



Seed Standard and Field Standard of Notified and Non-Notified Crops



SEED CERTIFICATION AGENCY

Ministry of Agriculture

Gazipur-1701



**Seed Standard and Field Standard of
Notified and Non-Notified Crops**
(Approved by NSB)



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(Ministry of Agriculture)
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কৃষির প্রধান উপকরণ হচ্ছে বীজ। শুধুমাত্র মান সম্পন্ন বীজ ব্যবহার করেই ফসলের শতকরা প্রায় ১৫-২০ ভাগ পর্যন্ত ফলন বৃদ্ধি করা সম্ভব। বীজের মান নিশ্চিতকরণের জন্য বীজ মান ও মাঠ মান (Seed Standard and Field Standard) একটি অপরিহার্য বিষয়। জাতীয় বীজ বোর্ডের ৪২তম সভায় ২৬/৮/১৯৯৯ইং তারিখে নোটিফাইড ফসলের আলু ও আখের এবং ৪৩তম সভায় ২৮/০৩/২০০০ইং তারিখে ধান, গম ও পাট (৫টি নোটিফাইড ফসলের) বীজ মান ও মাঠ মান জাতীয় বীজ বোর্ড কর্তৃক অনুমোদিত হয়েছে। নোটিফাইড ফসলের অনুরূপ নন-নোটিফাইড ফসলের বীজ মান ও মাঠ মান জাতীয়ভাবে অনুমোদন একান্তই সময়ের চাহিদা। নন-নোটিফাইড ফসলের বীজ মান ও মাঠ মান নির্ধারণের লক্ষ্যে জাতীয় বীজ বোর্ডের কারিগরী কমিটির ৫০তম সভার সিদ্ধান্ত মোতাবেক পরিচালক (গবেষণা), বাংলাদেশ কৃষি গবেষণা ইনস্টিটিউট, গাজীপুরকে আহবায়ক করে ৮ সদস্য বিশিষ্ট একটি উপ-কমিটি গঠন করা হয়। কমিটির সদস্যগণ হচ্ছেন ১। ড. মোঃ আঃ খালেক মিয়া, প্রফেসর, বঙ্গবন্ধু শেখ মুজিবুর রহমান কৃষি বিশ্ববিদ্যালয়, গাজীপুর ২। ড. এম এ হামিদ, পরিচালক (গবেষণা), বিনা, ময়মনসিংহ ৩। ড. মোঃ মোস্তাফিজুর রহমান খান, প্রধান বৈজ্ঞানিক কর্মকর্তা ও বিভাগীয় প্রধান, বারি, গাজীপুর ৪। জনাব কে এম নজরুল ইসলাম, যুগ্ম-পরিচালক, বীজ পরীক্ষাগার, বিএডিসি, বীজ ভবন, গাবতলী, ঢাকা ৫। জনাব মোঃ জালাল উদ্দিন, কনসালটেন্ট, সুপ্রীম সীড কোম্পানী ৬। জনাব মোঃ আজিজুল হক, সিনিয়র প্রোডাকশন ম্যানেজার, ধান বীজ উৎপাদন, ব্র্যাক কৃষি গবেষণা কেন্দ্র, গাজীপুর এবং ৭। জনাব আবদুর রহিম হাওলাদার, উপ-পরিচালক (ভ্যারাইটি টেস্টিং), বীজ প্রত্যয়ন এজেন্সী, গাজীপুর। গঠিত কমিটি এবং সংশ্লিষ্ট ফসলের গবেষণা প্রতিষ্ঠানের বিশেষ করে কৃষি গবেষণা ইনস্টিটিউটের ডাল, তৈল, শাক-সজি ও উদ্ভিদ প্রজনন বিভাগের বিজ্ঞানীবৃন্দের সমন্বয়ে যাচাই বাছাইপূর্বক ৭৪টি নন-নোটিফাইড ফসলের প্রস্তাবিত বীজ মান ও মাঠ মান নির্ধারণ করা হয়েছে। সেই সাথে পরামর্শক হিসেবে সরকারী ও বেসরকারী প্রতিষ্ঠানের সর্বজনাব ১। আনোয়ার ফারুক, মহা-পরিচালক, বীজ উইং ও অতিরিক্ত সচিব, কৃষি মন্ত্রণালয় ২। ড. ওয়ায়েস কবীর, নির্বাহী চেয়ারম্যান, বিএআরসি ২। ড. নজমুল হুদা, পরামর্শক, এসআইডি ৩। মাহবুব আনাম, সভাপতি, বাংলাদেশ সীড এসোসিয়েশন ৪। মোঃ মাসুম, চেয়ারম্যান, সুপ্রীম সীড কোম্পানী এবং ৫। মোঃ শাহজাহান আলী, উপদেষ্টা, পেট্রোকেম বাংলাদেশ লিঃ এর নাম বিশেষভাবে উল্লেখযোগ্য। সে লক্ষ্যে গঠিত উপ-কমিটি কর্তৃক প্রস্তাবিত বীজ মান ও মাঠ মান কারিগরী কমিটির ৬৩তম সভার সুপারিশের ভিত্তিতে জাতীয় বীজ বোর্ডের ৭০তম সভায় ০৪/১১/২০০৯ইং তারিখে অনুমোদিত হয়।

পরিশেষে বীজ মান ও মাঠ মান ম্যানুয়াল প্রণয়নের সাথে জড়িত সকল সদস্য ও পরামর্শকবৃন্দকে তাদের অক্লান্ত পরিশ্রম ও প্রচেষ্টার জন্য আন্তরিক ধন্যবাদ জানাচ্ছি এবং এ ম্যানুয়ালটি বীজ উৎপাদনকারী, বীজ ব্যবসায়ী, বীজ ব্যবহারকারীসহ মাঠ পর্যায়ে কর্মরত সকল কর্মকর্তাদের উল্লিখিত বীজ মান ও মাঠ মান অনুযায়ী বিভিন্ন ফসলের মান সম্পন্ন বীজ উৎপাদনে সহায়ক হবে বলে আশাবাদ ব্যক্ত করছি।

(মোঃ বাছির উদ্দিন)

পরিচালক

বীজ প্রত্যয়ন এজেন্সী

গাজীপুর-১৭০১।

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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/বনা ধান)			
b. Burnyard grass (শগামা 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 (বনা 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.

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 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. 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.

14. 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.

15. 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.			

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

16. 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.			

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

17. 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.

18. 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.

19. 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.

20. 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.

21. 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.

22. 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.

23. 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 otherwih damaged that makes assessment difficult will be rejected.			

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

24. 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.

25. 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.

26. 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.

27. 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.

28. 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.

29. 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.

30. 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.

31. 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.

32. 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.

33. 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.

34. 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.

35. 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.

36. 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.

37. 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.

38. 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.

39. 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.

40. 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.

41. 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. 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.

43. 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.

44. 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.

45. 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.

46. 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.

47. 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.

48. 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.

49. 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.

50. 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.

51. 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.

52. 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.

53. 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.

54. 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.

63. 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.

64. 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.

57. 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.

58. 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.

59. 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.

60. 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.

61. 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.

62. 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.

55. 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.

56. 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.

65. 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.

66. 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.

67. 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.

68. 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.

69. 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.

70. 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.

71. 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.

72. 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.

73. 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.

74. 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	0.50
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. Seed borne diseases & Obnoxious weeds to be specified by the competent authority.