

নোটিফাইড এবং নন-নোটিফাইড  
ফসলের বীজ মান ও মাঠ মান

**SEED STANDARD AND FIELD STANDARD  
OF NOTIFIED AND NON-NOTIFIED CROPS**

বাংলাদেশ



গেজেট

অতিরিক্ত সংখ্যা  
কর্তৃপক্ষ কর্তৃক প্রকাশিত

সোমবার, ডিসেম্বর, ২০, ২০১০

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার  
কৃষি মন্ত্রণালয়  
বীজ উইং  
বাংলাদেশ সচিবালয়।

### বিজ্ঞপ্তি

তারিখ : ১০/১০/২০১০ খ্রি :

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।

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(আনোয়ার ফারুক)  
অতিরিক্ত-সচিব  
মহা-পরিচালক

## 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 (শায়া 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.)	0.0	0.03	0.05
a. Lehli (হিটকীরি)			
b. Wild oat (বন্য যাই)			
c. Wild lentil (বন মসুর)			
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.)	Trace	1.0	1.0
a) Other crop seed (Max. No. in total; whole sample will be tested)	0/kg	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	0/kg	5/kg	10/kg
4. Germination			
a. Fresh seed (Min. %)	80.0	80.0	80.0
b. Carryover seed (Min. %)	70.0	70.0	70.0
5. Moisture Content (Max. %)			
a. <i>C. Capsularis</i>	10.0	10.0	10.0
b. <i>C. olitorius</i>	8.0	8.0	8.0

#### FIELD STANDARD

Factor	Standard		
	Breeder	Foundation	Certified
1. Isolation distance (in meter)			
a. Field of other varieties of the same species	50.0	30.0	20.0
b. Field of other species	5.0	3.0	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	30.0	30.0	30.0
b) From other solanaceous crop	15.0	15.0	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> )	0.00	0.00	0.00
b) Leaf roll (PLRV)	0.00	0.50	2.00
c) Mosaic (PMV)	0.00	0.10	1.00
d) Ring rot	0.00	0.00	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>collectrichum falcatum</i> )	0.00	0.00	0.00
b) Mosaic (SCMV) (Stool basis)	0.00	1.00	3.00
c) Wilt ( <i>Cephalosporium Sacchari</i> ) (Stool basis)	0.00	0.10	0.50
d) Smut ( <i>Ustilago Scitaminea</i> ) (Stool basis)	0.00	0.10	0.30
e) RSD/GSD ( <i>Coryneform Bacteria MLO</i> ) (Stool basis)	0.00	0.10	0.50
f) White leat (MLO) (Stool basis)	0.00	0.10	0.50
g) Striga ( <i>Striga densiflora</i> )	0.00	0.00	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.	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. %)	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 CROPS

### 1. 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	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	0.30
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 consists 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) b) Total weed seed (Max. No. in total; whole sample will be tested) c) Other distinguishable varieties based on kernel colour and texture (Max.%)	-		5/kg 5/kg 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	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.-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	10/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. %)	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 otherwisch 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 otherwise 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
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)			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	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)	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.)			
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. %)	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.)			
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. %)	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	5/kg	10/kg
b) Total weed seed (Max. No. in total; whole sample will be tested)	10/kg	10/kg	20/kg
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	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.			

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	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.)	0.00	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
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	0.10	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
b) Total weed seed (Max. No. in total; whole sample will be tested)	None	None	None
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)			
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	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	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. %)	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	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	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.

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