

Plant		Wax gourd		533	Primary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Plant: growth type	5 plants	Observation	1:Dwarf 2:Determinate 3:Indeterminate		Plant type
2	Leaf: shape	5 plants	Observation	1:Angular 2:Medium 3:Round		Leaf: shape
3	Leaf blade: size	10 leaves	Measurement	cm (round to the 1st decimal place)		Leaf: size (leaf length × leaf width of the largest leaf)
4	Petiole: length	10 leaves	Measurement	cm (round to the 1st decimal place)		Petiole: length
5	Stem: number of nodes (up to and including the first female flowering node)	5 plants	Measurement	* (round to the 1st decimal place)		Number of nodes up to node with 1st female flower at flowering
6	Fruit: intensity of green color of immature fruit	10 fruits	Observation	3:Light green 5:Green 7:Dark green 9:Other		Fruit: intensity of green color of immature fruit (25-30days after flowering)
7	Fruit: weight	10 fruits	Measurement	kg (round to the 1st decimal place)		Fruit: weight
8	Fruit: color	10 fruits	Observation	1:Green 2:Red 9:Other		Color of fruit skin
9	Fruit: intensity of ground green color of skin at harvest	10 fruits	Observation	3:Light green 5:Green 7:Dark green 9:Other		Fruit: intensity of ground green color of skin at harvest
10	Fruit: shape	10 fruits	Observation	1:Flattened 2:Cylindrical 3:Rectangular		Fruit: shape
11	Fruit: surface between ridges	10 fruits	Observation	3:Concave 5:Flat 7:Convex		Shape of surface between ridges
12	Fruit: diameter	10 fruits	Measurement	cm (round to the 1st decimal place)		Fruit: diameter
13	Fruit: length	10 fruits	Measurement	cm (round to the 1st decimal place)		Fruit: length

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14	Fruit: thickness of pericarp	10 fruits	Measurement	cm (round to the 1st decimal place)		Fruit: thickness of pericarp
15	Fruit: length of peduncle	10 fruits	Observation	3:Short 5:Midium 7:Long		Fruit: length of peduncle
16	Fruit: number of locules	10 fruits	Observation	1:Less than six 2:More than five		Number of locules
17	Seed: weight	100 seeds	Measurement	g (round to the 1st decimal place)		Seed: the weight of 100 seeds
18	Bearing habit	5 plants	Observation	3:On main branch 5:On main and lateral branch 7:On lateral branch		Bearing habit

Plant		Wax gourd		533	Primary optional character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Stem: number of lateral shoot	5 plants	Observation	3:Few 5:Medium 7:Many		Number of lateral shoot
2	Leaf: incision	5 plants	Observation	3:Weak 5:Medium 7:Strong		Leaf: incision
3	Leaf: intensity of green color	5 plants	Observation	3:Light green 5:Green 7:Dark green 9:Other		Leaf: intensity of green color
4	Stem: color	5 plants	Observation	1:Green 2:Red 9:Other		Color of main stem