



## Ramnagar Giant Brinjal

Brinjal or egg plant (*Solanum melongena* L.) is an important Solanaceous crop of sub-tropics and tropics. The name egg plant has been derived from the shape of the fruit of some varieties, which are white and resemble in shape to chicken eggs. The brinjal is of much importance in the warm areas of far East, being grown extensively in India, Bangladesh, Pakistan, China and the Philippines.

In India, it is one of the most common, popular and principal vegetable crops grown throughout the country except higher altitudes. It is a versatile crop adapted to different agro-climatic regions and can be grown throughout the year. It is a perennial but grown commercially as an annual crop. A number of cultivars are grown in India, consumer preference being dependent upon fruit color, size and shape. The varieties of *Solanum melongena* L. display a wide range of fruit shapes and colours. Most of the commercially important varieties have been selected from the long established types of the tropical India and China.



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Uttar Pradesh  
State Biodiversity  
Board

### Ram Nagar Giant a local land race of Brinjal

**Botanical Name :** *Solanum melongena* L.; **Candidate Varieties Name :** Ram Nagar Giant; **Varieties Type (Inbred/Hybrid):** Inbred; **Institution at which developed:** Local Cultivar of Varanasi; **Seasons (Kharif/Rabi/Zaid):** Kharif.

S.No.Characteristics	States
1 Seedling: anthocyanin colouration of hypocotyl	absent
2 Stem: anthocyanin colouration	Absent
3 Stem: pubescence	weak
4 Leaf: length	large (>20 cm)
5 Leaf: width	medium (10-20 cm)
6 Leaf: margin	entire
7 Leaf: blistering	Present
8 Leaf: spininess	absent
9 Leaf: blade colour	green
10 Leaf: Intensity of colour of blade	medium
11 Leaf: colour of vein	purple
12 Leaf: intensity of colour of veins	medium
13 Inflorescence: number of flowers	1 to 3
14 Flower: size	large
15 Flower: colour	White
16 Flowering Time (days after seed sowing)	medium (60-80 days)
17 Fruit: length	medium (10-20 cm)
18 Fruit: diameter	Large (>10 cm)
19 Fruit: length / diameter ratio	medium (1.0-2.0)
20 Fruit: general shape	ovoid
21 Fruit: diameter of pistil scar	small (<1.0cm)

S.No.Characteristics	States
22 Fruit: shape of apex	indented
23 Fruit: colour of skin at commercial harvesting	greenish white
24 Fruit: intensity of purple colour of skin	light
25 Fruit: intensity of green colour of skin	light
26 Fruit: stripes	absent
27 Fruit: patches	absent
28 Fruit: glossiness at harvest maturity	weak
29 Fruit: size of calyx	medium
30 Fruit: colour of calyx	green
31 Fruit: intensity of colour of calyx	medium
32 Fruit: spininess of calyx	absent
33 Fruit: ribs	absent
34 Fruit: creasing of calyx	medium
35 Fruit: colour of flesh	greenish
36 Fruit: length of peduncle	medium (1.0-5.0 cm)
37 Fruiting: pattern	solitary
38 Plant: growth habit	erect
39 Plant: height	tall (101-150 cm)
40 Plant: spread (distance between two extremes leaf tips at widest point)	medium (50-100 cm)
41 Fruit: color of skin at maturity	yellow

### Special Features:

This cultivar is local selection from Varanasi. Plant habit is erect with dark green and broad foliage, 125-150 cm plant height with stout and 50% flowering at 60-70 days after sowing. It bears 3-4 fruits with light green colour and fruit weight ranged from 750g to 1500g. This cultivar is suitable for *bharta* making because of soft fleshed and few seeds.



### Uttar Pradesh State Biodiversity Board

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