

THE UNITED REPUBLIC OF TANZANIA

*Supplement No. 11*

*31<sup>st</sup> March, 2023*

*SUBSIDIARY LEGISLATION*

*To The Gazette of the United Republic of Tanzania No. 11 Vol. 104 Dated 31<sup>st</sup> March, 2023*

*Printed by The Government Printer, Dodoma by Order of Government*

GOVERNMENT NOTICE No. 252 published on 31/3/2023

THE SEEDS ACT,  
(CAP. 308)

REGULATIONS

*(Made under section 33)*

THE SEED (AMENDMENTS) REGULATIONS, 2023

Citation

G.N. No.  
37 of 2007

1. These Regulations may be cited as the Seed (Amendments) Regulations, 2023 and shall be read as one with the Seed Regulations, 2007 hereinafter referred to as the “principal Regulations”.

Amendment of  
regulation 3

2. The principal Regulations are amended in regulation 3 by deleting subregulation (2) and substituting for it the following:

“(2) The applicant shall submit-

- (a) a certificate of training on seed from TOSCI;
- (b) a copy of Memorandum and Articles of Association;
- (c) a certificate of registration and extract from the register from a recognized Authority;
- (d) a valid business license;
- (e) Tax Identification Number (TIN);
- (f) proof of payment of applicable fees as

set out in the Sixth Schedule; and  
(g) any other applicable requirements”.

Amendment of  
regulation 7

3. The principal Regulations are amended in regulation 7-

(a) in subregulation (2) by deleting the words “application fees and” appearing in paragraph (d);

(b) in subregulation (4), by-

(i) deleting the full stop appearing at the end of paragraph (d) and substituting for it a semicolon; and

(ii) adding immediately after paragraph (d) the following:

“(e) on-farm trial and farmers assessment data”.

Amendment of  
regulation 26

4. The principal Regulations are amended in regulation 26 by deleting subregulation (2) and substituting for it the following:

“(2) Any variety released and registered in Tanzania pursuant to regulation 4 and 8 and any other variety registered in accordance with agreement for harmonization of seeds policy and legislations with Tanzania shall be eligible for certification”.

Amendment of  
regulation 42

5. The principal Regulations are amended in regulation 42 by deleting subregulation (2) and substituting for it the following:

“(2) The application made under subregulation (1) shall be accompanied with documentary evidence showing that the applicant is trained on principles and practices of seed testing, field or seed inspection, seed conditioning or seed sampling by the Institute.”

Amendment of  
First Schedule

6. The principal Regulations are amended in the First Schedule by adding immediately after table 17

appearing in Part II the following:

“TABLE 18

Applicable to:

Grafted Avocado - *Persea americana* (L.)

Factor	Class			
	Pre-basic	Basic	Certified 1	Certified 1
Land/site Requirement:				
Number of volunteer plants	0	0	0	0
Field inspection				
(a) Root stock				
A minimum of number of inspection shall be made before grafting when the rootstock has attained graft able stage	-	-	1	1
(b) Mother plant				
A minimum number of inspections shall be made at vegetative and fruit maturity respectively for health and fruit quality of the mother tree.	2	2	2	2
The Scions should be of desired mature plants at the minimum age of years.	7	7	7	7
Scions may also be obtained from scion garden developed from desired mature plants at the minimum age of years.	7	7	7	7
For scion garden a minimum number of inspection shall be made within 30 days after transplanting	1	1	1	1
Time for inspector to be notified after transplanting (days)	14	14	14	14
(c) Grafted clones				
A minimum number of inspection shall be made before the sale of the clones after attaining the specified size to verify relevant factors	1	1	1	1
Isolation distance (m)				
Field of other varieties	1	1	1	1

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Fields of the same variety not conforming to varietal purity requirements for certification	1	1	1	1
Size of container (cm)				
The size in diameter of containers in clone propagation plots shall be minimum	12	12	12	12
The height size of containers in clone propagation plots shall be minimum	25	25	25	25
Rotation				
Maximum number of production season of seedlings in the same plot	3	3	3	3
Clone standards				
Number of pure living clones minimum (%)	99.5	99.5	98	98
Number of other living plants including Rootstock maximum (%)	0.5	0.5	0.2	0.2
Plants infected with dieback (maximum)	0	0	0	0
Phytophthora cinnamon	0	0	0	0
Sunblotch viroid	0	0	0	0
Plants infected with malformation	0	0	0.2%	0.2%
Clone specifications:				
The minimum diameter of the stock (cm)	1	1	1	1
Minimum height of the grafting shall range from (cm)	30	30	30	30
The minimum diameter of grafts at 10 cm above the graft union (cm)	1	1	1	1
Height of scion after grafting ready for transplanting (cm):	20	20	20	20
Maximum (%) of clones not conforming to above specifications	5	5	5	5

Root stock:

- Root stock shall not be obtained from the same variety as a scion unless compatibility proven.
- Root stock should be healthy and free from diseases.

## Mother plant:

- Mother plant should be healthy, true to type and free from diseases and insect pests.
- Mother plant should be certified for the desirable characters by inspector.

TABLE 19

Applicable to:

Banana - *Musa spp (L.)*

Factor	Class			
	Pre-Basic	Basic	Certified 1	Certified 2
1. Land history:				
(a) number of volunteer plants;	0	0	0	0
(b) presence of soil borne diseases; ( <i>Fusarium wilt</i> )	-	0	0	0
(c) minimum isolation distance for potted plants between varieties in screen house (m);	-	1	1	-
(d) minimum isolation distance between varieties in the field (m);	-	-	-	3
(e) minimum isolation distance from fields of other banana plants (m);	-	-	-	100
(f) minimum isolation distance from fields of other banana plants in slope areas (m).	-	-	-	150
2. Minimum number of inspection (Mother plant, Clone, Suckers) before sale	1	1	1	1
3. Minimum diameter of potting materials (cm)	-	10	10	-
4. off-type (%)				
5. clones (%)	0.5	2	2	2
6. suckers (%)	-	2	2	2
7. Disease incidence				
(a) Cucumber Mosaic Virus (CMV);	0	0	0	0
(b) Banana Bunchy Top Virus (BBTV);	0	0	0	0

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(c) Banana Streak Virus (BSV);	0	0	0	0
(d) Banana Xanthomonas Wilt (BXW);	0	0	0	0
(e) Banana Bract Mosaic Virus (BBMV);	0	0	0	0
(f) Panama or <i>Fusarium wilt</i> .	0	0	0	0
8. Pests:				
(a) nematodes (%);	0	0	2	5
(b) banana weevil (%).	0	0	2	5
9. Clone/Suckers harvest standard:				
(a) Genetic fidelity vs DNA reference sample (sample size 0.1% plants or 10 minimum);	99.5	-	-	-
(b) minimum number of cycles in banana tissue culture;	8	-	-	-
(c) minimum diameter of suckers/clone at the middle of the stem (cm).	1	3	5.0	5.0

For Tissue Culture (TC) seedling soil and nursery bed shall be treated after every year.

For Macro propagation growth media shall be changed after every year.

For Field Sucker nursery plot shall be rotated after every eight (8) years.

For Mother plants virus indexing shall be performed.

TABLE 20

Applicable to:  
Tea - *Camellia sinensis* L.

Factor	Class		
	Pre-Basic	Basic	Certified
1. Land history and requirements			
(a) number of volunteer plants	0	0	0
(b) minimum isolation distance of mother plants (m)			
(a) field of the same variety	2	2	2
(b) field between different varieties and same varieties not conforming to variety purity required for certification	3	3	3
(c) maximum off-types (%)	0.1	0.1	0.2
2. Potting bag size			
(a) minimum height of potting bag (cm)	20	20	20
(b) minimum diameter of potting bag (cm)	10	10	10
3. Minimum number of inspections			
(a) mother bush field;	1	1	1
(b) nursery	1	1	1
4. Cuttings specifications (cm):			
(a) minimum cutting diameter	0.5	0.5	0.5
(b) minimum length of single node cuttings	3	3	3
(c) maximum length of single node cuttings	5	5	5
(d) minimum length of double node cutting	6	6	6
(e) maximum length of double node cutting	10	10	10
(f) minimum seedling height before transplanting	15	15	15
(g) maximum seedling height before transplanting	40	40	40

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5. Seedling specification			
(a) minimum seedling height before transplanting (cm)	15	15	15
(b) maximum seedling height before transplanting (cm)	60	60	60
(c) maximum number of decentering (where deemed fit)	1	1	1
6. Pests			
Root knot nematode incidence (%)	0	0	1



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TABLE 21

*Applicable to:*  
Grape Vines - *Vitis vinifera* (L.)

<i>Factor</i>	<i>Class</i>		
	<i>Pre-basic</i>	<i>Basic</i>	<i>Certified</i>
1. Land history			
(a) minimum number of volunteer plants	0	0	0
(b) field rotation (season)	1	1	1
(c) minimum isolation distance (m)			
(i) field of other variety (m)	15	15	15
(ii) field of the same variety not conforming to variety purity required for certification (m)	15	15	15
2. Mother field standards			
(a) number of inspections per year (fruit ripening)	1	-	-
(b) minimum age of mother plant (years)	3	-	-
(c) off-types (%)	0	-	-
3. Nursery standards			
(a) Scion standards			
(i) minimum scion length (cm)	-	15	-
(ii) minimum scion diameter (cm)	-	1	-
(iii) minimum number of nodes per scion	-	3	-
(b) Rooted and rootstock cuttings standards (cm)			
(i) minimum rootstock cutting length	-	40	-
(ii) minimum rooted cutting length	-	20	-
(iii) minimum rooted cutting diameter	-	1	-
4. Maximum sprouts on the rooted cutting and	-	0	-

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scion-cutting (%)			
(a) spacing between clones (grafted or non-grafted) in propagation plot (cm)	-	10	-
(b) spacing between rows of non-grafted clones in propagation plot (cm)	-	15	-
(c) spacing between rows of grafted clones in propagation plot (cm)	-	20	-
(d) minimum number of inspections between 4 to 6 months from planting	-	1	-
(e) diameter of the sprout at 15cm from the sprouting point (cm)	-	0.6	-
(f) Off-types (%)	-	0	-
5. Grafted clones standards			
(a) minimum diameter of scion sprout at 15cm from the sprouting point (cm)	-	-	0.6
(b) off-types (%)	-	-	0
6. Seed health standards (%)			
Grapevine leaf roll virus disease (incidence %)	0	0	0
7. Post-harvest seedling standards			
(a) minimum number of nodes on the rooted-cutting sprout or on scion-cutting sprout	-	2	2
(b) minimum root length after root trimming (cm)	-	10	10
(c) maximum number of rooted cuttings or grafted grape vine per bundle.	-	200	200

TABLE 22

Applicable to:  
Cocoa - *Theobroma cacao* (L.)

<i>Factor</i>	<i>Class</i>		
	<i>Pre-Basic</i>	<i>Basic</i>	<i>Certified</i>
<b>1.</b> Land history			
Volunteer plant	0	0	0
<b>2.</b> Mother orchard for seed propagation			
Isolation distance (m)			
Field of other variety or same varieties not conforming to variety purity required for certification	150	100	50
<b>3.</b> Minimum number of inspections	1	1	1
<b>4.</b> Diseases Incidence (%):			
(a) Black pod	0	0.5	2
(b) Frost pod	0	0.5	2
(c) Die back	0	0.5	2
(d) Witches broom	1	2	5
(e) Swollen shoot virus	0	0	0.5
<b>5.</b> Seedlings specification			
(a) minimum seedling age (Months)	4	4	4
(b) maximum seedling age (Months)	6	6	6
(c) off types (%)	1	3	5
<b>6.</b> Clonal propagated			
Isolation distance (m)			
Field of other variety or the same varieties not conforming to variety	5	5	5

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purity required for certification			
<b>7.</b> Number of inspections			
(a) Rootstock	1	1	1
(b) Scion	1	1	1
(c) Grafted clones	1	1	1
<b>8.</b> Rootstock specifications:			
(a) age of root stock ( months )	3	3	3
(b) minimum diameter of root stock (cm)	0.6	0.6	0.6
<b>9.</b> Scion specifications:			
(a) age of mother plants (years)	5	5	5
(b) minimum length of scion stick (cm)	10	10	10
(c) minimum number of buds	2	2	2
<b>10.</b> Size of potting material in Nursery (cm)			
(a) width	10	10	10
(b) height	20	20	20
<b>11.</b> Clone specification			
(a) minimum height of graft (cm)	15	15	15
(b) maximum height of graft (cm)	25	25	25
(c) number of suckers for grafted clone	0	0	0
(d) minimum seedling height at transplanting (cm)	25	25	25
(e) maximum seedling height at transplanting (cm)	40	40	40
(f) minimum pure clones (%)	99.5	99.5	98

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(g) maximum of other plants including rootstocks (%)	0.5	0.5	2
<b>12.</b> Pests and diseases			
(a) Anthracnose (%)	0	0	0.2
(b) Root knot nematodes (%)	0	0	0
(c) Plants with malformation	0	0	2
(d) Mealy- bugs (%)	0	0.2	0.5

The root stock shall be obtained from local adaptive and compatible with the intended scions.

Soil for potting and nursery bed seedling shall be treated after every year.

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TABLE 23

*Applicable to:*

*Coffee - Coffea arabica L. and Coffea canephora P ex Fr.*

<i>Factor</i>	<i>Class</i>		
	<i>Pre Basic</i>	<i>Basic</i>	<i>Certified</i>
<b>1.</b> Land history			
minimum number volunteer plants	0	0	0
<b>2.</b> Mother orchard for seed propagation			
isolation distance:			
(a) Arabica coffee (m)	100	100	100
(b) Robusta coffee (m)	200	150	150
(c) minimum number of inspections	1	1	1
<b>3.</b> Root stock			
(a) isolation distance (m)	5	5	5
(b) minimum number of inspections	1	1	1
<b>4.</b> Cutting specifications			
(a) minimum number of nodes per cutting	1	1	1
(b) maximum number of nodes per cutting	3	3	3
<b>5.</b> Mother plant: scion clonal propagated			
(a) isolation distance (m)	2	2	2
(b) minimum number of inspection (before shoot harvesting)	1	1	1
(c) minimum pure clones (%)	99.5	98.0	97.0
(d) maximum of other plants including rootstocks (%)	0.5	2.0	3.0
<b>6.</b> Diseases:			

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(a) Anthracnose - CBD (%)	0	0.2	0.5
(b) Coffee wilt disease (%)	0	0	0
(c) Coffee leaf rust disease (%)	0	0.5	1
(d) Insect pests incidence (%): mealy-bugs, coffee scale, lace bugs,	0	0.2	0.5
(e) Nematodes incidence (%): Root knot nematode	0	0	0
<b>7.</b> Clone specifications (cm):			
(a) minimum height of the grafting point	12	12	12
(b) minimum diameter of the stock at grafting point	0.6	0.6	0.6
(c) minimum diameter of grafts at 10 cm above the graft union	0.6	0.6	0.6
(d) minimum height of the grafted plant before sell	25	25	25
(e) suckers	0	0	0
<b>8.</b> Nursery			
(a) size of containers			
(i) Width (cm)	10	10	10
(ii) Depth (cm)	15	15	15
(b) distance between varieties in nursery (m)	1	1	1
(c) minimum number of inspections	1	1	1
<b>9.</b> Laboratory standards: seed propagated			
(a) minimum pure seed (%)	99.5	98.0	97.0
(b) maximum other seed (%)	0.5	2.0	3.0
(c) minimum moisture content (%)	13	13	13
(d) maximum moisture content (%)	20	20	20

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(e) germination (%)	75	75	75
<b>10.</b> Sample weights (kg):			
submitted sample	1.0	1.0	1.0

The root shall be obtained from local adaptive and compatible with the intended scions  
Soil for potting and nursery bed seedling shall be treated after every year.  
Cuttings' rooting media shall be treated each after one batch and changed after every  
year.



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TABLE 24

*Applicable to:*  
Oil Palm - *Eleasi guinneesis L.*

<i>Factor</i>	<i>Class</i>		
	Pre – Basic	Basic	<i>Certified</i>
<b>1.</b> Land history			
volunteer plant	0	0	0
<b>2.</b> Field inspection			
(a) minimum number of inspections for male and female	1	1	1
(b) minimum inspection for oil palm seedlings at nursery	1	1	1
<b>3.</b> Laboratory seed standards (%)			
(a) minimum pure seed	99	99	98
(b) maximum inert Matters	1	1	2
(c) minimum pre-germination	70	70	70
(d) minimum moisture Content	17	17	17
(e) maximum moisture content	22	22	22
<b>4.</b> Pre- germinated seed standard (cm)			
(a) maximum length of shoot	4	4	4
(b) minimum length of shoot	4	4	4
<b>5.</b> Nursery Standards (cm)			
(a) maximum potting material size in primary nursery- height	17	17	17
(b) maximum potting material size in primary nursery – width	8	8	8
(c) maximum potting material size in secondary nursery – height	38	38	38
(d) maximum potting material size in secondary nursery – width	24	24	24
(e) minimum distance between Seedlings (cm).	50	50	50
<b>6.</b> Specific requirements (%)	17		

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(a) minimum genetic purity for male	99	98	97
(b) minimum genetic purity for female	99	98	97
(c) maximum off-type	1	2	3
<b>7. Diseases</b>			
(a) Fungal infection (%)			
(i) <i>Fusarium oxysporum</i>	0.1	1	1
(ii) <i>Ganoderma spp.</i>	0.1	1	1
(b) Insect pest			
Number of Rhinoceros beetle ( <i>Oxyceles rhinoceros</i> )	5	7	10

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TABLE 25

*Applicable to:*

*Cashew - Anacardium occidentale*

<i>Factor</i>	<i>Class</i>		
	<i>Pre-basic</i>	<i>Basic</i>	<i>Certified</i>
1. Land history			
(a) minimum number of volunteer plants	0	0	0
(b) minimum of inspection	1	1	1
2. Scion mother plant standards			
(a) minimum age of mother plant developed from a true (botanical) seed for scion source (years)	7	7	-
(b) scions shall be obtained from scion garden developed from the desired mature mother plants (years)	-	1	-
(c) minimum numbers of inspection	1	-	-
3. Scion standards			
(a) minimum scion length (cm)	-	15	-
(b) minimum number of nodes per scion	-	3	
(c) minimum diameter of grafting scion (cm)		1	
(d) minimum isolation distance between varieties (m)	-	3	-
4. Mother orchard for seed propagation			
(a) minimum isolation distance from other cashew fields (m)	500	-	-
(b) minimum age of rootstock mother plant (years)	3	-	-
5. Seed laboratory standards (%)			
(a) minimum seed physical purity	-	98	-
(b) minimum seed moisture content	-	10	-
(c) maximum seed moisture content	-	14	-

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(d) minimum seed germination	-	70	-
6. Potting bag size (cm)			
(a) minimum diameter of potting bag	10	10	10
(b) minimum height of potting bag	20	20	20
7. Rootstock seedling plot standards			
(a) spacing between rootstock seedlings in propagation plot (cm)	-	10	-
(b) spacing between rows in seedlings propagation plot (cm)	-	10	-
(c) minimum height of rootstock seedlings (cm)	-	10	-
(d) maximum height of rootstock seedlings (cm)	-	25	-
(e) maximum per cent of constricted plants (in 1000 plant)	-	0.2	-
8. Clonal plant standards			
(a) maximum number of suckers (%)	0.2	0.2	0.2
(b) maximum number of off-types (%)	0	0	0
(c) minimum age of clonal plants before transplanting (days)	-	60	60
9. Post-harvest seedlings standards			
(a) minimum number of nodes on the clonal plants in pots	-	-	2
(b) minimum path between blocks (cm)	-	50	50
10. Diseases			
<i>Fusarium wilt</i>	0	0	0

TABLE 26

Applicable to:  
Grafted Mango - *Mangifera indica* L.

Factor	Class		
	Pre-Basic	Basic	Certified
<b>1. Land history</b>			
(a) volunteer plant	0	0	0
(b) minimum isolation distance (m)			
(i) field of other variety	1	1	1
(ii) field of the same variety not conforming to variety purity required for certification	1	1	1
<b>2. Polythene bag size (cm)</b>			
(a) minimum diameter	15	15	15
(b) minimum height	25	25	25
<b>3. Minimum number of inspections</b>			
(a) Rootstock	1	1	1
(b) Scion	1	1	1
<b>4. Scion mother plant standards</b>			
(a) minimum age of mother plant for scion source (years)	5	-	-
(b) minimum numbers of inspection of scion mother plant	1	1	-
(c) minimum number of inspection for scion garden after transplanting		1	
(d) inspection of scion garden timing after transplanting (month)		9	

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(e) inspection of grafted clones	1	1	1
<b>5. Clone specification:</b>			
(a) off-types (to be met at final inspection)	0	0	0.1
(b) malformation	0	0	5
(c) die back	0	0	1
<b>6. Root stock</b>			
(a) minimum diameter of stock (cm)	0.6	0.6	0.6
(b) minimum height of grafting point (cm)	20	20	20
(c) minimum diameter of grafts at 10 cm above the grafting union (cm)	0.8	0.8	0.8
(d) minimum height of the grafted plant (cm)	40	40	40
(e) suckers on rootstock for grafted clones (%)	0.2	0.2	0.2
<b>7. Clone standards</b>			
(a) un conforming size- maximum (%)	5	5	5
(b) minimum pure clone (%)	100	100	98
(c) maximum of other plants (%)	0	0	2

The root stock should be from local adaptive and compatible with the intended scions  
Soil for potting and nursery bed seedling shall be treated after every year.

TABLE 27

*Applicable to:*

*Papaya - Carica papaya L.*

<i>Factor</i>	<i>Class</i>		
	<i>Pre-basic</i>	<i>Basic</i>	<i>Certified</i>
1. Land History			

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minimum number of volunteer plant	0	0	0
2. Field standard			
(a) number of inspections 1 <sup>st</sup> year	2	2	2
(b) number of inspection 2 <sup>nd</sup> year	1	1	1
(c) number of inspection 3 <sup>rd</sup> year	-	-	-
(d) minimum isolation distance (m)	4,000	3,000	400
(e) off-types (%)	0	0	0.1
(f) Papaya bacterial crown rot	0	0	0.1
(g) Papaya meleira virus	0	0	0.1
(h) Papaya ring spot	0	0	0.1
3. Seed standard (%)			
(a) minimum pure seed	99.0	98	98.0
(b) minimum inert matter	1.0	2	2.0
(c) maximum other crop seeds	0	0	0
(d) minimum germination	65.0	65.0	60.0
(e) maximum moisture	7.0	7.0	7.0
(f) For vapor proof containers	6.0	6.0	6.0
4. Tissue culture propagation			
(a) maximum sub-culture cycles	6	-	-
(b) clone height minimum (cm)	15	15	15
(c) clone height maximum (cm)	35	35	35
(d) size (diameter) of planting pots (cm)	10	10	10
(e) minimum clone conformity (%)	100	98	95
(f) off-types (%)	0	0	0.1

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5. Viruses indexing			
(a) Papaya bacterial crown rot	0	0	0.1
(b) Papaya Meleira Virus	0	0	0.1
(c) Papaya ring spot	0	0	0.1
6. Grafting propagation			
(a) minimum height of the clone (cm)	20	20	20
(b) maximum height of the clone (cm)	35	35	35
(c) height of the clone from ground to union (cm)	10	10	10
(d) minimum age of mother plant (month)	6	6	6
(e) height of rootstock before grafting (cm)	25	25	25



TABLE 28

Applicable to:  
Sweet Orange - *Citrus sinensis*

Factor	Class		
	Pre-Basic	Basic	Certified
1. Land history			
(a) minimum number of volunteer plant	0	0	0
(b) minimum isolation distance (m)			
(i) field of other variety	1	1	1
(ii) field of the same variety not conforming to variety purity require for certification	1	1	1
2. Rotation (season)	2	2	2
3. Minimum number of inspections			
(a) Rootstock	1	1	1
(b) scion (at fruit maturity)	1	1	1
(c) grafted (before sale of clones or budded)	1	1	1
4. Clone specification			
(a) minimum diameter of rootstock (cm)	0.6	0.6	0.6
(b) minimum height of budding or rafting point (cm)	30	30	30
(c) minimum height of sprout (cm)	25	25	25
(d) Suckers from the rootstock (%)	0.2	0.2	0.2
5. Clone standards (%)			
(a) maximum of un conforming size	5	5	5
(b) minimum pure clone	99.5	99.5	98
(c) maximum other plants	0.5	0.5	2
6. Diseases –Mother orchard			

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(a) Die back ( <i>Phytophthora cinnamomi</i> ) (%)	0	0.2	0.5
(b) Citrus greening or Huanglong Bing (HLB)	0	0	0
(c) Psorosis ( <i>Citrus sporosis virus</i> )	0	0	0
(d) Citrus tristeza	0	0	0
7. Parasitic weed <i>cuscuta campestris</i>	0	0	0

Where screen house or reusable polysheet is used treatment is compulsory in all seed Class

Where new polysheet is used no rotation or treatment is applicable in all seed Class

TABLE 29

Applicable to:  
Sugar Cane – *Saccharum Officinarum*

<i>Factor</i>	<i>Pre-basic</i>	<i>Basic</i>	<i>Certified</i>
<b>1. Land history</b>			
Number of seasons free from sugarcane crop	2	2	1
<b>2. Minimum number of inspections</b>	3	2	2
<b>3. Minimum isolation (m): Field environment</b>			
(a) seed cane fields	10	5	5
(b) seed cane fields and commercial fields	100	50	50
<b>4. Minimum isolation (m): Screen house environment</b>			
(a) different varieties	5	5	5
(b) same variety of different Class	3	2	2
(c) number of ratoons allowed	0	0	1
(d) off-types (%) (10 counts/hectares);	0.1	0.1	1.0
(e) variety purity (%).	99	99.9	99.0
<b>5. Weeds</b>			
noxious weeds	0	0	0
<b>6. Diseases</b>			
(a) field inspection on smut – maximum incidence (%)			
(i) plant cane	0	0	0.1
(ii) ratoon crop	-	-	0.5
(b) Laboratory test on Ratoon Stunting Disease (RSD) maximum	0	0	0

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incidence (%)			
<b>7. Insect Pests</b>			
(a) maximum incidence (%) of internodes bored by African Sugarcane Stalk Borer ( <i>Eldana saccharina</i> )	0	0.5	1
(b) maximum incidence (%) of white scale ( <i>Aulacapsis tegalensis</i> )	10	25	25
(c) maximum incidence (%) of yellow sugarcane aphid ( <i>Sipha flava</i> )	0	5	5
<b>8. harvesting age (months):</b>			
<i>a) Tropical zone</i>			
(i) minimum age	6	6	6
(ii) maximum age	12	12	12
<i>b) Lake zone</i>			
(i) minimum age	10	10	10
(ii) maximum age	14	14	14
<b>9. Post-harvest</b>			
(a) Maximum height of sett (cm)	30	30	45
(b) Tissue Culture (cm)			
(i) minimum height of plantlet	12	12	12
(ii) maximum height of plantlet	15	15	15
(c) minimum number of open leaves before subsequent planting	4	4	4
(d) maximum number of eye buds per sett	3	4	4
(e) maximum number of damaged eye buds per sett	0	0	1
(f) number of aerial roots and splits	0	0	0
(g) variety purity (%)	100	99.5	99

TABLE 30

Applicable to:  
Apple - *Malus domestica*

Factor	Class		
	Pre - Basic	Basic	Certified
<b>1.</b> Land history for mother orchard			
Number of volunteer plants	0	0	0
<b>2.</b> Field inspection			
(a) minimum number of inspection for rootstock	1	1	1
(b) minimum number of inspection for mother plant/Scion	2	2	2
(c) minimum number of inspection for grafted/budded clones	1	1	1
<b>3.</b> Field standards			
(a) mother plant plots isolation distance (m)	3	3	3
(b) mother plant rootstocks spacing			
(i) length-layering or cutting method (cm)	20	20	20
(ii) width-layering or cutting method (cm)	30	30	30
(iii) length-destumping or stooling method (m)	3	3	3
(iv) width-destumping or stooling method (m)	3	3	3
<b>4.</b> Maximum number of rotation (primary nursery)	3	3	3
<b>5.</b> Off - types (%)	0	0	0
<b>6.</b> Mother plants specifications			

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(a) minimum diameter of the root stock (cm)		0.75	0.75
(b) minimum height grafted clone (cm)		10	10
(c) maximum percentage (%) of clones with suckers below union point	2	2	2
<b>7. Grafted clone standards</b>			
Pure clones (%)	100	99.5	98.0

Amendment of the Fifth Schedule

7. The principal Regulations are amended in the Fifth Schedule-

(a) in Form SR I, by-

(i) inserting the words “or conditioning” between the words “storage” and “facilities” appearing in item 3 of PART B;

(ii) adding the words “nursery or tissue culture laboratory” immediately after the word “shop” in item 1 of PART E

(b) by deleting Form SR IIIA and substituting for it the following:

“THE UNITED REPUBLIC OF TANZANIA

MINISTRY OF AGRICULTURE

THE SEED ACT, 2003

(No. 18 of 2003)

S/N.....

Form SR IIIA

APPLICATION FOR DUS TEST

(Made under regulation 7(1))

(To be filled in Triplicate)

To: Tanzania Official Seed Certification Institute

1. Full name of the Applicant/Pre- basic: .....
2. Postal Address ..... 3. Tel. No. ....
4. Email. .... Fax .....
5. Name of the crop ..... 6. Botanical Name:.....
7. Family Name:..... 8. Chromosome Number.....
9. Mode of Pollination:.....
10. Other basic information:.....
11. Name under which it is tested:.....
12. Proposed elevation:.....
13. Distinguishing characteristics (describe fully)  
(a) growth habit:.....(b) leaf:..... (c) stem:..... (d) flower.....  
(e) pods:..... (f) Seeds:..... (g) Seed size:.....  
(h) Seeds shape and colour:..... (i) time to flowering:..... (j) growth habit:.....  
(k) others: .....
14. Variety descriptor/ technique questionnaire attached
15. Test fee paid by..... P.O.BOX .....

Dated:.....Signed:.....  
.....

*Seed (Amendments)*

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FOR OFFICIAL USE ONLY:

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Application No: .....Date Received: ..... Fees Receipt No:  
..... Amount of sample received for DUS test : first  
season:.....second season..... Date.....  
Approved/Rejected:..... If rejection, reasons for rejection.  
.....

Dated:.....Signature of the responsible  
officer:.....

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



FOR OFFICIAL USE ONLY:

Application No: ..... Date Received: .....  
Fees Receipt No: ..... Advanced yield trial data (Accepted/Not accepted) .....  
Amount of sample received:..... Date Approved/Rejected: ..... If rejection, reasons for rejection. ....

I.....title....., certify that the information given above is correct to the best of my knowledge using the information and scientific data available to me.

Date: ..... Signature: .....”

Amendment of Sixth Schedule 8. The principal Regulations are amended by deleting Sixth Schedule and substituting for it the following:

“ \_\_\_\_\_

SIXTH SCHEDULE

\_\_\_\_\_

FEEES FOR SERVICES

\_\_\_\_\_

(Made under regulation 40(1))

\_\_\_\_\_

Charges based on the services rendered for each operation

S/ N	Categories of services rendered by the Institute	TSHS	1USD=2300TSHS
A:	Seed Field Inspection		

*Seed (Amendments)*

*G.N. No. 252 (Contd.)*

S/ N	Categories of services rendered by the Institute	TSHS	1USD=2300TSHS
	1. Field crops		
	Pre-Basic and Basic Grades		
	0 –10 Hectares	75,000	32.61
	11 – 100 Hectares	225,000	97.83
	Above 100 Hectares	300,000	130.43
	Certified Grade		
	0 – 10 Hectares	100,000	43.48
	11 – 100 Hectares	300,000	130.43
	Above 100 Hectares	400,000	173.91
	2. Sugar cane		
	Pre-Basic and Basic Grades		
	0 –10 Hectares	75,000	32.61
	11 – 100 Hectares	225,000	97.83
	Above 100 Hectares	300,000	130.43
	Certified Grade		
	0 -10 Hectares	100,000	43.48
	11 – 100 Hectares	300,000	130.43
	Above 100 Hectares	400,000	173.91
	3. Vegetables and pastures		
	0 – 10 Hectares	100,000	43.48
	Each additional Hectare	50,000	21.74

*Seed (Amendments)*

*GN. No. 252 (Contd.)*

S/ N	Categories of services rendered by the Institute	TSHS	1USD=2300TSHS
	4. Tree and Fruit Crops		
	3.1 Mother plants		
	0 -10 Hectares	75,000	32.61
	3.2 Tree and fruits (root stock and grafted clones)		
	0-10,000 Plants	50,000	21.74
	10,001 – 40,000 Plants	100,000	43.48
	Above 40,000	200,000	86.96
B:	Seed Inspection and Sampling (per seed lot)		
	1. Field crops	100,000	43.48
	2. Vegetables and pastures	50,000	21.74
	3. Root and tuber crops	100,000	43.48
C:	Seed Testing for germination, purity and moisture content (per seed sample representing a seed lot)		
	Pre-Basic and Basic Grades		
	1. Field crops	200,000	86.96
	2. Vegetables and pastures	75,000	32.61
	Certified Grade		
	1. Field crops	400,000	173.91
	2. Vegetables and pastures	100,000	43.48
D:	Seed Health Testing (per sample)		
	1. Root and tuber crops	639,562	278.07
	2. Other crops	75,000	32.61
	3. Tree and Fruit Crops	639,562	278.07

*Seed (Amendments)*

*GN. No. 252 (Contd.)*

S/ N	Categories of services rendered by the Institute	TSHS	1USD=2300TSHS
	4. Sugar cane	639,562	278.07
E:	Certificates and Tags		
	Labels		
	Field crops		
	Supervision	100	0.04
	Printing	100	0.04
	Vegetables Tree and Fruit crops		
	Fruit trees		
	Supervision	100	0.04
	Printing	100	0.04
	Tree crops		
	Supervision	20	0.01
	Printing	20	0.01
	Vines (per bundle)		
	Supervision	100	0.04
	Printing	100	0.04
	Vegetables		
	Supervision	50	0.02
	Printing	50	0.02
	Roots and tubers (per bundle)		
	Supervision	100	0.04

*Seed (Amendments)*

*GN. No. 252 (Contd.)*

S/ N	Categories of services rendered by the Institute	TSHS	1USD=2300TSHS
	Printing	100	0.04
	Sugar cane (per bundle)		
	Supervision	100	0.04
	Printing	100	0.04
	Banana and plantain (per batch)		
	Supervision	100	0.04
	Printing	100	0.04
	Fibre crop (per seedling)		
	Supervision	50	0.02
	Printing	50	0.02
	Tissue culture plantlets (per batch)		
	Supervision	100	0.04
	Printing	100	0.04
	Seals	500	0.22
	Certificate of Seed Import or Export	20,000	8.70
F:	Other Charges full test)		
	Conducting DUS test	1,200,000	521.74
	Conducting NPT	1,400,000	608.70
	Authorization or licensing of seed sampler and analyst	100,000	43.48
G:	Re- testing fees (per seed sample representing a seed lot) for applicant who appeal		

*Seed (Amendments)*

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*GN. No. 252 (Contd.)*

S/ N	Categories of services rendered by the Institute	TSHS	1USD=2300TSHS
	Germination		
	Field crops	100,000	43.48
	Vegetables and pastures	50,000	21.74
	Moisture content		
	Field crops	50,000	21.74
	Vegetables and pastures	20,000	8.70

*Seed (Amendments)*

*GN. No. 252 (Contd.)*

	Seed health		
	Root and tubers	639,562	278.07
	Other crops	75,000	32.61
	Vegetables and pastures	100,000	43.48
H:	Training fee	150,000	65.22

"

Dodoma,  
23<sup>rd</sup> March, 2023

HUSSEIN M. BASHE,  
*Minister for Agriculture*