

রেজিস্টার্ড নং ডি এ-১

বাংলাদেশ



গেজেট

অতিরিক্ত সংখ্যা
কর্তৃপক্ষ কর্তৃক প্রকাশিত

সোমবার, ডিসেম্বর ২০, ২০১০

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

কৃষি মন্ত্রণালয়

বীজ উইং

বিজ্ঞপ্তি

তারিখ, ১০ অক্টোবর ২০১০

নং ১২.০৯৭.০২২.০২.০০.০৩২.২০০৮-১৫৯—বীজ কৃষির একটি অন্যতম উপকরণ। বীজের মান নিশ্চিতকরণের জন্য বীজ মান ও মাঠ মান (Seed Standard and Field Standard) একটি অপরিহার্য বিষয়। ইতোমধ্যে নোটিফাইড ফসলের (আলু, আখ, ধান, গম ও পাট) বীজ মান ও মাঠ মান জাতীয় বীজ বোর্ড কর্তৃক নির্ধারিত হয়েছে। নোটিফাইড ফসলের অনুরূপ নন-নোটিফাইড ফসলের বীজ মান ও মাঠ মান নির্ধারণ একান্তই সময়ের চাহিদা। জাতীয় বীজ বোর্ডের কারিগরী কমিটির ৫০তম সভার সুপারিশের আলোকে নন-নোটিফাইড ফসলের বীজ মান ও মাঠ মান নির্ধারণ সংক্রান্ত একটি ম্যানুয়াল প্রণয়ন করা হয় যা ০৪/১১/২০০৯ তারিখের জাতীয় বীজ বোর্ডের ৭০তম সভায় অনুমোদিত হয়েছে। সরকার কর্তৃক প্রণীত নোটিফাইড এবং নন-নোটিফাইড ফসলের বীজ মান ও মাঠ মান নির্ধারণ সংক্রান্ত ম্যানুয়ালটি বীজের কর্মকাণ্ডে অনুসরণ করার লক্ষ্যে প্রকাশ করা হলো।

রাষ্ট্রপতির আদেশক্রমে

আনোয়ার ফারুক

অতিরিক্ত-সচিব

মহাপরিচালক।

(১০০৮৯)

মূল্য : টাকা ২২.০০

A. NOTIFIED CROPS**1. PADDY****SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.0	97.0	96.0
2. Inert matter (Max. % by wt.)	1.0	2.0	3.0
3. Other seed (Max. % by wt.)	Trace	1.0	1.0
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	8/kg	10/kg
4. Germination (Min. %)	80.0	80.0	80.0
5. Moisture content (Max. %)	12.0	12.0	12.0

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	3.0	3.0	3.0
2. Other crop plants (Max. % by No.)	0.0	0.1	0.2
3. Other varieties (Max. % by No.)	0.0	0.1	0.5
4. Weed plants (Obnoxious Max. % by No.)	0.0	0.01	0.02
a. Wild rice/Red rice (ঝরা ধান/বন্য ধান)			
b. Burnyard grass (শ্যামা ঘাস)			
5. Plants infected by seed borne diseases (Max. % of infected plants)	5.0	10.0	20.0
6. General condition of crop: If the field crops severely damaged or lodged and irregularly flowered that makes crop assessment difficult to judge the trueness of variety and varietal purity will be rejected.			

2. WHEAT**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.0	97.0	96.0
2. Inert matter (Max. % by wt.)	1.0	2.0	3.0
3. Other seed (Max. % by wt.)	Trace	1.0	1.0
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	8/kg	10/kg
4. Germination (Min. %)	85.0	80.0	80.0
5. Moisture content (Max. %)	12.0	12.0	12.0

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	3.0	3.0	3.0
2. Other crop plants (Max. % by No.)	0.0	0.1	0.2
3. Other varieties (Max. % by No.)	0.0	0.1	0.5
4. Weed plants (Obnoxious Max. % by No.) a. Lehli (হিটকীরি) b. Wild oat (বন্য যই) c. Wild lentil (বন মসুর)	0.0	0.03	0.05
5. Diseases (Infection by seed borne pathogen: Max. no of infected plants) Loose smut (plants/ha)	0.0	12.0	25.0
6. General condition of crop: If the field crop so stunted damaged or lodged that makes crop assessment difficult to judge the trueness of variety and varietal purity will be rejected.			

3. JUTE

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.0	98.0	96.0
2. Inert matter (Max. % by wt.)	1.0	1.0	3.0
3. Other seed (Max. % by wt.) a) Other crop seed (Max. No. in total; whole sample will be tested) b) Total weed seed (Max. No. in total; whole sample will be tested)	Trace 0/kg 0/kg	1.0 5/kg 5/kg	1.0 10/kg 10/kg
4. Germination a. Fresh seed (Min. %) b. Carryover seed (Min. %)	80.0 70.0	80.0 70.0	80.0 70.0
5. Moisture Content (Max. %) a. <u>C. Capsularis</u> b. <u>C. olitorius</u>	10.0 8.0	10.0 8.0	10.0 8.0

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter) a. Field of other varieties of the same species b. Field of other species	50.0 5.0	30.0 3.0	20.0 3.0
2. Other varieties (Max. % by No.)	0.0	0.1	0.2
3. Plants infected by seed borne diseases (Max. % by No.)	0.0	0.1	0.5
4. Crop condition : If crops so weedy damaged or lodged that makes inspection difficult to judge the trueness of variety and varietal purity will be rejected.			

4. POTATO

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Potatoes with any kind of damage or secondary growth are not acceptable			
2. Mixture of other varieties (Max. %)	0.2	0.2	0.2
3. Grades of seed potato (As per NSB 66th meeting) : a) 28 mm-40 mm diameter b) 41 mm-55 mm diameter			
4. Tubers not conforming to specific size of seed shall not exceed more than 5 % by number.			
5. The above mentioned grades will not be applicable for tuberlets produced from true potato seed (TPS).			

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter) a) From non-seed potato crop b) From other solanaceous crop	30.0 15.0	30.0 15.0	30.0 15.0
2. Other varieties (Max. % by No.)	0.20	0.20	0.20
3. Other crops (Max. % by No.)	0.00	0.00	0.00
4. Obnoxious weeds (Max. %)	0.00	0.00	0.00
5. Diseases (Infection by seed borne pathogen: Max. % of infected plants) a) Late blight (<i>Phytophthora infestans</i>) b) Leaf roll (PLRV) c) Mosaic (PMV) d) Ring rot	0.00 0.00 0.00 0.00	0.00 0.50 0.10 0.00	0.00 2.00 1.00 0.00

N.B. Obnoxious weeds to be specified by competent authority.

5. SUGARCANE

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (No. of guard rows) (Max. % by No.)	2	2	2
2. Other Varieties (Max. % by No.)	0.00	0.00	0.00
3. Other crops (Max. % by No.)	0.00	0.00	0.00
4. Obnoxious weeds (Max. %)	0.00	0.00	0.00
5. Diseases (Infection by seed borne pathogen: (Max. % of infected plants) a) Red rot (<i>Colletotrichum falcatum</i>) b) Mosaic (SCMV) (Stool basis) c) Wilt (<i>Cephalosporium Sacchari</i>) (Stool basis) d) Smut (<i>Ustilago Scitaminea</i>) (Stool basis) e) RSD/GSD (<i>Coryneform Bacteria MLO</i>) (Stool basis) f) White leaf (MLO) (Stool basis) g) Striga (<i>Striga densiflora</i>)	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 1.00 0.10 0.10 0.10 0.10 0.00	0.00 3.00 0.50 0.30 0.50 0.50 0.00

N.B. Obnoxious weeds to be specified by competent authority.

6. KENAF AND MESTA

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	96.00	95.00
2. Inert matter (Max. % by wt.)	2.00	4.00	5.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg. 2/kg.	5/kg. 5/kg.	10/kg. 10/kg.
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	80.00	80.00	80.00
5. Moisture content (Max. %)	10.00	10.00	10.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	50.00	50.00	30.00
2. Other crop plants (Max. % by No.)	0.00	0.10	0.50
3. Other varieties (Max. % by No.)	0.00	0.10	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.00	0.50	0.80
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

B. NON-NOTIFIED CROPS1. MAIZE (*Zea mays L*) Inbred Line

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg 2/kg	5/kg 5/kg	10/kg 10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
c) Other distinguishable varieties based on kernel colour and texture (Max. %)			
4. Germination (Min. %)	80.00	80.00	80.00
5. Moisture content (Max. %)	12.00	12.00	12.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	500	400	400
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.20	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

2. MAIZE (*Zea mays L*) COMPOSITES, SYNTHETICS AND OPEN POLLINATED VARIETIES

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
c) Other distinguishable varieties based on kernel colour and texture (Max. %)	2/kg	5/kg	10/kg
4. Germination (Min. %)	80.00	80.00	80.00
5. Moisture content (Max. %)	12.00	12.00	12.00
6. Moisture content in vapour proof container (Max.%)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	500	400	400
2. Other crop plants (Max. % by No.)	0.10	0.20	0.50
3. Other varieties (Max. % by No.)	0.10	0.20	0.30
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

3. MAIZE (*Zea mays L*) SINGLE CROSS

SEED STANDARD

A single cross shall consist of the first generation hybrid resulting from the controlled crossing of two approved inbred lines. Such single cross shall be used in the production of double, three way, top or double top crosses.

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Pure seed (Min. % by wt.)	-	-	98.00
2. Inert matter (Max. % by wt.)	-	-	2.00
3. Other seed (Max. % by wt.)	-	-	-
a) Other crop seed (Max. No. in total; whole sample will be tested)	-	-	5/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	-	-	5/kg
c) Other distinguishable varieties based on kernel colour and texture (Max.%)	-	-	10/kg
4. Germination (Min. %)	-	-	85.00
5. Moisture content (Max. %)	-	-	12.00
6. Moisture content in vapour proof container (Max.%)	-	-	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Isolation distance (in meter)	-	-	400
2. Other crop plants (Max. % by No.)	-	-	0.30
3. Other varieties (Max. % by No.)	-	-	0.30
4. Weed plants (Obnoxious Max. % by No.)	-	-	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)	-	-	-
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.	-	-	-

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

4. MAIZE (*Zea mays L*) HYBRIDS

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Pure seed (Min. % by wt.)	-	-	98.00
2. Inert matter (Max. % by wt.)	-	-	2.00
3. Other seed (Max. % by wt.)	-	-	-
a) Other crop seed (Max. No. in total; whole sample will be tested)	-	-	5/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	-	-	5/kg
c) Other distinguishable varieties based on kernel colour and texture (Max.%)	-	-	10/kg
4. Germination (Min. %)	-	-	85.00
5. Moisture content (Max. %)	-	-	12.00
6. Moisture content in vapour proof container (Max.%)	-	-	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Isolation distance (in meter)	-	-	400
2. Other crop plants (Max. % by No.)	-	-	0.30
3. Other varieties (Max. % by No.)	-	-	0.20
4. Weed plants (Obnoxious Max. % by No.)	-	-	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

5. PEARL MILLET**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	12.00	12.00	12.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	3.00	3.00	3.00
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.20	0.30
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

6. PROSO MILLET

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	12.00	12.00	12.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	3.00	3.00	3.00
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.20	0.30
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

7. FOXTAIL MILLET

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	12.00	12.00	12.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	3.00	3.00	3.00
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.20	0.30
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

8. BARLEY**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	97.00
2. Inert matter (Max. % by wt.)	2.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
4. Germination (Min. %)	80.00	80.00	80.00
5. Moisture content (Max. %)	12.00	12.00	12.00
6. Moisture content in vapour proof container (Max %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	3.0	3.0	3.0
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

9. SORGHUM

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	97.00
2. Inert matter (Max. % by wt.)	2.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	5/kg	10/kg
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	12.00	12.00	12.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	300	200	100
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

10. OATS

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	98.00
2. Inert matter (Max. % by wt.)	1.00	2.00	2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
4. Germination (Min. %)	80.00	80.00	80.00
5. Moisture content (Max. %)	12.00	12.00	12.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	3.00	3.00	3.00
2. Other crop plants (Max. % by No.)	0.02	0.05	0.08
3. Other varieties (Max. % by No.)	0.05	0.05	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.01	0.01	0.02
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

11. TRUE POTATO SEED (TPS)**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	97.00
2. Inert matter (Max. % by wt.)	1.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	80.00	80.00	80.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	7.00	7.00	7.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	100.0	70.0	50.0
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

12. COTTON (OPEN POLLINATED)**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	96.00
2. Inert matter (Max. % by wt.)	2.00	3.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg.	5/kg.	10/kg.
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg.	5/kg.	10/kg.
4. Germination (Min. %)	65.00	65.00	65.00
5. Moisture content (Max. %)	10.00	10.00	10.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	70.00	50.00	30.00
2. Other crop plants (Max. % by No.)	0.00	0.10	0.50
3. Other varieties (Max. % by No.)	0.00	0.10	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.00	0.50	0.80
5. Plants infected by seed borne diseases (Max. % of infected plants)	-	-	-
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

13. MUSTARD/RAPE SEED**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	80.00	80.00	80.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	7.00	7.00	7.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	500	400	200
2. Other crop plants (Max. % by No.)	0.00	0.10	0.50
3. Other varieties (Max. % by No.)	0.00	0.10	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.50	0.80
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

14. SUNFLOWER**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	97.00
2. Inert matter (Max. % by wt.)	2.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	7.00	7.00	7.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	500	400	200
2. Other crop plants (Max. % by No.)	0.10	0.20	0.50
3. Other varieties (Max. % by No.)	0.00	1.00	2.00
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.50	0.80
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

15. SUNFLOWER F1

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Pure seed (Min. % by wt.)			97.00
2. Inert matter (Max. % by wt.)			3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)			5/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			5/kg
4. Germination (Min. %)			70.00
5. Moisture content (Max. %)			9.00
6. Moisture content in vapour proof container (Max. %)			7.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Isolation distance (in meter)			400
2. Other crop plants (Max. % by No.)			0.50
3. Other varieties (Max. % by No.)			0.50
4. Weed plants (Obnoxious Max. % by No.)			0.50
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N.B. Assuming the parental lines are 100% pure.

16. SOYABEAN

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	12.00	12.00	12.00
6. Moisture content in vapour proof container (Max. %)	7.00	7.00	7.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	3.00	3.00	3.00
2. Other crop plants (Max. % by No.)	0.00	0.00	0.00
3. Other varieties (Max. % by No.)	0.00	0.10	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.50	0.80
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

17. GROUNDNUT**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	96.00
2. Inert matter (Max. % by wt.)	2.00	3.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
b) Total weed seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	5.00	5.00	5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	3.00	3.00	3.00
2. Other crop plants (Max. % by No.)	0.00	0.10	0.50
3. Other varieties (Max. % by No.)	0.00	0.20	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.50
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

18. SESAME (TIL)**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	96.00
2. Inert matter (Max. % by wt.)	2.00	3.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	10/kg	20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	10/kg	20/kg
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	5.00	5.00	5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	200	100	50
2. Other crop plants (Max. % by No.)	0.00	0.50	0.50
3. Other varieties (Max. % by No.)	0.00	0.50	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.00	0.50	0.80
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

19. LINSEED**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	97.00
2. Inert matter (Max. % by wt.)	2.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	5/kg	10/kg
4. Germination (Min. %)	80.00	80.00	80.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	75.00	50.00	25.00
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.20	0.30
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

20. SAFFLOWER (KOSUMFUL)**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	97.00
2. Inert matter (Max. % by wt.)	2.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
4. Germination (Min. %)	80.00	80.00	80.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	400	300	100
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.20	0.30
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

21. CASTOR

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	97.00
2. Inert matter (Max. % by wt.)	1.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	0.00 2/kg	0.00 5/kg	0.00 10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	5.00	5.00	5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	400	300	150
2. Other crop plants (Max. % by No.)	0.00	0.10	0.20
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

22. LENTIL

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	96.00
2. Inert matter (Max. % by wt.)	2.00	3.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg 5/kg	5/kg 10/kg	10/kg 20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	10.00	10.00	10.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	2.00	2.00	2.00
2. Other crop plants (Max. % by No.)	0.00	0.20	0.50
3. Other Varieties (Max. % by No.)	0.00	0.20	0.50
4. Weed Plants (Obnoxious Max. % by No.)	0.20	0.50	0.80
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

23. GRAM (CHICKPEA)**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Min % by wt.)			
a) Other crop seed (Min No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Min No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Min %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	10	5	3
2. Other crop plants (Max. % by No.)	0.00	0.10	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.30
4. Weed plants (Obnoxious Max. % by No.)	0.00	0.50	0.80
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

24. PEAS (FIELD PEA & GARDEN PEA)**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	97.00
2. Inert matter (Max. % by wt.)	1.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	0.00	2/kg	5/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	10.00	10.00	5.00
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

25. BENGAL GRAM (MUNG BEAN)**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	4.00	4.00	3.00
2. Other crop plants (Max. % by No.)	0.00	0.10	0.20
3. Other varieties (Max. % by No.)	0.00	0.20	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

26. BLACK GRAM (MASKALAI)**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	96.00
2. Inert matter (Max. % by wt.)	2.00	3.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	4.00	4.00	3.00
2. Other crop plants (Max. % by No.)	0.20	0.50	1.00
3. Other varieties (Max. % by No.)	0.00	0.20	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.00	0.10	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

27. PIGEONPEA (ARHAR)

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	250	200	100
2. Other crop plants (Max. % by No.)	0.00	0.10	0.50
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.50
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

28. KHESARI

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	96.00
2. Inert matter (Max. % by wt.)	2.00	3.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	10.0	10.0	10.0
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	4.00	4.00	3.00
2. Other crop plants (Max. % by No.)	0.10	0.20	0.50
3. Other varieties (Max. % by No.)	0.10	0.50	1.00
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.50
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwisely damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

29. TOMATO**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
4. Germination (Min. %)	65.00	65.00	65.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	50.00	50.0	25.0
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.05	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

30. TOMATO F1**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Pure seed (Min. % by wt.)			98.00
2. Inert matter (Max. % by wt.)			2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)			2/kg 0.00
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)			70.00
5. Moisture content (Max. %)			8.00
6. Moisture content in vapour proof container (Max. %)			6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Isolation distance (in meter)			100
2. Other crop plants (Max. % by No.)			0.30
3. Other varieties (Max. % by No.)			0.20
4. Weed plants (Obnoxious Max. % by No.)			0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

31. BRINJAL**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg 2/kg	5/kg 5/kg	10/kg 10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	65.00	65.00	65.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	200	200	100
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.80
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

32. BRINJAL F1**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Pure seed (Min. % by wt.)			97.00
2. Inert matter (Max. % by wt.)			3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)			0.00
b) Total weed seed (Max. No. in total; whole sample will be tested)			0.00
4. Germination (Min. %)			70.00
5. Moisture content (Max. %)			8.00
6. Moisture content in vapour proof container (Max. %)			6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Isolation distance (in meter)			200
2. Other crop plants (Max. % by No.)			0.30
3. Other varieties (Max. % by No.)			0.20
4. Weed plants (Obnoxious Max. % by No.)			0.80
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

33. RADISH

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	10/kg	20/kg
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	5.00	5.00	5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1600	1600	1000
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

34. RADISH F1

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Pure seed (Min. % by wt.)			97.00
2. Inert matter (Max. % by wt.)			3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)			10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			20/kg
4. Germination (Min. %)			75.00
5. Moisture content (Max. %)			7.00
6. Moisture content in vapour proof container (Max. %)			5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Isolation distance (in meter)			1000
2. Other crop plants (Max. % by No.)			0.30
3. Other varieties (Max. % by No.)			0.20
4. Weed plants (Obnoxious Max. % by No.)			0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

35. INDIAN BEAN (COUNTRY BEAN)**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	98.00
2. Inert matter (Max. % by wt.)	1.00	2.00	2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	0.00	2/kg	5/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	25	25	10
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

36. YARD LONG BEAN**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)	2/kg	5/kg	10/kg
a) Other crop seed (Max. No. in total; whole sample will be tested)			
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	7.00	7.00	7.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	3.00	3.00	3.00
2. Other crop plants (Max. % by No.)	0.00	0.10	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

37. FRENCH BEAN**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)	2/kg	5/kg	10/kg
a) Other crop seed (Max. No. in total; whole sample will be tested)			
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	7.00	7.00	7.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	3.00	3.00	3.00
2. Other crop plants (Max. % by No.)	0.00	0.10	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

38. BERSEEM**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	97.00
2. Inert matter (Max. % by wt.)	2.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg 10/kg	5/kg 10/kg	10/kg 20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	80.00	80.00	80.00
5. Moisture content (Max. %)	10.00	10.00	10.00
6. Moisture content in vapour proof container (Max. %)	7.00	7.00	7.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	400	400	200
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.20	0.20	1.00
4. Weed plants (Obnoxious Max. % by No.)	0.20	0.50	1.00
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

39. CAULI FLOWER

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	5.00	5.00	5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1600	1600	1000
2. Other crop plants (Max. % by No.)	0.00	0.00	0.00
3. Other varieties (Max. % by No.)	0.10	0.20	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

* Obnoxious weeds & seed borne diseases to be specified by competent authority.

40. CABBAGE

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	98.00
2. Inert matter (Max. % by wt.)	1.00	2.00	2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	5.00	5.00	5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1600	1600	1000
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

41. CHINESE CABBAGE**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	98.00
2. Inert matter (Max. % by wt.)	1.00	2.00	2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	5.00	5.00	5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1600	1600	1000
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

42. BROCCOLI

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg 2/kg	5/kg 5/kg	10/kg 10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	5.00	5.00	5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1600	1600	1000
2. Other crop plants (Max. % by No.)	0.00	0.00	0.00
3. Other varieties (Max. % by No.)	0.10	0.20	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

43. KNOL-KHOL

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	97.00
2. Inert matter (Max. % by wt.)	2.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg 2/kg	5/kg 5/kg	10/kg 10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	5.00	5.00	5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1600	1600	1000
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

44. TURNIP**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	6.00	6.00	6.00
6. Moisture content in vapour proof container (Max. %)	5.00	5.00	5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1600	1600	1000
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

45. CARROT**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	97.00	96.00	96.00
2. Inert matter (Max. % by wt.)	3.00	4.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	7.00	7.00	7.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1000	1000	800
2. Other crop plants (Max. % by No.)	0.00	0.10	0.20
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

46. SPINACH & SPINACH BEET**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	97.00	96.00	96.00
2. Inert matter (Max. % by wt.)	3.00	4.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	5/kg	10/kg
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1600	1600	1000
2. Other crop plants (Max. % by No.)	0.10	0.20	0.50
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

47. AMARANTHUS & RED AMARANTHUS**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	97.00	95.00	95.00
2. Inert matter (Max. % by wt.)	3.00	5.00	5.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
4. Germination (Min. %)	70.00	60.00	60.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	400	400	200
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.20	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

48. INDIAN SPINACH

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	96.00
2. Inert matter (Max. % by wt.)	2.00	3.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1000	800	500
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.00	0.20	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.00	0.20	0.50
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

49. KANGKONG

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	60	60	60
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	100.00	50.00	50.00
2. Other crop plants (Max. % by No.)	0.00	0.10	0.50
3. Other varieties (Max. % by No.)	0.00	0.10	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.50
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

50. PARSLEY**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	96.00
2. Inert matter (Max. % by wt.)	2.00	3.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	5/kg	10/kg
4. Germination (Min. %)	65.00	65.00	65.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	7.00	7.00	7.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	500	500	300
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.10	0.20
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

51. LETTUCE**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	97.00
2. Inert matter (Max. % by wt.)	2.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	50	50	25
2. Other crop plants (Max. % by No.)	0.10	0.10	0.20
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.10	0.20
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

* Obnoxious weeds & seed borne diseases to be specified by competent authority.

52. CORIANDER**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	96.00
2. Inert matter (Max. % by wt.)	2.00	2.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
4. Germination (Min. %)	65.00	65.00	65.00
5. Moisture content (Max. %)	10.00	10.00	10.00
6. Moisture content in vapour proof container (Max. %)	9.00	9.00	9.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	300	200	100
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

53. FEMNUGREEK (METHI)**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	97.00
2. Inert matter (Max. % by wt.)	2.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	5/kg	10/kg
4. Germination (Min. %)	75.00	75.0	75.0
5. Moisture content (Max. %)	10.00	10.0	10.0
6. Moisture content in vapour proof container (Max. %)	9.00	9.00	9.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	25.00	15.00	10.00
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

* Obnoxious weeds & seed borne diseases to be specified by competent authority.

54. ONION

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	65.00	65.00	65.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1000	1000	500
2. Other crop plants (Max. % by No.)	0.00	0.20	0.20
3. Other varieties (Max. % by No.)	0.10	0.20	0.50
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.50
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

55. CHILLI/CAPSICUM

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	97.00
2. Inert matter (Max. % by wt.)	2.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	9.00	9.00	9.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	15.00	10.00	5.00
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

56. OKRA/BHINDI/LADYS FINGER**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	97.00
2. Inert matter (Max. % by wt.)	1.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	65.00	65.00	65.00
5. Moisture content (Max. %)	10.00	10.00	10.00
6. Moisture content in vapour proof container (Max. %)	8.00	8.00	8.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	400	400	200
2. Other crop plants (Max. % by No.)	0.10	0.10	0.20
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.10	0.20
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

57. PUMPKIN/SWEET GOURD

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	98.00
2. Inert matter (Max. % by wt.)	1.00	2.00	2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	0.00 0.00	0.00 0.00	0.00 0.00
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1000	1000	500
2. Other crop plants (Max. % by No.)	0.10	0.10	0.20
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.10	0.20
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

58. BOTTLE GOURD

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	98.00
2. Inert matter (Max. % by wt.)	2.00	2.00	2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	None None	None None	None None
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1000	1000	500
2. Other crop plants (Max. % by No.)	None	None	None
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	None	None	None
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

59. WHITE GOURD/WAX GOURD**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.0	98.0
2. Inert matter (Max. % by wt.)	1.00	2.0	2.0
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
b) Total weed seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1200	1000	500
2. Other crop plants (Max. % by No.)	0.00	0.00	0.00
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.00	0.00	0.00
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

60. SQUASH

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	98.00
2. Inert matter (Max. % by wt.)	1.00	2.00	2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1000	1000	500
2. Other crop plants (Max. % by No.)	0.10	0.10	0.20
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

61. WATER MELON

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	97.00
2. Inert matter (Max. % by wt.)	2.00	3.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Isolation distance (in meter)			1000
2. Other crop plants (Max. % by No.)			0.20
3. Other varieties (Max. % by No.)			0.30
4. Weed plants (Obnoxious Max. % by No.)			0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

62. WATER MELON F1**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Pure seed (Min. % by wt.)			97.00
2. Inert matter (Max. % by wt.)			3.00
3. Other seed (Max. % by wt.) a) Other crop seed (Max. No. in total; whole sample will be tested) b) Total weed seed (Max. No. in total; whole sample will be tested)			10/kg
4. Germination (Min. %)			70.00
5. Moisture content (Max. %)			7.00
6. Moisture content in vapour proof container (Max. %)			6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Isolation distance (in meter)			1000
2. Other crop plants (Max. % by No.)			0.20
3. Other varieties (Max. % by No.)			0.30
4. Weed plants (Obnoxious Max. % by No.)			0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

63. MUSK MELON

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	98.00
2. Inert matter (Max. % by wt.)	1.00	2.00	2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg 0.00	5/kg 0.00	10/kg 0.00
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	6.00	6.00	6.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1000	1000	500
2. Other crop plants (Max. % by No.)	0.00	0.10	0.20
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crops severely damaged or lodged and irregularly flowered that makes crop assessment difficult to judge the trueness of variety and varietal purity, will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

64. BITTER GOURD

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	98.00
2. Inert matter (Max. % by wt.)	1.00	2.00	2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg 2/kg	5/kg 5/kg	10/kg 10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1000	800	500
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

65. BITTER GOURD F1**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Pure seed (Min. % by wt.)			99.00
2. Inert matter (Max. % by wt.)			1.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)			2/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			2/kg
4. Germination (Min. %)			70.00
5. Moisture content (Max. %)			7.00
6. Moisture content in vapour proof container (Max. %)			6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Isolation distance (in meter)			1500
2. Other crop plants (Max. % by No.)			0.30
3. Other varieties (Max. % by No.)			0.20
4. Weed plants (Obnoxious Max. % by No.)			0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

66. RIDGE GOURD

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	98.00	97.00
2. Inert matter (Max. % by wt.)	2.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
b) Total weed seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1000	1000	500
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.10	0.20
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

67. SNAKE GOURD

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	98.00
2. Inert matter (Max. % by wt.)	1.00	2.00	2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
b) Total weed seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	100	100	50
2. Other crop plants (Max. % by No.)	0.10	0.10	0.20
3. Other varieties (Max. % by No.)	0.00	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N.B. Seed borne diseases & Obnoxious weeds to be specified by the competent authority.

68. SPONGE GOURD**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	97.00
2. Inert matter (Max. % by wt.)	1.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
b) Total weed seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	100	100	50
2. Other crop plants (Max. % by No.)	0.10	0.10	0.20
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

69. CUCUMBER**SEED STANDARD**

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	98.00
2. Inert matter (Max. % by wt.)	1.00	2.00	2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
4. Germination (Min. %)	60.00	60.00	60.00
5. Moisture content (Max. %)	7.00	7.00	7.00
6. Moisture content in vapour proof container (Max. %)	6.00	6.00	6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	1000	1000	500
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.20	0.30
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N.B. Seed borne diseases & Obnoxious weeds to be specified by the competent authority.

70. CUCUMBER F1

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Pure seed (Min. % by wt.)			98.00
2. Inert matter (Max. % by wt.)			2.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)			2/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)			0.00
4. Germination (Min. %)			70.00
5. Moisture content (Max. %)			7.00
6. Moisture content in vapour proof container (Max. %)			6.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Hybrid (F1)
1. Isolation distance (in meter)			1500
2. Other crop plants (Max. % by No.)			0.30
3. Other varieties (Max. % by No.)			0.30
4. Weed plants (Obnoxious Max. % by No.)			0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B. Assuming the parental lines are 100% pure.

71. CESBANIA ACULATA (DHAINCHA)

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	95.00
2. Inert matter (Max. % by wt.)	2.00	3.00	5.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	10.00	10.00	10.00
6. Moisture content in vapour proof container (Max. %)	9.00	9.00	9.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	150	100	50
2. Other crop plants (Max. % by No.)	0.10	0.20	0.30
3. Other varieties (Max. % by No.)	0.10	0.20	0.30
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N.B. Seed borne diseases & Obnoxious weeds to be specified by the competent authority.

72. TOBACCO

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	98.00	97.00	96.00
2. Inert matter (Max. % by wt.)	2.00	3.00	4.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	5/kg	10/kg	20/kg
4. Germination (Min. %)	75.00	75.00	75.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	7.00	7.00	7.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	2.00	2.00	2.00
2. Other crop plants (Max. % by No.)	0.00	0.10	0.50
3. Other varieties (Max. % by No.)	0.00	0.50	1.00
4. Weed plants (Obnoxious Max. % by No.)	0.00	0.10	0.50
5. Plants infected by seed borne diseases (Max. % of infected plants)	-	-	-
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N. B.-Obnoxious weeds & seed borne diseases to be specified by competent authority.

73. COWPEA (Falon)

SEED STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Pure seed (Min. % by wt.)	99.00	98.00	97.00
2. Inert matter (Max. % by wt.)	1.00	2.00	3.00
3. Other seed (Max. % by wt.)			
a) Other crop seed (Max. No. in total; whole sample will be tested)	0.00	0.00	0.00
b) Total weed seed (Max. No. in total; whole sample will be tested)	2/kg	5/kg	10/kg
4. Germination (Min. %)	70.00	70.00	70.00
5. Moisture content (Max. %)	8.00	8.00	8.00
6. Moisture content in vapour proof container (Max. %)	5.00	5.00	5.00

FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)	400	300	150
2. Other crop plants (Max. % by No.)	0.00	0.10	0.20
3. Other varieties (Max. % by No.)	0.10	0.10	0.20
4. Weed plants (Obnoxious Max. % by No.)	0.10	0.20	0.30
5. Plants infected by seed borne diseases (Max. % of infected plants)			
6. General condition of crop : If the field crop is severely damaged or lodged and irregularly flowered or otherwise damaged that makes assessment difficult will be rejected.			

N.B. Seed borne diseases & Obnoxious weeds to be specified by the competent authority.

মোঃ মাহুম খান, (উপ-সচিব), উপ-পরিচালক, বাংলাদেশ সরকারি মুদ্রণালয়, ঢাকা কর্তৃক মুদ্রিত।

মোঃ মজিবুর রহমান, (যুগ্ম-সচিব), উপ-পরিচালক, বাংলাদেশ ফরম ও প্রকাশনা অফিস,
তেজগাঁও, ঢাকা কর্তৃক প্রকাশিত। web site: www.bgpress.gov.bd

রেজিস্টার্ড নং ডি এ-১

বাংলাদেশ



গেজেট

অতিরিক্ত সংখ্যা

কর্তৃপক্ষ কর্তৃক প্রকাশিত

বুধবার, ডিসেম্বর ১১, ২০১৯

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

কৃষি মন্ত্রণালয়

বীজ অনুবিভাগ

প্রজ্ঞাপন

তারিখ : ২০ অগ্রহায়ণ ১৪২৬/০৫ ডিসেম্বর ২০১৯

টিস্যু কালচারের মাধ্যমে উৎপাদিত বীজ আলুর মাঠমান এবং বীজমান (Field Standard and Seed Standard of Tissue Culture Seed Potato)

(ক) মাঠ মান (Field Standard)

ক্র.নং	মানদণ্ড/পরিমাপক	প্লান্টলেট/ মাইক্রোটিউবার	মিনিটিউবার	প্রাক-ভিত্তি বীজ	ভিত্তি বীজ	প্রত্যায়িত বীজ	মানঘোষিত বীজ
০১।	জাতের বিশুদ্ধতা (%)	১০০	১০০	১০০	১০০	৯৯.৫	৯৯.৫
০২।	অন্যান্য ফসল ও আগাছার সর্বোচ্চ সংখ্যা (%)	০.০০	০.০০	০.০০	০.০০	০.০০	০.০০
০৩।	আলুর অন্য জাতের সর্বোচ্চ সংখ্যা (%)	০.০০	০.০০	০.০০	০.২০	০.২০	০.২০
০৪।	পৃথকীকরণ দূরত্ব (মিটার)						
	ক) অবীজ আলু থেকে দূরত্ব	*	**	৩০	৩০	৩০	৩০
	খ) অন্য বেগুন গোত্রের ফসল থেকে দূরত্ব	*	**	১৫	১৫	১৫	১৫

বি:দ্র: ১। এই স্ট্যান্ডার্ডটি টিস্যু কালচারের মাধ্যমে উৎপাদিত বীজ আলুর মাঠমান এবং বীজমান এর ক্ষেত্রে প্রযোজ্য। ২। প্লান্টলেট/মাইক্রো-টিউবার বীজের উৎস হইবে প্রজনন বীজ।

*ল্যাবরেটরিতে উৎপাদন; **গ্রীণ হাউজ/নেট হাউজে উৎপাদন; ***রিং রট এবং গোল্ডেন নেমাটোড রোগ বাংলাদেশে এখনো পরিলক্ষিত হয়নি।

Note:

1. PLRV= Potato Leaf Roll Virus
2. PVY= Potato Virus Y
3. PVS= Potato Virus S
4. PVM= Potato Virus M
5. PVA= Potato Virus A
6. PVX= Potato Virus X
7. Late blight = *Phytophthora infestans*

8. Bacterial wilt or Brown rot = *Ralstonia solanacearum*
9. Black leg and Soft rot = *Pectobacterium atrosepticum* (older synonym: *Erwinia carotovora subsp. atroseptica*), *Pectobacterium carotovorum* and *Dickeya dadantii*
10. Black scurf = *Rhizoctonia solani*
11. Common scab = *Streptomyces scabies*
12. Golden nematode = *Globodera rostochiensis*
13. Ring rot = *Corynebacterium sopedomicum*

(খ) বীজ মান (Seed Standard)

ক্র. নং	মানদণ্ড/পরিমাপক	প্লান্টলেট/ মাইক্রো-টিউবার *	মিনি- টিউবার	প্রাক-ভিত্তি বীজ	ভিত্তি বীজ	প্রত্যয়িত বীজ	মানযোষিত বীজ
০১।	অন্য জাত (Other Variety) কন্দের সর্বোচ্চ সংখ্যা (%)	০.০০	০.০০	০.০০	০.২০	০.২০	০.২০
০২।	পঁচা আলু (Rotten Tuber)						
	ক) ব্যাকটেরিয়াল উইল্ট বা ব্রাউন রট (Bacterial wilt or Brown rot) আক্রান্ত কন্দের সর্বোচ্চ সংখ্যা (%)	০.০০	০.০০	০.০০	০.০০	০.০০	০.০০
	খ) অন্যান্য পঁচা আলু- নাবী ধ্বংসা (Late blight), নরম পঁচা (Soft rot), শুকনা পঁচা (Dry rot) আক্রান্ত কন্দের সর্বোচ্চ সংখ্যা (%)	০.০০	০.০০	০.০০	০.১০	০.৫০	০.৫০

ক্র. নং	মানদণ্ড/পরিমাপক	প্লান্টলেট/ মাইক্রো-টিউবার *	মিনি- টিউবার	প্রাক-ভিত্তি বীজ	ভিত্তি বীজ	প্রত্যয়িত বীজ	মানযোষিত বীজ
০৩।	কমন স্কাব (Common scab)-(বীজের ত্বকে ১/৮ অংশ সুপারফিসিয়াল লেশন) (আক্রান্ত কন্দের সর্বোচ্চ সংখ্যা %)	০.০০	০.০০	০.০০	৩.০০	৮.০০	৮.০০
০৪।	ব্ল্যাক স্কার্ফ (Black scurf)/ রাইজোকটনিয়া (<i>Rhizoctonia</i>) (বীজের ত্বকে ১/৮ অংশ সুপারফিসিয়াল লেশন) আক্রান্ত কন্দের সর্বোচ্চ সংখ্যা (%)	০.০০	০.০০	০.০০	২.০০	৫.০০	৫.০০
০৫।	রিং রট (Ring rot) ** আক্রান্ত কন্দের সর্বোচ্চ সংখ্যা (%)	০.০০	০.০০	০.০০	০.০০	০.০০	০.০০
০৬।	গোল্ডেন নেমাটোড (Golden Nematode) ** আক্রান্ত কন্দের সর্বোচ্চ সংখ্যা (%)	০.০০	০.০০	০.০০	০.০০	০.০০	০.০০
০৭।	যেকোন ধরনের যান্ত্রিক ক্ষত (Mechanical damage) এবং সেকেন্ডারী গ্রোথ (Secondary growth) কন্দের সর্বোচ্চ সংখ্যা (%)	০.০০	০.০০	০.০০	০.১০	০.৩০	০.৩০
০৮।	বীজের আকার - গ্রেড এ: ২৫-৪০ মিমি ব্যাস, গ্রেড বি: ৪১-৫৫ মিমি ব্যাস - নির্ধারিত আকার বহির্ভূত বীজ শতকরা ৫ ভাগের বেশী হলে গ্রহণযোগ্য নয় - প্রকৃত আলুবীজ হতে উৎপাদিত বীজ আলু (টিউবারলেট) উল্লিখিত গ্রেডিং এর আওতাভুক্ত নয়	যে কোনো আকার	যে কোনো আকার	যে কোনো আকার	(গ্রেড-এ এবং গ্রেড-বি)	(গ্রেড-এ এবং গ্রেড-বি)	(গ্রেড-এ এবং গ্রেড-বি)

* প্লান্টলেট/ মাইক্রো-টিউবার বীজের উৎস হইবে প্রজনন বীজ।

**রিং রট এবং গোল্ডেন নেমাটোড রোগ বাংলাদেশে এখনো পরিলক্ষিত হয়নি।

বি:দ্র: এই স্ট্যান্ডার্ডটি টিসু কালচারের মাধ্যমে উৎপাদিত বীজ আলুর বীজমান এবং মাঠমান এর ক্ষেত্রে প্রযোজ্য।