

**Egypt***Wheat*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	1	1	1
Isolation (min. meters)	5	5	5
Other varieties (max. %)	0.05	0.1	0.2
Other species (max. %)	0.05	0.1	0.2
Noxious weeds (max. %)	0	0.01	0.01
Infected plants (max. %)			
Loose smut	0	0.01	0.02
<b>Seed Standards</b>			
Pure seed (min. %)	97	96	95
Other crop seeds (max. %)	0.1	0.5	1
Weed seeds (max. %) <sup>a</sup>	1	1	1
Infected seeds (max. %)			
Germination (min. %)	85	85	85
Moisture content (max. %)			

a Wild oats

**Egypt***Barley*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	1	1	1
Isolation (min. meters)	5	5	5
Other varieties (max. %)	0.05	0.1	0.2
Other species (max. %)	0	0.1	0.2
Noxious weeds (max. %)	0	0.01	0.01
Infected plants (max. %)			
Loose smut	0	0.02	0.05
<b>Seed Standards</b>			
Pure seed (min. %)	97	96	95
Other crop seeds (max. %)	0.1	0.5	1
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	85	85	85
Moisture content (max. %)			

## Egypt

*Rice*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	1	1	1
Isolation (min. meters)	5	5	5
Other varieties (max. %)	0.01	0.02	0.1
Other species (max. %)			
Noxious weeds (max. %)			
Red rice	0	0	0
Infected plants (max. %) <sup>a</sup>	0	0.01	0.02
<b>Seed Standards</b>			
Pure seed (min. %)	97	96	95
Other crop seeds (max. %)			
Weed seeds (max. %)			
Red rice	0	0	0
Infected seeds (max. %)			
Germination (min. %)	85	85	85
Moisture content (max. %) <sup>b</sup>	15	15	15

<sup>a</sup> Blast per head<sup>b</sup> Moisture content should be 15% during October and November

**Egypt***Maize*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	1	1	1
Isolation (min. meters)	300	300	300
Other varieties (max. %)	0	0.1	0.5
Other species (max. %)			
Noxious weeds (max. %)			
Infected plants (max. %)			
<b>Seed Standards</b>			
Pure seed (min. %)	97	96	95
Other crop seeds (max. %)			
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	85	85	85
Moisture content (max. %)	15	15	15

**Egypt***Maize (hybrid)*

Standards	Seed Classes	
	Foundation	Certified
<b>Field Standards</b>		
Rotation (min. years)	1	1
Isolation (min. meters) <sup>a</sup>	300	300
Other varieties (max. %)		
Female parent	0	0.1
Male parent	0	0.1
Other species (max. %)		
Noxious weeds (max. %)		
Infected plants (max. %)		
<b>Seed Standards</b>		
Pure seed (min. %)	97	95
Other crop seeds (max. %)		
Weed seeds (max. %)		
Infected seeds (max. %)		
Germination (min. %)	85	85
Moisture content (max. %)	15	15

a Time isolation of 30 days is acceptable

## Egypt

*Sorghum*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	2	2	2
Isolation (min. meters)	400	300	200
Other varieties (max. %)			
Definite off-types	0.002	0.003	0.005
Doubtful off-types	0.005	0.01	0.1
Other species (max. %)			
Noxious weeds (max. %)			
Infected plants (max. %) <sup>a</sup>	0	0.1	0.2
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Other crop seeds (max. %)	0.01	0.05	1
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	80	80	80
Moisture content (max. %)			

a Kernel smut (*Sporisorium sorghi*)

## Egypt

*Sorghum (hybrid)*

Standards	Seed Classes	
	Foundation	Certified
<b>Field Standards</b>		
Rotation (min. years)	2	2
Isolation (min. meters)	400	400
Other varieties (max. %)		
Definite off-types	0.002	0.005
Doubtful off-types	0.005	0.1
Other species (max. %)		
Noxious weeds (max. %)		
Infected plants (max. %) <sup>a</sup>	0	0.2
<b>Seed Standards</b>		
Pure seed (min. %)	93	93
Other crop seeds (max. %)	0.01	1
Weed seeds (max. %)		
Infected seeds (max. %)		
Germination (min. %)	80	80
Moisture content (max. %)		

a Kernel smut (*Sporisorium sorghi*)

**Egypt***Sweet Sorghum*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	2	2	2
Isolation (min. meters)	400	300	200
Other varieties (max. %)	0.1	0.5	1
Other species (max. %)			
Noxious weeds (max. %)			
Infected plants (max. %)			
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Other crop seeds (max. %)	0	0	0
Weed seeds (max. %)	0	0	0
Infected seeds (max. %)			
Germination (min. %)	70	70	70
Moisture content (max. %)			

## Egypt

*Faba bean*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	3	3	3
Isolation (min. meters)	200	200	150
Other varieties (max. %)	0.1	0.3	0.5
Other species (max. %)			
Noxious weeds (max. %) <sup>a</sup>	0.05	0.1	0.2
Infected plants (max. %)			
BBTMV <sup>b</sup>	0	0.5	2
BBSV <sup>c</sup>	0	0.5	2
Virus diseases (total)	0	0.5	2
<b>Seed Standards</b>			
Pure seed (min. %)	93	93	93
Other crop seeds (max. %)	0.3	0.3	0.3
Weed seeds (max. %)	1.5	1.5	1.5
Infected seeds (max. %) <sup>b</sup>			
Germination (min. %)	85	85	85
Moisture content (max. %)			

<sup>a</sup> *Orobanche crenata*.<sup>b</sup> BBTMV= Broad Bean True Mosaic Virus<sup>c</sup> BBST=Broad Bean Stain Virus

NB Insect infestation of up to a maximum of 20% is allowed if seed is treated with pesticides and no live insects are present

## Egypt

### *Chickpea*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	2	2	2
Isolation (min. meters)	50	25	25
Other varieties (max. %)	0	0.01	0.1
Other species (max. %)	0	0.01	0.1
Noxious weeds (max. %) <sup>a</sup>	0.05	0.1	0.2
Infected plants (max. %) <sup>b</sup>	0	0.2	0.5
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Other crop seeds (max. %)	0	0.5	1
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	85	85	85
Moisture content (max. %)			

<sup>a</sup> *Orobanche crenata*.

<sup>b</sup> *Ascochyta rabiei*.

## Egypt

*Lentil*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	1	1	1
Isolation (min. meters)	50	30	10
Other varieties (max. %)	0.1	0.2	0.5
Other species (max. %)	0	0.01	0.1
Noxious weeds (max. %) <sup>a</sup>	0.05	0.1	0.2
Infected plants (max. %) <sup>b</sup>	0	0.5	2
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Other crop seeds (max. %)	0.1	0.3	0.5
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	85	85	85
Moisture content (max. %)			

<sup>a</sup> *Orobanche crenata*.<sup>b</sup> Pea mosaic virus

## Egypt

### *Haricot bean, Cowpea and Pea*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	2	2	2
Isolation (min. meters)	125	125	75
Other varieties (max. %)	0.1	0.02	0.04
Other species (max. %)			
Noxious weeds (max. %)			
Infected plants (max. %)	0	0	0.5
<b>Seed Standards</b>			
Pure seed (min. %)	97	96	95
Other crop seeds (max. %)	0	0.5	1
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	70	70	70
Moisture content (max. %)			

**Egypt***Linseed*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	1	1	1
Isolation (min. meters)	500	500	300
Other varieties (max. %)	0.02	0.05	0.1
Other species (max. %)			
Noxious weeds (max. %) <sup>a</sup>	0	0.01	0.01
Infected plants (max. %)			
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Offtypes	0	0.2	1
Other crop seeds (max. %)	0	0.5	1.5
Weed seeds (max. %)	0	0	0.5
Infected seeds (max. %)			
Germination (min. %)	85	85	85
Moisture content (max. %)			

<sup>a</sup> *Lepidium sativum*

## Egypt

*Sunflower*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	1	1	1
Isolation (min. meters)			
Open pollinated	3000	3000	2000
Hybrids	3000		2000
Other varieties (max. %)	0	0.1	0.5
Offtypes			
Female parent	4/1000		4/1000
Male parent	4/1000		4/1000
Open pollinated varieties	5/1000		5/1000
Fertile plants in female parent	4/1000		4/1000
Other species (max. %)			
Noxious weeds (max. %)			
Infected plants (max. %) <sup>a</sup>	0	0.2	0.5
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Offtypes	0	0.5	1
Other crop seeds (max. %)	0	0.5	1
Weed seeds (max. %)			
Infected seeds (max. %) <sup>b</sup>			
Germination (min. %)	85	85	85
Moisture content (max. %)			

<sup>a</sup> Each for *Scloretina* and *Botrytis*

<sup>b</sup> *Botrytis cinerea*

## Egypt

*Alfalfa (Lucerne)*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	4	3	2
Isolation (min. meters)			
Different classes	10	10	10
Non-certified	500	300	100
Other varieties (max. %)	0	0.25	1
Other species (max. %)	0	0	0
Noxious weeds (max. %) <sup>a</sup>	0	0	0
Infected plants (max. %)	0	0	0
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Offtypes	0	0	0.5
Other crop seeds (max. %)	0.1	0.5	1.5
Noxious weed seed (max. %) <sup>a</sup>	0	0	0
Infected seeds (max. %)	0	0	0
Germination (min. %)	85	85	85
Moisture content (max. %)			

<sup>a</sup> *Cuscuta planiflora*

## Egypt

*Egyptian clover (Berseem)*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	5	3	2
Isolation (min. meters)			
Commercial varieties	500	400	300
Different certified varieties	300	200	100
Other varieties (max. %)	0	0.1	0.2
Other species (max. %)			
Noxious weeds (max. %) <sup>a</sup>	0	0	0
Infected plants (max. %)			
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Offtypes	0	0.3	1
Other crop seeds (max. %)	0.1	0.5	1.5
Noxious weed seed (max. %) <sup>a</sup>	0	0	0
Infected seeds (max. %)			
Germination (min. %)	85	85	85
Moisture content (max. %)			

<sup>a</sup> *Cuscuta planiflora*

**Egypt***Cotton*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	2	2	2
Isolation (min. meters)	1000	1000	500
Other varieties (max. %)	0	0	0
- Other offtypes	0	1/35000	1/21000 <sup>a</sup>
Other species (max. %)	0	0	0
Noxious weeds (max. %)			

**Seed Standards<sup>b</sup>**

<sup>a</sup> Standard for certified seed 2 is 1/7000

<sup>b</sup> Seed standards are defined annually by decree, but pure live seed (PLS) should not be less than 70%

**Egypt***Sugar beet*


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Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>	No Field Standards		
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Other crop seeds (max. %)	0	0.5	1.5
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	60	60	60
Moisture content (max. %)			

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**Egypt***Beans*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	1	1	1
Isolation (min. meters)	125	125	75
Other Varieties (max. %)			
Definite offtypes	0	0.2	0.4
Doubtful types	0	0.1	0.4
Other species (max. %)			
Noxious weeds (max. %)			
Infected plants (max. %)			
Anthracnose	0	2	5
Bean Yellow Mosaic	0	0	0.5
Bacterial brown spot and Bacterial wilt	0	0	0
Blights	0	0	0
Clover and Bean mosaic	0	0	1
<b>Seed Standards</b>			
Pure seed (min. %)	97	96	95
Other crop seeds (max. %)	0	0.5	1
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	75	75	75
Moisture content (max. %)			

**Egypt***Cabbage*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>	No Field Standards		
Rotation (min. years)			
Isolation (min. meters)			
Other varieties (max. %)			
Other species (max. %)			
Noxious weeds (max. %)			
Infected plants (max. %)			
<b>Seed Standards</b>			
Pure seed (min. %)	97	96	95
Other crop seeds (max. %)	0	0.5	1
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	70	70	70
Moisture content (max. %)			

**Egypt***Carrot*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>	No Field Standards		
Rotation (min. years)			
Isolation (min. meters)			
Other varieties (max. %)			
Other species (max. %)			
Noxious weeds (max. %)			
Infected plants (max. %)			
<b>Seed Standards</b>			
Pure seed (min. %)	92	91	90
Other crop seeds (max. %)	0.5	1	3
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	55	55	55
Moisture content (max. %)			

**Egypt***Cucumber*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	2	2	3
Isolation (min. meters)	1500	1500	1000
Other Varieties (max. %)			
Definite offtypes	0	0	0.2
Doubtful types	0	0.2	0.5
Other species (max. %)	0	0	0
Noxious weeds (max. %)			
Infected plants (max. %)			
Bacterial diseases	0	0	0
Bean Yellow Mosaic Virus	0	1	2
Cucumber Mosaic Virus	0	1	2
Dead Spot Melon Virus	0	1	5
Squash Mosaic Virus	0	1	3
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Other crop seeds (max. %)	0	0.5	1.5
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	65	65	65
Moisture content (max. %)			

## Egypt

### *Egg plant*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	3	3	3
Isolation (min. meters)	1000	1000	750
Other Varieties (max. %)			
Definite offtypes	0	0.2	0.4
Doubtful types	0	0.1	0.2
Other species (max. %)	0	0	0
Noxious weeds (max. %)			
Infected plants (max. %)			
Brown Rot and Blights	0	0	0
Clover Mosaic Virus	0	0.5	2
Cucumber Mosaic Virus	0	0.5	2
Egg Plant Mosaic Virus	0	1	3
Potato Virus Y	0	0.5	2
Tobacco Mosaic Virus	0	0.5	2
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Other crop seeds (max. %)	0.1	0.5	1.5
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	65	65	65

**Egypt***Onion*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	2	2	2
Isolation (min. meters)	5000	3000	3000
Other varieties (max. %)			
Offtype bulbs	0.5	0.5	5.0
Offtype plants	0.1	0.1	0.1
Other species (max. %)			
Noxious weeds (max. %)			
Infected plants (max. %)			
Onion Yellow Dwarf Virus	0	0.1	0.2
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Other crop seeds (max. %)	0	0.5	1.5
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	70	70	70
Moisture content (max. %)			

**Egypt***Pepper*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	3	3	3
Isolation (min. meters)	1000	1000	750
Other varieties (max. %)			
Definite offtypes	0	0.2	0.4
Doubtful types	0	0.1	0.2
Other species (max. %)	0	0	0
Noxious weeds (max. %)			
Infected plants (max. %)			
Bacterial Diseases	0	0	0
Clover Mosaic Virus	0	0.5	2
Cucumber Mosaic Virus	0	0.5	2
Egg Plant Mosaic Virus	0	1	3
Potato Virus Y	0	0.5	2
Tobacco Mosaic Virus	0	0.5	2
<b>Seed Standards (tubers)</b>			
Pure seed (min. %)	95	94	93
Other crop seeds (max. %)	0.1	0.5	1.5
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	55	55	55

## Egypt

### *Potato*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)			
Isolation (min. meters)	1000 (North-West) 500 (South-East)		
Other Varieties (max. %)	0.1	0.1	0.1
Other species (max. %)			
Noxious weeds (max. %)			
Infected plants (max. %)			
Apparent Virus Diseases			3
Bacterial wilt or Brown rot			0
Black Leg			0.1
Stem canker & Black scurf			2
Coloration of vessels			0.5
<b>Seed Standards (tubers)</b>			
Potato tuber moth			0.5
Brown rot			0
Common scab & Black scurf			1
Dry rot			0.5
Powdery scab			1
Silver scurf			5
Other fungal diseases			0.5
Root knot nematodes			0
Virus diseases			1
Physiological disorders			
Coloration of vessels			0.5
Hollow heart & Black scurf			1
Cracks			1
Secondary Growth			1

**Egypt***Tomato*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	3	3	3
Isolation (min. meters)	125	100	50
Other Varieties (ax. %)			
Definite offtypes	0	0.2	0.4
Doubtful types	0	0.1	0.2
Other species (max. %)	0	0	0
Noxious weeds (max. %)			
Infected plants (max. %)			
Bacterial diseases	0	0	0
Virus diseases	0	0.5	2
<b>Seed Standards</b>			
Pure seed (min. %)	95	94	93
Other crop seeds (max. %)	0.1	0.2	0.5
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	70	70	70

<sup>a</sup> It may include viral diseases such as Apical Stunting Virus, Clover Mosaic Virus, Double Virus Streak, Leaf-roll Virus, Tobacco Mosaic Virus and Watery Fruit Wilt Virus

## Egypt

### *Water melon*

Standards	Seed Classes		
	Foundation	Registered	Certified
<b>Field Standards</b>			
Rotation (min. years)	2	2	2
Isolation (min. meters)	1000	1000	1000
Other Varieties (max. %)			
Definite offtypes	0	0	0.2
Doubtful types	0	0	1.5
Other species (max. %)	0	0	0
Noxious weeds (max. %)			
Infected plants (max. %)			
Bacterial Diseases	0	0	0
Bean Yellow Mosaic Virus	0	1	2
Cucumber Mosaic Virus	0	1	2
Melon Dead Spot	0	1	5
Squash Mosaic Virus	0	1	3
<b>Seed Standards</b>			
Pure seed (min. %)	97	96	95
Other crop seeds (max. %)	0	0.5	1.5
Weed seeds (max. %)			
Infected seeds (max. %)			
Germination (min. %)	65	65	65