

Plant		Allium		499	Primary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Diameter of inflorescence	5 plants	Measurement	1:<= 10 mm 2:11-30 mm 3:31-50 mm 4:51-70 mm 5:71-100 mm 6:101-150 mm 7:151-200 mm 8:201-300 mm 9:>= 301 mm		At flowering stage
2	Number of flowers	5 plants	Measurement	1:<= 10 2:11-30 3:31-50 4:51-100 5:101-200 6:201-500 7:501-1000 8:1001-3000 9:>= 3001		At flowering stage
3	Petal length	5 flowers	Measurement	1:<= 5 mm 2:6-10 mm 3:11-15 mm 4:16-20 mm 5:21-25 mm 6:26-30 mm 7:31-40 mm 8:>= 41 mm		Measure flowers of moderate size at flowering stage
4	Petal width	5 flowers	Measurement	1:<= 2 mm 2:3-5 mm 3:6-10 mm 4:11-15 mm 5:16-20 mm 6:21-25 mm 7:26-30 mm 8:>= 31 mm		Measure flowers of moderate size at flowering stage
5	Petal color	5 flowers	Observation	1:White 2:Yellow 3:Pink 4:Deep pink 5:Red 6:Purple 7:Blue 8:Light blue 9:Other		At flowering stage
6	Scape diameter	5 plants	Measurement	1:<= 2 mm 2:3-5 mm 3:6-10 mm 4:11-15 mm 5:16-20 mm 6:21-25 mm 7:26-30 mm 8:>= 31 mm		Measure central portion of scapes at flowering stage
7	Number of leaves	5 plants	Measurement	1:<= 2.0 2:2.1-5.0 3:5.1-10.0 4:10.1-15.0 5:15.1-20.0 6:>= 20.1		At flowering stage
8	Leaf length	5 plants	Measurement	1:<= 5 mm 2:6-10 mm 3:11-20 mm 4:21-30 mm 5:31-50 mm 6:51-75 mm 7:76-100 mm 8:>= 101 mm		Measure the largest leaf at flowering stage
9	Leaf width	5 plants	Measurement	1:<= 5 mm 2:6-10 mm 3:11-15 mm 4:16-20 mm 5:21-25 mm 6:26-30 mm 7:31-50 mm 8:51-100 mm 9:>= 101 mm		Measure the largest leaf at flowering stage
10	Scape length	5 plants	Measurement	1:<= 5 cm 2:6-10 cm 3:11-30 cm 4:31-50 cm 5:51-70 cm 6:71-100 cm 7:101-150 cm 8:>= 151 cm		At the flowering stage, length from the ground to the bottom of inflorescence
11	Flowering time	Block	Observation	date		Date when 50% of plants have flowered (that is, when two or three flowers in a floret have flowered)

Plant		Allium		499	Secondary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Sprouting time	Block	Observation	date		Date when 50% of plants have sprouted in a normal cultivated field
2	Date of leaf senescence	Block	Observation	date		Date when leaves of 50% plants have died in a normal cultivated field
3	Resistance to rust disease	5 plants	Observation	1:Very low 3:Low 5:Intermediate 7:High 9:Very high		Observe the degree of occurrence of rust disease
4	Pollen fertility	200 grains	Measurement	1:0% 2:0-10% 3:10-30% 4:30-50% 5:50-70% 6:70-80% 7:80-90% 8:90-100%		Microscopic observation of pollen grains stained by aceto-carmin

Plant		Allium		499		Tertiary essential character
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Flowering period	5 plants	Observation	days (round to the 1st decimal place)		Number of days from blooming of the first flower until the blooming of all flowers in a floret
2	Fragrance	5 plants	Sensory	0:None 1:Slight 3:Low 5:Intermediate 7:Strong		