

Isolation Distance

The crop raised for seed production should be separated from other fields of the same crop species by a minimum distance, which varies from one crop to the other. This distance is known as isolation distance.

Crop	Foundation Seed(m)	Certified Seed(m)
Self pollinated crops(Cereals and Millets)		
Paddy	3	3
Wheat	3	3
Pulses		
Green gram	10	5
Black gram	10	5
Soyabean	3	3
Oilseeds		
Groundnut	3	3
Vegetables		
Tomato	50	25
Peas	10	5
Lettuce	50	25
Potato	5	5
Often Cross Pollinated crops Millet		
Sorghum Variety	200	100
Sorghum hybrid	300	200
Pulses		
Red gram	200	100
Oilseeds		
Sesame	100	50
Cotton(Variety)	50	30
Vegetables		
Okra(AFO-2020)	400	200
Brinjal	200	100
Chillies	400	200
Cabbage	1600	1000
Beetroot	1600	1000
Radish	1600	1000
Cauliflower	1000	500
Onion	1000	800
Carrot	400	200
Amaranthus	1000	500
Cucurbits (All crops)	1000	500
Spinach	1600	1000
Cross Pollinated Crops Millets		
Maize(varieties)	400	200



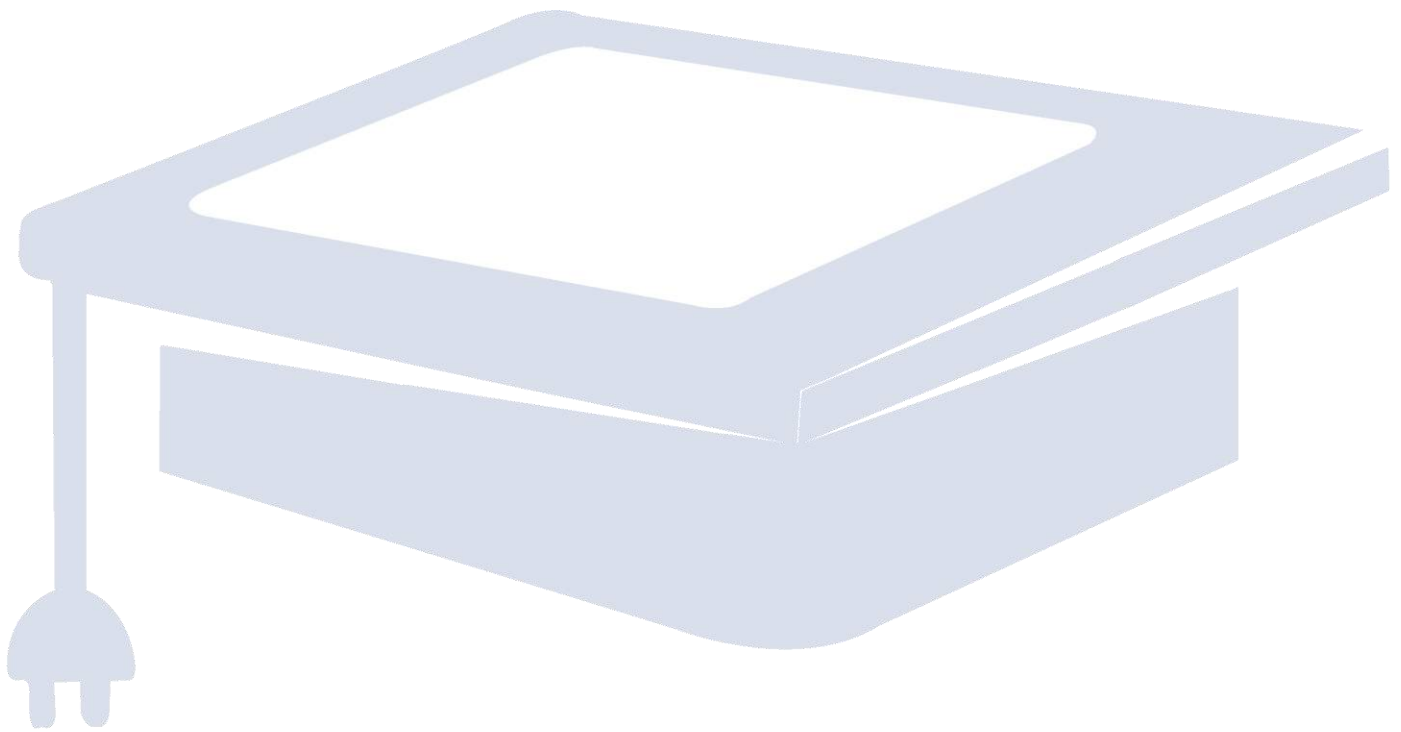
Inbred line	400	-
Single cross hybrid	400	-
Double cross hybrid	-	200
Bajra variety	400	200
Bajra hybrid	1000	200
Sun hemp	200	1000
Sunflower variety	400	200
Sunflower hybrid	600	400

Germination and purity standard for certified seeds of different crops.

Variety	Germination Minimum Percentage	Purity Minimum Percentage
Cowpea	75	98
Cluster beans	70	98
Field beans	75	98
Beans	75	98
Ladies finger	65	99
Bitter gourd	60	99
Sponge gourd	60	99
Bottle gourd	60	99
Cucumber	60	99
Snake gourd	60	99
Watermelon	60	99
Pumpkin	60	99
Cauliflower	65	98
Cabbage	70	98
Knol-khol	70	98
Carrot	60	95
Radish	70	98
Brinjal	70	98
Tomato	70	98
Chillies	60	98
Capsicum	60	98



Greens	70	95
Fenugreek	70	98
Basella	60	96
Onion	70	98



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