

Plant		Japanese apricot		57(07015)	Primary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Color of one-year-old shoot	10	Observation	1:Green 3:Green red 5:Red		Color of the medium length shoots at dormant season
2	Leaf shape	15 leaves	Observation	1:Ovate 3:Oblate 5:Rounded 7:Elliptical 9:Elongated		Two or three leaves from the medium length shoot in July
3	Color of petal	10 flowers	Observation	1:White 2:White pink 3:Light pink 5:Pink 7:Vermillion 8:Red 9:Part colored		Color of petal just after blooming
4	Number of petals	10 flowers	Measurement	1:5 petals 3:6-10 petals 5:11-20 petals 7:>=20 petals		Petal number at flowering stage
5	Shape of petal	10 flowers	Observation	3:Rounded 5:Elliptical 7:Elongated		Shape of petal just after blooming
6	Color of calyx	10 flowers	Observation	1:Yellowish green 3:Green 5:Light red 7:Red 9:Reddish purple		Color of calyx just after flowering
7	Fruit shape	20 fruits	Observation	1:Ovate 3:Oblate 5:Rounded 6:Rounded elliptical 7:Elliptical 9:Elongated		Height and width of matured fruit are measured. Height/width ratio is classified.
8	Ground color of fruit skin	20 fruits	Observation	1:Yellow 3:Yellowish green 4:Light green 5:Green 7:Deep green 9:Red		Ground color of matured fruit skin
9	Density of pubescens	20 fruits	Observation	3:Low 5:Intermediate 7:High		Density of pubescence of skin surface at harvest time
10	Stone adherence to fully ripe fruit	10 fruits	Observation	1:Freestone 3:Semi freestone 5:Semi clingstone 7:Clingstone		Fully ripe fruit. Freestone means easy to be separated from flesh.
11	Shape of stone	10 fruits	Observation	1:Ovate 3:Oblate 5:Round 6:Round elliptical 7:Elliptical 9:Oblong		Weight/width are measured

Plant		Japanese apricot		57(07015)	Secondary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Tree habit	2 trees	Observation	1:Weeping 3:Upright 5:Intermediate 7:Spreading 9:Creeping		Tree shape, tree height and crotch angle of branches
2	Tree vigor	2 trees	Observation	3:Low 5:Intermediate 7:High		Shoot length and canopy size
3	Number of shoots	2 trees	Observation	3:Few 5:Intermediate 7:Many		Shoot number from the top of subscaffold. Few:<=20, intermediate:21-40, many:>=41
4	Number of spurs	10 shoots	Observation	3:Few 5:Intermediate 7:Many		Number of short branch less than 20 cm on two-year-old shoot. Few:<=10, intermediate:11-15, many:>=16
5	Number of flower buds	10 shoots	Observation	3:Few 5:Intermediate 7:Many		Flower number per 10 cm are counted at dormant season. Few:<=10, intermediate:11-20, many:>=21
6	Degree of physiological fruit drop	2 trees	Observation	3:Low 5:Intermediate 7:Many		Ratio of number of harvested fruits/fruits number just after thinning
7	Productivity	2 trees	Observation	3:Low 5:Intermediate 7:High		Total weight of harvested fruits
8	Harvest season	2 trees	Observation	3:Early 5:Intermediate 7:Late		The date when half fruits were harvested
9	Season of defoliation	2 trees	Observation	3:Early 5:Intermediate 7:Late		The date of 75% leaves fell
10	Resistance to Pseudomonas spp.	2 trees	Observation	3:Low 5:Intermediate 7:High		Degree of infested leaves and fallen leaves

Plant		Japanese apricot		57(07015)	Tertiary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Uniformity of fruit	10 fruits	Observation	3:Low 5:Intermediate 7:High		Size and shape of fully ripe fruit
2	Depth of suture	10 fruits	Observation	3:Shallow 5:Intermediate 7:Deep		
3	Blushing of skin	10 fruits	Observation	1:None 3:Weak 5:Intermediate 7:High		Ratio of blushed/non blushed area of fruit skin
4	Degree of fruit gumming	10 fruits	Observation	1:No gumming 2:Very low 3:Low 5:Intermediate 7:High		Number of gumming fruits per 10 fruits. Very low:>=1, low:2, intermediate:3-5, high:<=6
5	Flesh color	10 fruits	Observation	1:Yellow 3:Light yellow green 4:Light green 5:Green 7:Deep green 9:Red		Color of flesh just after cutting. Fully ripe fruits
6	Flesh texture	5 fruits	Observation	3:Coarse 4:Slightly coarse 5:Intermediate 7:Fine		Determined by organoleptic test of fully ripe fruits
7	Acidity of juice	5 fruits	Measurement	3:Low 5:Intermediate 7:High		Measured with pH meter or titrative acidity
8	Quality of fruit	10 fruits	Observation	3:Low 5:Intermediate 7:High		General evaluation by appearance and flesh texture
9	Storability of fruit	20 fruits	Observation	3:Short 5:Intermediate 7:Long		Duration of half 20 fruit stored in room temperature became too soft and damaged. Short:<=2 days, intermediate:3-4 days, long:>=5 days
10	Size of stone	10 fruits	Measurement	1:Very small 3:Small 5:Intermediate 7:Large 9:Very large		Weight of stone at harvest. Very small:<=0.5 g, large:2.6-3.5 g, very large:>=3.6 g

Plant		Japanese apricot		57(07015)	Tertiary optional character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Density of fiber		Observation	3:Low 5:Intermediate 7:High		Density of fiber (conduct tissue) around stone
2	Suitability for processing		Others	3:Low 5:Fair 7:High		Evaluated by appearance, taste and easiness of handling for dry or in syrup