XII
(Regulation 15(2))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

APPLICATION FOR SEED ANALYST'S LICENCE

To: The Director,
Seed Control and Certification Institute
P.O. Box 350199, CHILANGA, 13201.

Applicant's name and address:

Employer's name and address:

Qualification (certificates, diplomas, degrees, etc):

Employment record:

Employer	Post	Period of service

.....
Date

.....
Signature of applicant

FOR OFFICIAL USE ONLY

Application received: Fee paid

Approved for the period to

Not approved for reasons

LICENCE No.

.....
Date

.....
Controller of Seeds

Form XIII
(Regulation 15(1))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

SEED ANALYST'S LICENCE

LICENCE No.

A Seed Analyst's Licence is hereby granted to (Name and address):

.....
.....
.....

of (Employer's name and address):

.....
.....

for the periodto

This Licence is issued subject to the conditions below:

.....
Date Controller of Seeds

CONDITIONS

1. Seed analyses shall be conducted in accordance with Regulation 22.
2. The licence is valid for twelve months.
3. The Controller of Seeds may revoke or suspend this licence without notice if he is satisfied that the holder of the licence has conducted himself in a manner inconsistent with these *Regulations*.
4. The holder of a licence shall be required to reapply to the licensing Authority in case of movement from one organisation to another within 21 days.

Form XIV
(Regulation 16 (2))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

APPLICATION FOR SEED TESTING LICENCE

To: The Director,
Seed Control and Certification Institute
P.O. Box 350199, CHILANGA, 13201.

Applicant's name and address:

SPECIFICATIONS

Name and address of premises:

Species to tested:

Type of seed testing equipment (Please attach list).

.....
Date *Applicant*

FOR OFFICIAL USE ONLY

Application received: Fee paid

Approved for the period to

Not approved for reasons

LICENCE No.

.....
Date *Controller of Seeds*

Form XV
 (Regulation 16 (1))
 (To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
 (Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

SEED TESTING LICENCE

LICENCE No.

A Seed Testing Licence is hereby granted to (Name and address):

.....

of (Name and address of premises):

.....

for the period to

This Licence is issued subject to the conditions laid out below.

.....
Date

.....
Controller of Seeds

CONDITIONS

- Regulation 24. A licensed seed testing station shall:-
- (a) be housed in premises approved by the Controller of Seeds and shall be equipped in accordance with requirements specified. No change shall be made without prior approval of the Controller of Seeds to the accommodation or equipment of the station, except replacement of consumable stores.
 - (b) be in the charge of a licensed seed analyst.
 - (c) record the results of the seed test on a certificate in Form 18 set out in the Seventh Schedule.
 - (d) make available to the certifying authority every sample tested for random sampling as specified in the ISTA rules.
 - (e) state in the certificate whether the seeds are marketable and the category of the seeds.
 - (f) make records available for inspection by the Institute at all reasonable times.
 - (g) be subject to supervision by the Institute and shall at all times maintain a level of performance satisfactory to the Controller of Seeds in the tests which it undertakes.

Form XVI
(Regulation 17 (2))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

APPLICATION FOR SEED PROCESSING LICENCE

To: The Director,
Seed Control and Certification Institute
P.O. Box 350199, CHILANGA, 13201.

Applicant's name and address:

SPECIFICATIONS

Name and address of premises:

Type of drying facilities:

Type of cleaning facilities:

Type of dressing and packaging facilities:

Type of storage facilities:

Remarks:

Date: Signature:

FOR OFFICIAL USE ONLY

Application received: Fee paid

Approved for the period to

Not approved for reasons

Inspected by: Date:

LICENCE No.

.....
Date

.....
Controller of Seeds

Form XVII
(Regulation 17 (1))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

PROCESSING LICENCE

LICENCE No:

Name and address of seed processor:

.....

A Seed Processing License of the following crop(s):

is hereby granted to you for processing of seeds at (Name and address of premises):

.....

.....

for the period: to

This Licence is issued subject conditions below.

.....
Date

.....
Controller of Seeds

CONDITIONS

1. Offer the machinery in the processing plant regularly for inspections.
2. Display this licence at the place of sale of seed.
3. Licence is valid for twelve months.
4. The Controller of Seeds or the Controller of Seeds representative shall have access to the processing premises at all times.
5. The Controller of Seeds may revoke or suspend this licence without notice if the Controller of Seeds is satisfied that the conditions for the licence have not been met.

Form XVIII
(Regulation 18(2))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

APPLICATION FOR SEED SELLER'S LICENCE

To: The Controller of Seeds,
Seed Control and Certification Institute
P.O. Box 350199, CHILANGA, 13201.

Applicant's name:.....
Postal Address:.....
Phone number..... Email address.....

I hereby apply for a Seed Seller's Licence of the following class:

- Wholesale
- Retail
- Wholesale and retail

Name of premises:
Physical address: District:
Species to be sold:
Type of storage facilities:

Date: Signature:

FOR OFFICIAL USE ONLY

Attachments: Council trading licence Registration certificate ZRA tax clearance

Application received: Fee paid
Premises inspected by: Application checked by:
Approved for the period to
Not approved for reasons:
LICENCE No.

.....
Date

.....
For/Controller of Seeds

Form XIX

(Regulation 18 (1))

(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

SEED SELLER'S LICENCE

LICENCE No:

Name and address of seed seller:

A Seed Seller's Licence of the following class(es):
is hereby granted to you for sale of seeds at (Name and address of premises):

.....
for the period:..... to

This Licence is issued subject conditions overleaf.

.....
Date *Controller of Seeds*

CONDITIONS

1. Offer the seed for re-test before the expiry date of the current certification.
2. Store seed in a clean, cool and dry place.
3. Display this licence at the place of sale of seed.
4. Licence is valid for twelve months.
5. The Controller of Seeds or Controller of Seeds representative shall have access to the processing premises at all times.
 - 1.
 2. The Controller of Seeds may revoke or suspend this licence without notice if Controller of Seeds is satisfied that the conditions for the licence have not been met.

Form XX
 (Regulation 18) (2))
 (To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
 (Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

SEED WAREHOUSE INSPECTION REPORT

Name of applicant:.....
 Postal address:.....
 Telephone number:.....
 Name of premises:.....
 Physical address:.....

INSPECTION RESULTS

Warehouse Condition

Roof/Walls:	<input type="checkbox"/> Ok	<input type="checkbox"/> Not ok
Floor:	<input type="checkbox"/> Ok	<input type="checkbox"/> Not ok
Ventilation:	<input type="checkbox"/> Ok	<input type="checkbox"/> Not ok
Storage facilities:	<input type="checkbox"/> Ok	<input type="checkbox"/> Not ok

General Remarks

OVERALL DECISION/ACTION

Premises: License withdrawn License suspended Approved for licensing:
 Not approved for licensing
 Seeds stocked: Detained/confiscated Recommended for destruction
 Recommended for re- testing

.....
 Date

.....
Signature of Stockist

.....
Signature of Inspector

Form XXI
(Regulation 21 and 31)
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds Regulations, 2017

SAMPLING AND SEALING REPORT

Report No.....

Contracting Organisation

Applicant's name:

Applicant's address:

Registration No:

Certification No:

Species: Cultivar:

Intended seed class: Grade:

Lot No: Quantity

Tests required:

Test	Germination	Purity	Moisture Content	Number Determination	Others (specify)
Tick					
Certification					
	OECD	SADC	COMESA	National	For Information
Tick					

Seed lot labeled: (Yes or No)

If Yes state range

Type of sealing

Seed treatment

Remarks:

.....

.....

Date:

.....
Signature of Grower

.....
Signature and No. of sampler Inspector

Form XXII
(Regulation 23 (d), 24 (1) (d) and 25 (2))
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

Plant Varieties and Seeds Act
Laws, Volume 14, Cap 236)

The Plant Variety and Seeds
Regulations, 2018

CONTROL GROWING REPORT – GENERAL SEEDS

REPORT NO

Specie: Cultivar:
Applicant:
Farm:
Grower: Registration No:
Certification Number: Seed Lot No:
Seed Class: Date of Planting:

TEST RESULTS

Other Crop Plants:
.....
Off Types:
.....
Diseased Plants:
.....
Weeds:
.....
Cultivar Purity:
.....
Remarks:
.....

Date

For/Controller of Seeds

Form XXIII
(Regulations 25)
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

CONTROL GROWING REPORT - POTATO SEEDS

REPORT No.

To:
.....
.....
.....

Cultivar: Seed Class:

Certification No: Parent Seed Class:

Seed Lot No: Date planted:

Grower:
.....
.....

TEST RESULTS

DEFECTS:

<u>Kind</u>	<u>Index</u>
.....
.....
.....

Remarks:
.....

.....
Date

.....
For/Controller of Seeds

Form XXIV
(Regulation 26)
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws. Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

PEST POST CONTROL REPORT - POTATO SEEDS

REPORT No.

To:

Cultivar:

Registration No: Seed Class:

Seed Lot No: Number of tubers tested:

Grower:

TEST RESULTS

DEFECTS:

Number	Kind	Percentage by

Remarks:

.....
Date

.....
For/Controller of Seeds

Form XXV
(Regulation 27)
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds Regulations, 2018

TUBER CONTROL REPORT - POTATO SEEDS

REPORT No.

To:
.....
.....
.....

Cultivar: Registration No: Seed Class:
Seed Lot No: Number of tubers tested:
Grower:
.....

TEST RESULTS

DEFECTS:	<i>Kind</i>	<i>Percentage</i>	<i>Index</i>
.....
.....
.....

Remarks:

.....
Date

.....
Signature of Applicant

.....
Signature of Inspector

Inspector's No.

Form XXVI
 (Regulation 34)
 (To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
 (Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

SEED IMPORT PERMIT

Applicant:
 Post Address:
 Physical Business Address:

SPECIFICATIONS

Species:
 Cultivar:
 Quantity to be imported: (in words)
 Country of origin: **Exporting Company (Name and Address)**.....

Status of variety in Zambia: Released:.....Not released....Pre Released....Others (specify)....

Official marks of the seed lot:
 Quality of seed (copy of seed certificates(s) to be enclosed):
 Point of entry:
 Reasons for the importation:
 Expected date for the importation (please specify):
 Please note that the following conditions apply to this notice:

1. Currently genetically modified seeds are not permitted in Zambia
2. Seed import permit shall be given before the seed arrives in the country
3. Seed lot must be accompanied with a phytosanitary certificate
4. Seed lot must be accompanied with an international seed testing association/national certificate
5. The Institute and plant protection unit must be notified before seed is distributed
6. The Institute shall draw a seed sample for testing and reference purposes
7. This seed import permit is for a single entry only

Date: Signature of Applicant:
 Notification received: Fees paid
 Notification approved/rejected..... Notification No.
 Date: Signature (Controller of Seeds):

Form XXVII
(Regulation 41)
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

APPLICATION FOR NATIONAL VARIETY RELEASE TRIALS
(Pre-release; including DUS testing)

To: The Secretary, Variety Release Committee,
Seed Control and Certification Institute
P.O. Box 350199, Chilanga 13201, Zambia
Tel: (1) 278170/278236 Fax: (1) 278170/826
E-mail: Institute@zamnet.zm or seedresearch@zamnet.zm

1. Name & Address of Applicant:
- Species:
2. Preliminary designation:
3. Parentage:
4. Genetic origin, breeding methods etc:
5. Maturity group (Early, Medium, Late):
6. Grain type (Dent, semi dent, flint, colour, etc):
7. Type of release* (General, specific i.e. Regions I,II,III):
8. Quantity of seed submitted (seed over leaf):
9. Botanical characteristics. Detailed information.
10. Date Sample submitted¹:

FOR OFFICIAL USE ONLY

Date application received:

Date seed sample received:

Date Fees/Amount paid:

¹ The application should be accompanied by an affidavit that the seed submitted is NOT GMO

Form XXVIII
(Regulation 44)
(To be completed in triplicate)



REPUBLIC OF ZAMBIA

The Plant Variety and Seeds Act
(Laws, Volume 14, Cap. 236)

The Plant Variety and Seeds
Regulations, 2018

APPLICATION FOR VARIETY RELEASE

To: The Secretary,
Variety Release Committee,
Seed Control and Certification Institute,
P.O. Box 350199, Chilanga 13201, Zambia
Tel: (1) 278170/278236 Fax: (1) 278170/836
E-mail: sci@zamnet.zm or seedresearch@zamnet.zm

1. Name & Address of applicant:
 2. Breeder (Institution, Country):
 3. Representative:
 4. Species:
 5. Preliminary designation/Code name:
 6. Proposed variety name:
 7. Parentage:
 8. Genetic origin, breeding methods etc:
 9. Country of origin:
 10. Is the variety released in any country? If yes state country and year of release:
 11. Reason(s) for application:
 12. Distinctness, Uniformity, Stability test results from the Institute
 13. National Variety Release Trials results from the Institute
 14. Any other information that may support your application
- Date: Signature:
- Note: 1. Submit 20 copies each application

FOR OFFICIAL USE ONLY

Attachments: Council trading licence Registration certificate ZRA tax clearance
 Application received:..... Fee paid

Premises inspected by..... Application checked by.....

Approved for the period to

Not approved for reasons.....

LICENCE No.

.....
Date

.....
For/Controller of Seeds

SECOND SCHEDULE

(Regulation 5)

PRESCRIBED SEEDS

CEREALS:

Barley	<i>Hordeum vulgare L. sensu lato</i>
Maize	<i>Zea mays L.</i>
Millet (Finger)	<i>Eleusine coracana (L.) Gaertn.</i>
Millet (Pearl)	<i>Pennisetum typhoides (Burm. f.) Stapf & C.E. Hubb</i>
Oats	<i>Avena sativa L.</i>
Rice	<i>Oryza sativa L.</i>
Rye	<i>Secale cereale L.</i>
Sorghum	<i>Sorghum bicolor (L.) Moench</i>
Triticale	<i>X Triticosecale Wittm</i>
Wheat	<i>Triticum aestivum L. emend. Fiori & Paol.</i>

FIBRE CROPS:

Cotton	<i>Gossypium L. spp.</i>
Flax	<i>Linum usitatissimum L.</i>
Kenaf	<i>Hibiscus cannabinus L.</i>

HERBAGE GRASSES:

Brachiaria	<i>Brachiaria ruziziensis</i>
Columbus grass	<i>Cenchrus ciliaris L.</i>
Buffel grass	<i>Sorghum almum L. Parodi</i>
Guinea grass	<i>Panicum maximum Jacq.</i>
Paspalum grass	<i>Paspalum spp.</i>
Rhodes grass	<i>Chloris gayana Kunth</i>
Rye grass	<i>Lolium perenne L.</i>
Setaria grass	<i>Setaria italica (L.) Beauv.</i>
Teff grass	<i>Eragrostis tef Trotter</i>
Weeping love grass	<i>Eragrostis curvula (Schrad.) Nees</i>

HERBAGE LEGUMES:

Centro	<i>Centrosema pubescens Benth.</i>
Clover	<i>Trifolium spp.</i>
Desmodium	<i>Desmodium intortum (Mill.) Urban</i>
Glycine	<i>Glycine javanica L.</i>
Greenleaf desmodium	<i>Desmodium intortum (Mill.) Urban.</i>
Leucaena	<i>Leucaena leucocephala (Lam.) de Wit</i>
Lucerne	<i>Medicago sativa L.</i>
Silverleaf desmodium	<i>Desmodium uncinatum (Jacq.) DC.</i>
Siratro	<i>Macroptilium atropurpureum (DC.) Urban.</i>
Stylo	<i>Stylosanthes guianensis (Aubl.) Sw.</i>
Sunnhemp	<i>Crotalaria juncea L.</i>
PULSES:	
Bean (including Bush, Pole, French, Haricot)	<i>Phaseolus vulgaris L.</i>
Broad beans	<i>Vicia faba L.</i>
Chick pea	<i>Cicer arietinum L.</i>
Common vetch	<i>Vicia sativa L. (incl. Vicia angustifolia Reichard)</i>
Cowpea	<i>Vigna unguiculata (L.) Walp.</i>
Dolichos bean	<i>Dolichos lablab L.</i>
Peas (including Garden, Field, Sugar)	<i>Pisum sativum L. sensu lato</i>
Pigeon pea	<i>Cajanus cajan (L.) Huh</i>
Soyabean	<i>Glycine max (L.) Merr.</i>
Velvet bean	<i>Mucuna deermgiana (Bort) Merr.</i>

ROOT CROPS:

Beets (including Mangel, Sugar, Spinach)
 Irish Potato (tuber)
 Swede
 Turnip
 Sweet Potato
 Cassava
 Yam

Beta vulgaris L.
Solanum tuberosum L.
Brassica napus L. var. *napobrassica* (L.) Reichb.
Brassica rapa L.
Ipomea batatas
Manihot esculenta Grant.
Dioscorea spp.

STIMULANT CROPS:

Tobacco
 Coffee

Nicotiana tabacum L.
Coffea spp.

VEGETABLES:

Amaranth
 Bean (including Bush, Pole, French, Haricot)
 Broad beans
 Beets (including Mangel, Sugar, Spinach)
 Broccoli
 Brussels sprouts
 Cabbage

 Carrot
 Cauliflower

 Celery
 Chinese cabbage
 Cucumber (including gherkins)
 Dill
 Eggplant

Amaranthus spp.
Phaseolus vulgaris L.
Vicia faba L.
Beta vulgaris L.
Brassica oleracea convar. *botrytis* (L.) Alef. Var. *cymosa* Duch.
Brassica oleracea convar. *oleracea* var. *gemmifera* DC.
Brassica oleracea L.
Daucus carota L.
Brassica oleracea convar. *botrytis* (L.) Alef. var. *botrytis* L.
Apium graveolens L.
Brassica pekinensis (Lour.) Rupr. (including *Brassica chinensis* L.)
Cucumis sativus L.
Anethum graveolens L.
Solanum melongena L.

VEGETABLES (Contd):

Endive
 Impwa
 Kale

 Kohlrabi

 Leek
 Lettuce
 Lusakasaka
 Musk melon
 Okra
 Onion
 Parsley
 Parsnip
 Peas
 Pepper
 Potato
 Pumpkin
 Radish
 Rape
 Rhubarb

Cichorium endivia L.
Solanum macrocarpum L.
Brassica oleracea convar. *acephala* (DC.) Alef. var. *medullosa* Thell + var. *viridis* L.
Brassica oleracea convar. *acephala* (DC.) Alef. var. *Gongylodes*

Allium porrum L.
Lactuca sativa L.
Cochlearia tridens L.
Cucumis melo L.
Hibiscus esculentus L.
Allium cepa L.
Petroselinum crispum (P. Mill.) Nym. ex A. W. Hill
Pastinaca sativa L.
Pisum sativum L. *sensu lato*
Capsicum annuum L.
Solanum tuberosum L.
Cucurbita pepo L.
Raphanus sativus L.
Brassica napus L.
Rheum rhaponiticum L.

VEGETABLES (Contd):

Spinach	<i>Spinacea oleracea L.</i>
Cats whiskers (Suntha)	<i>Cleome gynandra L.</i>
Swede	<i>Brassica napus var. napobrassica</i>
Sweet corn	<i>Zea mays L. var. saccharatum</i>
Swiss chard	<i>Beta vulgaris var. vulgaris</i>
Squash	<i>Cucurbita moschata (Duch) Duch ex. Poir.</i>
Tomato	<i>Lycopersicon lycopersicum (L.) Karst. Ex Farw.</i>
Turnip	<i>Brassica rapa L.</i>
Water melon	<i>Citrullus lanatus (Thunb) Matsum et Nakai</i>
Black jack	<i>Bidens Pilosa</i>

HERBS

Sweet worm wood	<i>Artemisia (annua) spp</i>
Moringa	<i>Moringer alifera</i>

THIRD SCHEDULE
(Regulation 6)

SEEDS FOR COMPULSORY CERTIFICATION

1. All hybrid crops
2. Irish Potatoes
3. Open pollinated varieties of the following:
 - (a) Sorghum
 - (b) Wheat
 - (c) Soya beans
 - (d) Sunflower

FOURTH SCHEDULE
(Regulation 6(3))

A. SEED CERTIFICATION SCHEME - for General Seeds

CODE	CLASS	PARENT SEED AND AVAILABILITY	COLOUR OF LABEL
A	Pre-basic Seed	Produced from the breeder's parent material under control of the breeder and supervision of the Institute. More than one generation may be permitted by the Controller of Seeds.	Violet stripe on white
B	Basic Seed	Produced from Pre-basic Seed and officially inspected. Only one generation permitted.	White
C1	Certified Seed, 1 st generation	Produced from Basic Seed and officially inspected.	Blue
C2	Certified Seed, 2 nd generation	Produced from Certified Seed, 1 st generation (or higher class) and officially inspected.	Red
C3	Certified Seed, 3 rd generation	Produced from Certified Seed, 2 nd generation (or higher class) and officially inspected.	Red stripe on white
D	Certified Seed, 4 th generation	Produced from Certified Seed, 3 rd generation (or higher class) and officially inspected.	Green stripe on white
QDS	Quality Declared seed	Produced from Quality Declared or Higher class	Green
E	Emergency class	Only used when a serious shortage of seed (for certification) of compulsory crops occurs. The standards will be set by the Controller of Seeds.	Yellow

B. SEED CERTIFICATION SCHEME - for Potato Seeds			
CODE	CLASS	PARENT SEED AND AVAILABILITY	COLOUR OF LABEL
S1(S2,S3)	Pre-basic Seed	Produced by the breeder under the supervision of the Institute. The maximum number of generations shall not exceed three, as determined by the Controller of Seeds; and such number of generation shall form part of the identification.	Violet stripe on white
SE	Basic Seed	Produced from Pre-basic Seed under the supervision of the Institute. Only one generation permitted.	White
E1	Certified Seed, 1 st generation	Produced from Basic Seed and officially inspected.	Blue stripe on white
E2	Certified Seed, 2 nd generation	Produced from Certified Seed, 1 st generation (or higher class) and officially inspected.	Red stripe on white
A	Certified Seed, 3 rd generation	Produced from Certified Seed, 2 nd generation (or higher class) and officially inspected.	Red stripe on white
B	Certified Seed, 4 th generation	Produced from Certified Seed, 3 rd generation (or higher class) and officially inspected.	Green stripe on white

FIFTH SCHEDULE
(Regulation 6)

I. STANDARDS FOR CERTIFIED SEED - for General Seeds

A. Field Inspection

I. Minimum standards for isolation (metres), off types and/or other cultivars and inspections

Species	Isolation, metres (minimum)					Off types and/or other cultivars (% by number)				
	A	B	C ₁	C ₂ , C ₃ , D QDS		A	B	C ₁	C ₂ , C ₃	D, QDS
Cereals:						I. Maximum number per 10 M² (2500 plants)				
Barley	10	10	5	5	-	5	5	10	30	50
Oats	10	10	5	5	-	5	5	10	30	50
Rice	10	5	5	5	5	5	5	7	7	50
Rice H	200	200	100			3	3	5		
Rye	400	400	200	200	-	10	10	20	60	100
Triticale	20	20	10	10	-	10	10	20	60	100
Wheat	15	10	5	5	5	3	5	10	10	50
						II. Maximum number per 1000 plants (heads)				
Maize (OPV)	400	400	200	200		1	5	10	10	10
Maize (H)	400	400	200	200		1	1	3	-	-
Millet, Finger	50	50	25	-	-	2	2	5	5	-
Millet, Pearl	400	400	200	25	20	5	5	5	5	20
Sorghum (OP)	400	400	200	200	200	2	2	5	5	5 10
Sorghum (H)	400	400	200	200		2	2	5	5	

Pulses:						I. Maximum number per 10 square meters				
	A	B	C ₁	C ₂ , C ₃ , D QDS		A	B	C ₁	C ₂ , C ₃	D, QDS
Common vetch	100	10	50	50	-	1	1	2	2	5
Soybean	10	0	5	5	5	1	1	2	2	5
Peas	100	10	50	50	20	1	1	2	2	5
		10								
		0								
Pigeon peas	400	40	20	200		1	1	1	2	5
		0	0	100						
						II. Maximum number per 1000 plants (heads)				
Beans	10	10	5	5	5	2	6	6	6	8
Broad bean	200	20	10	100	25	1	1	2	2	5
Cowpea	10	0	0	5	5	2	2	5	5	5
		10	5							

1000 Minimum standards for isolation (metres), off types and/or other cultivars

Species	Isolation, metres (minimum)				Off types and/or other cultivars				
	A	B	C ₁	C ₂ , C ₃ , D, QDS	A	B	C ₁	C ₂ , C ₃	D, QDS
Oil crops:									
Castor bean	50	50	25	25	10	1	2	2	5
Groundnut	100	10	5	5	5	1	2	2	5
Oilseed rape	1000	1000	600	400	400	2	5	5	10
Sunflower(OP)	1000	1000	800	800	800	2	5	5	5
Sunflower (H)	3000	2500	1500	-	-	2	5	-	-
Fibre crops:									
Cotton (OP)	100	100	100	100	100	1	3	5	5
Cotton (H)	500	500	400	-	-	1	5	-	-
Flax									
Kenaf	20	20	10	10	10	5	10	30	50
	600	600	300	300	300	1	2	2	5
Root crops:									
Beets	2000	2000	1500	1000	1000	1	2	2	5
Swede	1000	1000	600	400	400	1	2	2	5
Turnip	1000	1000	600	400	400	1	2	2	5
Herbage grasses:									
Buffel grass	200	200	100	100	100	1	2	2	5
Guinea grass	50	50	25	10	10	1	2	2	5
Rhodes grass	200	200	100	100	100	1	2	2	5
Rye grass	400	400	200	200	200	1	2	2	5
Weeping love grass	50	50	25	10	10	1	2	2	5
Herbage legumes:									
Glycine	300	300	200	200	200	1	2	2	5
Siratiro	200	200	100	100	100	1	2	2	5
Stylo	200	200	100	100	100	1	2	2	5

A. Field Inspection (contd)

I. Minimum standards for isolation (metres), off types and/or other cultivars
I. Isolation, metres (minimum)

Species	A	B	C ₁	C ₂ , C ₃ , D, QDS	A	B	C ₁	C ₂ , C ₃	D, QDS
Herbage legumes:									
Clover	400	400	300	300	1	1	3	10	15
Lucerne	400	400	300	300	1	1	3	10	15
Vegetables:									
Peas	100	100	50	50	1	1	2	3	5
Beets									
Cabbage	2000	2000	1500	1500	1	1	2	2	5
Carrot	1000	1000	600	400	2	2	5	5	10
Cauliflower	1000	1000	750	500	5	5	10	10	20
Kale	1000	1000	600	400	2	2	5	5	10
Leek	1000	1000	600	400	2	2	5	5	10
Lettuce	1500	1500	1000	600	5	5	10	10	20
Onion	100	100	50	25	2	2	10	15	30
Pepper	1500	1000	800	600	5	5	10	10	20
Pumpkin	200	200	100	50	1	1	2	2	5
Rape	1000	1000	800	600	2	2	10	15	30
Sweet corn	400	400	200	200	1	1	3	3	10
Tomato	100	100	50	50	2	2	5	10	20
Watermelon	1000	1000	800	600	1	1	2	5	10

Stimulant Crops:

Species	A	B	C ₁	C ₂ , C ₃ , D	A	B	C ₁	C ₂ , C ₃	D, QDS
Tobacco	800	800	400	400	1	2	5	5	5

Note: White maize shall be isolated from all classes of yellow maize as follows:-

A-B	500m
C ₂ , C ₃ , D	300m

A. Field Inspection (contd)**I. Isolation, barriers (pollen parent rows)****Minimum standards for maize.**

A-B	C ₁ - C ₃	Number of border rows
Above 400 metres	Above 200 metres	0
380 to 400 metres	190 to 200 metres	1
360 to 380 metres	180 to 190 metres	2
340 to 360 metres	170 to 180 metres	3
320 to 340 metres	160 to 170 metres	4
300 to 320 metres	150 to 160 metres	5
280 to 300 metres	140 to 150 metres	7
260 to 280 metres	130 to 140 metres	9
240 to 260 metres	120 to 130 metres	11
220 to 240 metres	110 to 120 metres	13
200 to 220 metres	100 to 110 metres	15

II. Isolation, time (minimum)

Species	Time (days)
Cereals	
Maize	28
Oil crops	
Hybrid Sunflower	15

III. Minimum number of inspections

Crop	Minimum number of Inspections	
	Basic	Certified
Groundnuts	3	2
Pigeon peas	3	3
Soybeans	3	3
Cotton H	3	3
Cotton OP	3	3
Sunflower OP	3	3
Sunflower H	3	3
Tobacco	3	3
Rice	2	2
Rice H	3	3
Pearl Millet	3	3
Beans	3	3
Sorghum OP	3	3
Sorghum H	3	3
Wheat	2	2
Cowpeas	3	3
Maize OP	3	3
Maize H	5	5
Cassava	3	3
Sweet potato	3	3

NOTE: For other crops, the minimum number of inspections shall be three (3)

(III) Vegetatively Propagated Crops**(a) Sweet potato**

(1) Minimum Rotation (years)	1	1	2
(2) Minimum Isolation (meters)	10	10	5
(3) Maximum permitted Ratoons (Number)	1	2	2
(4) Varietal Purity			
- Minimum sample size (counts/Lima)	5x50	5x50	5x50 plants
- Maximum off-types (% by number)	0.5	1	2
(5) Diseases (Maximum incidence)			
- Sweet potato Virus disease (% by number of plants)	0.5	0.5	5
(6) Pests (Maximum infestation)			
- Sweet potato weevils (% by number of plants)	0		
(7) Harvesting age of seed crop			
- new crop	2 – 3 months		
- ratoon crop	3 weeks		
(8) Size of planting material			
- Length of stake/vine	20 – 30 cm (from tip)	5	
- Diameter of stake/vine			
- Number of nodes/duds			

(a) Cassava

SEED QUALITY PARAMETERS	- A/B	- C1/C2	- QDS
Minimum rotation (years/seasons)	- 1	- 1	- 1
Minimum isolation (m)	- 10	- 5	- 5
Minimum distance between varieties (m)	- 3	- 3	- 3
Maximum permitted ratoons	- 3	- 3	- 3
Varietal purity (%) (Observe 60 counts)	- 0.5	- 1	- 2
Cassava mosaic disease – Max incidence (%)	- 0.5	- 1	- 2
Cassava bacterial blight – Max mean severity	- 3.5	- 3.5	- 3.5
Cassava brown streak disease – Max incidence (%)	- 0	- 0	- 0
Cassava mealybug – Max incidence (%)	- 2	- 2	- 5
Cassava green mite – Max mean severity	- 3.5	- 3.5	- 3.5
Scale insects – Max incidence (%)	- 2	- 2	- 5
Harvesting age – new crop	- 8-24mths	- 8-24mths	- 8-24mths
Harvesting age – ratoon crop	- 6-24mths	- 6-24mths	- 6-24mths
Minimum length of stake	- 20cm	- 20cm	- 20cm
Minimum diameter of stake	- 2cm	- 2cm	- 2cm
Minimum number of nodes/stake	- 5	- 5	- 5
Maximum damaged nodes	- 10%	- 10%	- 10%
Validity of certification	- 2mths	- 2mths	- 2mths

B. Laboratory tests
I. Quality requirements for different classes with respect to the analysis figures concerning purity, germination capacity, weed seeds and moisture content.

Species	Purity (% by weight)			Germination Capacity (% by number)			Weed seeds, excluding noxious weeds (number per kg)			Moisture Content (%)				
	B	C ₁ -C ₃	D	QDS	A-B	C ₁ -C ₃	D	QDS	A		B	C ₁ -C ₃	D	A-D,QDS
Cereals:														
Barley	0	99.0	98.0	98	95	90	85	90	85	1	2	5	10	11.0
Maize (H)	0	99.0	-	-	70	90	-	-	-	1	2	5	-	13.0
Maize(OP)	0	99.0	98.0	99	90	90	75	70	70	50	5	150	200	13.0
Millet, Finger	0	98.0	98.0	97	80	80	85	70	50	5	150	200	11.0	11.0
Millet, Pearl	0	98.0	98.0	97	75	80	80	80	1	1	5	10	10	12.0
Oats	0	98.0	98.0	98	85	85	80	75	1	1	5	10	10	11.0
Rice(OP)	0	98.0	98.0	97	80	80	70	70	1	0	5	150	150	13.0
Rice H	0	99.0	-	-	70	80	-	-	-	1	0	5	-	13.0
Rye	0	98.0	98.0	98	75	75	80	80	50	0	100	10	10	11.0
Sorghum (H)	0	98.0	-	-	80	80	-	-	1	2	5	-	-	12.0
Sorghum(OP)	0	98.0	98.0	80	80	80	80	80	1	2	5	10	10	12.0
Triticale	0	97.0	97.0	97	90	85	80	80	1	2	5	10	10	11.0
Wheat	0	99.0	97.0	96	85	85	85	75	1	1	5	10	10	13.0
Pulses:														
Beans	0	99.0	98.0	98	70	75	70	75	70	1	2	5	10	14.0
Broad bean	0	99.0	98.0	98	80	80	75	70	1	2	5	10	10	14.0
Chickpea	0	99.0	98.0	97	80	80	75	70	1	2	5	10	10	14.0
Cowpea	0	98.0	98.0	97	75	75	75	75	1	2	5	10	10	13.0
Dolichos bean	0	98.0	98.0	98	80	80	75	70	1	2	5	10	10	14.0
Peas	0	99.0	98.0	98	80	80	75	75	1	2	5	10	10	14.0
Pigeon pea	0	98.0	98.0	98	75	80	75	75	1	2	5	10	13	13
Soybean	0	99.0	98.0	98	70	70	75	70	1	2	5	10	10	12.0
Velvetbean	0	98.0	97.0	98	80	75	70	70	1	2	5	10	10	14.0
Common vetch	0	98.0	97.0	97	80	75	70	70	1	2	5	10	10	14.0
Oil Crops:														
Castor bean	0	98.0	98.0	98	80	75	70	70	1	2	5	10	10	10.0
Groundnut	0	98.0	97.0	96	75	75	70	70	1	2	5	10	10	10.0
linseed	0	98.0	98.0	97	80	75	70	70	1	2	5	200	200	10.0
Oilseed rape	0	98.0	98.0	97	85	80	80	75	100	1	200	250	10.0	10.0
Sunflower (H)	0	99.0	-	-	80	80	-	-	5	5	50	-	-	10.0
Sunflower(OP)	0	99.0	99.0	97	75	85	85	75	5	5	50	100	100	10.0
Safflower	0	98.0	98.0	96	90	85	85	75	5	5	50	100	100	12.0
Sesame	0	98.0	98.0	96	90	85	85	75	5	5	50	100	100	12.0

B. Laboratory tests (contd)

I. Quality requirements for different classes with respect to the analysis figures concerning purity, germination capacity, weed seeds and moisture content.

Species	Purity (% by weight)				Germination Capacity (% by number)				Weed seeds, excluding noxious weeds (number per kg)				Moisture Content (%)
	A-B	C ₁ -C ₃	D	QDS	A-B	C ₁ -C ₃	D	QDS	A	B	C ₁ -C ₃	D, QDS	
Fibre Crops:													
Cotton (OF)	99.0	99.0	98.0	97	70	75	70	70	5	25	50	50	10.0
Cotton (H)	99.0	99.0	-	-	70	75	-	-	-	-	50	-	10.0
Flax	99.0	98.0	98.0	97	85	80	80	75	25	25	100	200	10.0
Kenaf	99.0	98.0	98.0	98	80	75	75	75	50	100			
Root Crops:													
Beets	99.0	98.0	98.0	97	85	80	80	75	25	25	50	100	10.0
Swede	99.0	98.0	98.0	98	85	80	80	75	100	100	200	250	10.0
Turnip	99.0	98.0	98.0	98	85	80	80	75	100	100	200	250	10.0
Herbage Grasses:													
Buffel grass	75.0	70.0	60.0	55	70	60	60	60 or PLSC 33%	250	500	1000	2000	10.0
Guinea Grass	75.0	70.0	60.0	50	70	60	50	50 or PLSC 25%	250	500	1000	2000	10.0
Rhodes grass	75.0	70.0	60.0	50	70	60	50	50 or PLSC 25%	250	500	1000	2000	10.0
Rye grass	98.0	97.0	97.0	96	90	85	80	75	250	500	750	1000	10.0
Weeping love grass	90.0	85.0	80.0	80	90	85	80	75	250	500	1000	2000	10.0
Setaria grass	90.0	85.0	80.0	60	90	85	80	80	250	500	1000	2000	10.0
Paspalum grass	75.0	70.0	60.0	60	70	60	60	60 or PLSC 36%	250	500	1000	2000	10.0
	75.0	70.0	60.0	55	70	60	60	60 or PLSC 25%	250	500	1000	2000	10.0
Herbage Legumes:													
Clover	99.0	98.0	97.0	97	80	80	75	70	100	100	200	250	10.0
Glycine	98.0	97.0	97.0	97	80	75	70	60	100	100	200	250	10.0
Lucerne	99.0	98.0	98.0	98	80	80	75	70	100	100	200	250	10.0
Siratro	99.0	98.0	98.0	97	90	85	80	70	100	100	200	250	10.0
Sylo	99.0	98.0	98.0	97	75	70	65	60	100	100	200	250	10.0

B. Laboratory tests (contd)
I. Quality requirements for different classes with respect to the analysis figures concerning purity, germination capacity, weed seeds and moisture content.

Species	Purity (% by weight)			Germination Capacity (% by number)			Weed seeds, excluding noxious weeds (number per kg)				Moisture Content (%)	
	A-B	C ₁ -C ₃	D	A-B	C ₁ -C ₃	D	QDS	A	B	C ₁ -C ₃		D, QDS
Vegetables:												
Beets	99.0	98.0	98.0	85	80	80	80	25	50	75	100	10.0
Cabbage	99.0	98.0	98.0	85	80	80	80	25	25	50	100	8.0
Carrot	98.0	97.0	97.0	75	75	70	70	200	250	300	350	8.0
Cauliflower	99.0	98.0	98.0	85	80	80	80	25	25	50	100	8.0
Kale	99.0	98.0	98.0	85	80	80	80	25	50	75	100	8.0
Leek	99.0	98.0	98.0	80	75	75	75	25	25	50	100	8.0
Lettuce	98.0	98.0	97.0	80	75	75	75	50	50	100	200	7.0
Onion	99.0	99.0	98.0	75	70	70	70	25	25	50	100	8.0
Peas	99.0	99.0	98.0	80	75	75	75	1	2	5	10	14.0
Pepper	99.0	98.0	98.0	75	70	70	70	25	25	50	100	8.0
Pumpkin	99.0	98.0	98.0	80	75	75	75	25	25	50	100	8.0
Rape	99.0	98.0	98.0	85	80	80	80	100	100	200	250	7.0
Sweet corn	99.0	99.0	98.0	85	80	80	80	1	2	5	10	13.5
Tomato	99.0	99.0	98.0	85	85	80	80	1	2	5	10	8.0
Water melon	99.0	98.0	98.0	80	75	75	75	25	25	50	100	8.0
Stimulant Crops:												
Tobacco	99.0	99.0	98.0	90	85	85	85	50	50	100	200	8.0

Notes:

The following seeds are evaluated as germinable:

- (a) 75% fresh ungerminated seeds of cereals; pulses and herbage legumes.
 (b) 75% hard seeds of herbage legumes.
 (c) 50% of hard seeds in pulses.

Species	Certification Classes				
	A	B	C ₁	C ₂ -C ₃	D
Cereals					
Barley	0.1	0.1	0.3	1.0	2.0
Maize	0.1	0.1	0.3	1.0	2.0
Rice	0.5	0.5	1.0	1.5	2.0
Sorghum	0.1	0.1	0.3	0.5	1.0
Wheat	0.1	0.1	0.3	1.0	2.0
Pulses:					
Beans	0.1	0.1	0.2	0.2	1.0
Broad beans	0.1	0.1	0.2	0.2	1.0
Cowpea	0.1	0.1	0.2	0.2	1.0
Peas	0.1	0.1	0.3	1.0	2.0
Soyabean	0.1	0.1	0.2	0.2	1.0
Oil Crops:					
Groundnut	0.1	0.1	0.2	0.2	1.0
Sunflower	1.0	1.0	2.0	2.0	3.0

Notes:

- Even though the minimum requirements for certification have been fulfilled the certification of a seed lot shall be refused or permitted in a lower class if:
- (a) the seed to a great extent (more than 15%) is mixed with ergots or infected with seed-borne diseases and insects;
- (b) because of mould or musty smell the seed cannot be considered to stand storage without loss in germination capacity;
- (c) After considering the cultivar and the year's crop growth the seed is of unsatisfactory quality with regard to cleaning, scarifying or grading.

Species	Foreign cultivars including off-types, Maximum permitted percentage by number			
	A	B	C ₁	C ₂ -C ₃
Cereals				
Barley	0.1	0.1	0.3	1.0
Maize	0.1	0.1	0.3	1.0
Millet, Finger	0.3	0.4	0.8	2.0
Millet, Pearl	0.3	0.3	0.6	2.0
Oats	0.1	0.1	0.3	1.0
Rice	0.1	0.1	0.3	1.0
Rye	0.3	0.3	0.6	2.0
Sorghum	0.3	0.4	0.8	2.0
Triticale	0.3	0.3	0.6	2.0
Wheat	0.1	0.1	0.3	1.0
Pulses:				
Beans	0.1	0.1	0.3	1.0
Broad bean	0.3	0.3	0.6	2.0
Cowpea	0.3	0.3	0.6	2.0
Peas	0.1	0.1	0.3	1.0
Soyabean	0.1	0.1	0.3	1.0
Common vetch	0.1	0.1	0.3	1.0
Oil Crops:				
Castor bean	0.1	0.1	0.3	1.0
Groundnut	0.1	0.3	1.0	2.0
Oilseed rape	0.3	0.3	1.0	2.0
Sunflower	1.5	1.5	2.5	4.5
Fibre Crops:				
Cotton	0.1	0.1	0.3	1.0
Flax	0.1	0.1	0.3	1.0
Kenaf	0.1	0.1	0.3	1.0
Root Crops:				
Beet	0.1	0.1	0.3	1.0
Swede	0.3	0.3	1.0	2.0
Turnip	0.3	0.3	1.0	2.0
Herbage Grasses:				
Buffel grass	0.3	0.3	1.0	2.0
Guinea grass	0.3	0.3	1.0	2.0
Rhodes grass	0.3	0.3	1.0	2.0
Rye grass	0.3	0.3	1.0	2.0
Weeping lovegrass	0.3	0.3	1.0	2.0
Herbage Legumes:				
Clover	0.1	0.1	0.3	1.0
Glycine	0.3	0.3	1.0	2.0
Lucerne	0.1	0.1	0.3	1.0
Siratiro	0.3	0.3	1.0	2.0
Stylo	0.3	0.3	1.0	2.0
Vegetables:				
Beets	0.1	0.1	0.3	1.0
Cabbage	0.3	0.3	1.0	2.0
Carrot	0.2	0.2	0.4	1.5
Cauliflower	0.3	0.3	1.0	2.0
Kale	0.3	0.3	1.0	2.0
Leek	0.3	0.3	1.0	2.0
Lettuce	0.1	0.1	0.3	1.0
Onion	0.3	0.3	1.0	2.0

Vegetables:

Beets	0.1	0.1	0.3	1.0
Cabbage	0.3	0.3	1.0	2.0
Carrot	0.2	0.2	0.4	1.5
Cauliflower	0.3	0.3	1.0	2.0
Kale	0.3	0.3	1.0	2.0
Leek	0.3	0.3	1.0	2.0
Lettuce	0.1	0.1	0.3	1.0
Onion	0.3	0.3	1.0	2.0
Peas	0.1	0.1	0.3	1.0
Pepper	0.2	0.2	0.4	1.5
Pumpkin	0.1	0.1	0.3	1.0
Rape	0.3	0.3	1.0	2.0
Tomato	0.1	0.1	0.3	1.0
Sweet corn	0.1	0.1	0.3	1.0
Water melon	0.1	0.1	0.3	1.0

Stimulant Crops:

Tobacco	0.3	0.3	1.0	2.0
---------	-----	-----	-----	-----

NOTES: In view of the frequency of disease infection the S.C.C.I. determines in every special case whether the seed lot can be approved in the respective classes or not.

2. STANDARDS FOR CERTIFIED SEED - Potato Seeds

Standards for Field Inspection, Virus Post-Control, Tuber Control and Control Growing.

Quality class (Code)	Field Inspection			Virus Post Control (maximum severe virus diseases(%))	Tuber control Defect Index (highest value)	Control Growing Defect Index (highest value)
	Isolation (meters)	Defect Index (highest value)	Off-type (plants/100m ²)			
S1(S2,S3)	15	1	1	0.1	10	3
SE	10	4	1	0.8	10	8
E1	5	8	2	-	10	15
E2	5	8	2	-	10	15
A	5	12	3	-	15	-
B	5	15	6	-	15	-

NOTES: Field Inspection

1. The isolation refers to the distance between the potato crop for certification and potato crops of lower quality classes or volunteer potato plants. Between different cultivars of the same quality class the isolation shall be at least 5 meters.
2. Diseased plants, plants of other cultivars and off-type plants shall be recorded as percentage by number; and the percentages found shall be multiplied by the appropriate factors set out in note 3, and the defect index for the particular field.
3. The factors to obtain the defect index for a field inspection shall be as follows:

<i>Defect</i>	<i>Factor</i>
Potato Leaf roll virus (PLRV)	10
Severe mosaic	8
Black leg	3
Verticillium wilt	2
Fusarium wilt	2
Wildings	2
Cultivar mixtures	1
Off-types	1
Mild mosaic	1
Bolters	1

Tuber control

1. Diseased, damaged and severely misshaped tubers and tubers deviating in size from the grade size shall be recorded as percentage by number; and the percentages found shall be multiplied by the appropriate factors as set out in note 2 and the various products so obtained shall be added together to give the defect index for the seed lot.
2. The factors to obtain the defect index for the tuber control of a potato seed lot are as follows:

	<i>Defect</i>	<i>Factor</i>
Pink rot	10	
Pythium rot	10	
Soft rot	10	
Spindle tuber	10	
Black leg	3	
Fusarium	3	
Phytophthora	3	
Other dry rots	3	
Root knot nematodes	3	
Alternaria	1	
Black heart	1	
Black scurf	1	
Sunscald	1	
Tuber moth	1	
Cut worms	0.5	
Other insect damages	0.5	
Heel end necrosis	0.5	
Internal heat necrosis	0.5	
Mechanical damage	0.5	
Powdery scab	0.5	
Spring	0.5	
Common scab	0.25	
Cracks	0.25	
Severely misshaped tubers	0.25	
Tubers of deviating size	0.25	

3. For the purposes of an examination the following shall be ignored:
- (i) attacks by *Black scurf*, *Common scab*, and *Powdery scab* if the area covered is less than 10 percent of the total tuber;
 - (ii) mechanical damages, cut worms damages, other insect damages and cracks if the area covered is less than 10 percent of the total tuber area or if the penetrating depth is less than 10 percent of the tuber;
 - (iii) *internal heat necrosis* and *Spraing* covering less than 10 percent of the cut surface;
 - (iv) diffuse *brown spotting*; and
 - (v) size deviating of less than 5 percent of the total tubers.
4. If in the case of defects with a factor of 10 or 3, the product of the percentage of defective tubers and the appropriate factor exceeds 5, the seed lot shall be rejected.

General note

1. For Wart Disease (*Synchytrium endobioticum*); Bacterial Wilt; Brown Rot; Ring Rot (*Pseudomonas solacearum* and *Corynebacterium sepedonicum*) and Potato Cyst Nematode (*Globodera sp.*) the tolerance is nil at FIELD INSPECTION, TUBER CONTROL and CONTROL GROWING for all classes.
2. If a potato seed lot does not reach the standards for the class it has been grown; it may be approved in a lower class, or rejected for certification if found to be of a lower standard than that prescribed for Certified Seed 4th generation.

(D) SEED CERTIFICATION STANDARDS FOR DISEASES

CROP	BASIC SEED	CERTIFIED IST
<i>Groundnut, Arachis hypogaea L.</i>		
Ralstonia solanacearum	0 (at final inspection)	0 (at final inspection)
Groundnut Rosette virus	0.5	0.5
Early leaf spot (Mycosphaerella arachidis)	0.5	0.5
Late leaf spot	0.5	0.5
<i>Soybean, Glycine max L. Merrill</i>		
Soybean mosaic virus SMV %	0	0.02
Cercospora kikuchii Purple stain %	2.5	2.5
Xanthomonas axonopodis Bacterial pustule	0	0
Pseudomonas savastanoi	0	
<i>Cotton Hybrid, Gossypium hirsutum L.</i>		
Bacterial blight	0	0
Alternaria alternate	0	0
Leaf curl virus	0	0
<i>Sunflower OPV, Helianthus annuus L.</i>		
Sclerotinia sclerotiorum Color rot (At final inspection)	0	0
Verticillium dahliae Verticillium wilt	0	0
Plasmopara halstedii Downy mildew %	0	0.2
Alternaria helianthi Leaf blight of sunflower (%)	0	0.2
Botryotinia fuckeliana Grey mould of sunflower (%)	0.5	1
<i>Sunflower Hybrid, Helianthus annuus L.</i>		
Sclerotinia sclerotiorum Color rot (At final inspection)	0	0
Verticillium dahliae Verticillium wilt	0	0
Plasmopara halstedii Downy mildew (%)	0	0.2
Alternaria helianthi Leaf blight of sunflower (%)	0	0.2
Botryotinia fuckeliana Grey mould of sunflower (%)	0.5	1

Sunflower yellow ringspot virus	0.5	0.5
Rice, <i>Oryza sativa</i> L. (hybrid)		
Magnaporthe grisea Rice blast (piricularia) %	0.1	0.5
Aphelenchoides besseyi White tip nematode	0	0

Rice, <i>Oryza sativa</i> L. (varieties)		
Magnaporthe grisea Rice blast (piricularia) %	0.1	0.5
Aphelenchoides besseyi White tip nematode	0	0
Pearl Millet, <i>Pennisetum glaucum</i> L.		
Downy mildew	0.5	0.5
Smut	0	0
Ergot	0	0
Rust	0	0
Beans, <i>Phaseolus vulgaris</i> L.		
Bean common mosaic virus %	0	0.1
Bean necrotic mosaic virus	0	0.1
Collectotrichum lindeuthianum Anthracnose of bean %	0.02	0.02
Pseudomonas phaseolicola Halo blight %	0	0.05
Pseudomonas syringae pv. syringae Bacterial canker	0	0.05
Phaeoisariopsis griseola	0.02	0.05
Xanthomonas phaseoli Bacterial blight of bean	0	0.05
Angular bean leaf spot	2.0	2.0
Rust	0.5	0.5

<i>Sorghum</i> OPV, <i>Sorghum bicolor</i> L. Moench		
Sporisorium sorghi Covered kernel smut (%)	0.1	0.2
Peronosclerospora sorghi Mildew (%)	0.1	0.2
Ergot (<i>Claviceps Africana</i>)	0.1	0.1

<i>Sorghum hybrid, Sorghum bicolor L. Moench</i>			
Sporisorium sorghi	covered kernel smut (%)	0.1	0.2
Peronosclerospora sorghi	Mildew (%)	0.1	0.2
Ergot (Claviceps Africana)		0.1	0.1
<i>Wheat, Triticum aestivum L. emend</i>			
Tilletia barclayana	Kernel bunt	0	0
Ustilago nuda	(Loose smut)	0	0
Stem rust		0.5	0.5
Leaf rust		0.5	0.5
Leaf blotch		0.5	0.5
Wheat streak mosaic virus		0	0
Wheat spindle streak mosaic virus		0	0
Barley strip mosaic virus		0	0
Wheat dwarf virus		0	0
<i>Maize OPV, Zea mays L.</i>			
Sphacelotheca reiliana	Head smut (at final inspection)	0	0
Ustilago zaeae	Common smut (at final inspection)	0	0
Sporisorium	cruentum Loose smut (at final inspection)	0	0
Maize lethal necrosis disease		0	0
<i>Maize Hybrid, Zea mays L.</i>			
Sphacelotheca reiliana	Head smut (at final inspection)	0	0
Ustilago zaeae	Common smut (at final inspection)	0	0
Sporisorium	cruentum Loose smut (at final inspection)	0	0
Gray leaf spot		0.5	0.5
Maize lethal necrosis disease		0	0

SIXTH SCHEDULE

A. COMPOSITION OF THE VARIETY RELEASE COMMITTEE MEMBERS

(Regulation 36)

No.	INSTITUTION	DESIGNATION	STATUS
1	Seed Control and Certification Institute	Controller of Seed	Member
2	Seed Control and Certification Institute	Seed Specialist	Member
3	Zambia Agriculture Research Institute	Plant Pathologist Specialist	Member
4	Zambia National Farmers Union	Representative	Member
5	National Association for Peasant and Small Scale Farmers of Zambia	Representative	Member
6	University of Zambia, School of Agricultural Sciences, Crop Science Department	Private Plant Breeder	Member
7	Zambia Agriculture Research Institute	Government Plant Breeder	Member
8	Zambia Agriculture Research Institute	Farming Systems Specialist	Member
9	Zambia Seed Trade Association	Representative	Member
10	Zambia National Farmers Union	Farmer	Member
11	Department of Agriculture	Crops Extension Specialist	Member
12	Seed Control and Certification Institute	Secretariat	Member

B. **LISTS FOR THE PROVISION OF PRE-RELEASED VARIETIES**
(Regulation 41)

Tabulated below are the details on the maximum quantities of seed that can be allowed for importation when the variety is pre-released.

CROPS	QUANTITIES
Maize	10.0 tons
Wheat	1.0 tons
Sorghum	500 kg
Millets	100 kg
Rice	600 kg
Barley	1.0 tons
Soybeans	5.0 tons
Cowpeas	500 kg
Beans	1.0 tons
Cotton	500 kg
Sunflower	100 kg
Herbage	140 kg
Tobacco	80 grams
Potato (tubers)	30 tons
Potato (TPS)	1 kg
Groundnuts	5.0 tons
Vegetables: larger seeds	200 kg
Vegetables: small seeds	100 kg
Green manure	150 kg
Pigeon Pea	350 kg

Note: For crops NOT LISTED, the quantity will be determined by Institute

ii. **Minimum Quantity of seed to be submitted for Trials**

(Regulation 42)

NO.	CROP	DUS TESTING	VARIETY TESTING
1	Maize	1.0kg	4kg
2	Wheat, Sorghum, Millet, Rice, Barley and other small grains	1.0kg	2kg
3	Soya beans, Cowpea and other food legumes, Beans	1.0kg 1.0kg	2kg 4kg
4	Cotton, sunflower	1.0kg	2kg
5	Herbage legumes, Grasses	0.5kg	1kg
6	Tobacco	0.2g	1.5g
7	Vegetables	5.0kg	10g
8	Potato and other tubers	25kg	75kg
9	Groundnut	1.0kg	4kg

Seed should be submitted by 31st March for irrigated crops and 30th September for rain-fed crops.

SEVENTH SCHEDULE
(Regulation 48)

PRESCRIBED FEES

A. Licences

Registration as Seed Grower per HA:	Fee units
Potato	250 per hectare
Hybrid crops	200 per hectare
Other crops	150 per hectare
Quality declared seed	100 per hectare basis
Late registration	25% more on original fee

B. LICENCES

Seed Seller

(a) Wholesale and Retail	600 per annum
(b) Wholesale	550 per annum
(c) Retail	300 per annum

-Seed Inspector's Licence	400 per annum
-Seed Analyst's Licence	400 per annum
-Seed Sampler's Licence	400 per annum
-Seed Testing Lab. Licence	1000 per annum
-Seed Processing Licence	700 per annum

C. Testing of seeds 10,000 (1,000)

Species	Purity	Germination	Weed determination by Number	Moisture Content
	Fee units	Fee units	Fee units	Fee units
Cereals	100	100	100	100
Pulses	100	100	100	100
Oil crops	100	100	100	100
Fibre crops	100	100	100	100
Cotton <i>fiday</i>	100	100	100	100
Cotton acid	100	100	100	100
Herbage grasses	100	100	100	100
Herbage Legumes	100	100	100	100
Vegetables	100	100	100	100
Stimulant crops	100	100	100	100
Tobacco	200	200	200	200
Others	100	100	100	100
Flowers	100	100	100	100

D. VARIETY TESTING AND REGISTRATION

	<i>US Dollar</i>
Application for pre-release	20.00/application
Application for release	20.00 per application
Distinctness, Uniformity and Stability testing	150.00 per variety per year
National variety release trials	150.00 per variety per site per year
Control growing	50.00 per seed lot per site
Purchase of VCU Report	50.00 per variety
Purchase of DUS Report	50.00 per variety

E. MISCELLANEOUS TESTS

<i>Description</i>	<i>Fee units</i>
Seed Health Test	
- Mycological	200
- Bacteriological	200
- Virological	200
- Verification of cultivars	150
Tuber control	200 per plot
TZ Test	200
Weight per 1000 seeds (per test)	150
Defect test	150
Grading	150
Tobacco Blowing	200 per Kg of uncleaned material to be determined
Other	83

F. CERTIFICATES

	<i>Fee Units</i>
ISTA-Orange International Seedlot Certificates	400 per seedlot
ISTA-Blue International Seed Sample Certificate	400 per seedlot
Notice to Import Seeds	
- Vegetables	250 per seedlot
- other crops	250 per seedlot

G. TRAINING COSTS

	<i>Foreign National</i>	<i>Zambian</i>
	<i>US \$ per day</i>	<i>US\$ per day</i>
G1. Attachment to:		
Official Seed Testing Station (OSTS)	50	20
Official Seed Inspectorate Service (OSIS)	50	20
Seed Research and Development Unit (SRDU)	50	20

G2. Training material

Books	55.00/copy	25.00/copy
Booklets	10.00/copy	5.00/copy
Other bound lecture material	5.00/copy	5.00/copy

H. **Appeal** 18,000 Fee Units

Notes

1. The charges for ISTA Certificates are in addition to the fees for seed testing.
2. Double the normal fees shall be charged for the tests required to be done immediately and not in the normal sequence.
3. Fees for seed testing are charged per test.
4. Training costs do not include cost of training materials, board and lodging.

M. KATAMBO,
Minister of Agriculture

LUSAKA

22nd March, 2018

[MAL.64/9/4]