

**IMPORTANT CHARACTERISTICS OF THE VARIETIES DEVELOPED BY  
VEGETABLE RESEARCH STATION, JUNAGADH**

<b>1.</b>	<b>Gujarat Garlic-2 (GG-2)</b>
	The bulbs are medium in size, compact and white in color.
	Bulb girth is 10.53 cm.
	No. of average cloves per bulb is 22.27
	Bulb weight 14.0 g.
	Total Soluble Solids (T.S.S.) is 35.20 %.
	Good storage capacity due to compact bulb.
	Days to maturity- 135 to140
	Bulb yield (kg/ha) – 7535
	Release Year-1993
<b>2.</b>	<b>Gujarat Garlic – 3 (GG-3)</b>
	The bulbs are medium in size, compact and white in color.
	Bulb girth is 10.2 cm.
	No. of average cloves per bulb is 21.4
	Bulb weight 13.0 g.
	Total Soluble Solids (T.S.S) is 37.10 %.
	Good storage capacity due to compact bulb.
	Days to maturity- 135 to140
	Bulb yield (kg/ha) – 7457
	Release Year-1999
<b>3.</b>	<b>Gujarat Okra –2 (GO-2)</b>
	Pods are long, green, tender and attractive
	Plant height is 120 to 125 cm.
	No. of pods per plant is 18 to 20
	Pod length is 16 to17 cm.
	Pod Weight 19 to 20 g
	Suitable for Kharif and Summer season
	Tolerant against YVMV disease
	Days to first picking – 53 to 55
	Days to maturity- 105 to110
	Pod yield (kg/ha) – 17044
	Release Year-1999

<b>4.</b>	<b>Gujarat Papdi-1 (GP-1)</b>
	The pods are short long in size with light green colour
	Plant height is 105 to 110 cm.
	Pod Length is 6 to 7 cm.
	Pod Girth is 3 to 4 cm.
	No. of Pods per plant is 125 to 130
	Pod weight is 2.6 to 3.0 g.
	Plants are semi spreading
	Days to first picking - 87 to 90
	Days to maturity - 145 to 150
	Pod yield (kg/ha) - 8339
	Release Year - 2000
<b>5.</b>	<b>Gujarat White Onion-1(GW0-1)</b>
	The bulbs are big in size with round shape and white in colour
	Bulb girth is 16 to 17 cm.
	Bulb length (cm) is 7 to 8 cm.
	Bulb weight 57 to 60 g.
	Total Soluble Solids (T.S.S) is 15.42 %.
	Days to maturity - 133 to135
	Bulb yield (kg/ha) - 43145
	Release Year - 2000
<b>6.</b>	<b>Gujarat Brinjal Long-1 (GBL-1)</b>
	Fruits are purple in colour with good shining.
	Plant height is 60 to 65 cm.
	No. of fruits per plant is 28 to 30
	Fruit weight is 75 to 80 g.
	Tolerant against Little leaf disease.
	Days to first picking - 70 (after T.P.)
	Days to maturity - 145 to 150
	Fruit yield (kg/ha) - 31304
	Release Year - 2001

<b>7.</b>	<b>Gujarat Brinjal Hybrid-2 (GBH-2)</b>
	Fruits are dark purple in colour with good shining.
	Plant height is 55 to 56 cm.
	Fruit weight is 54 to 55 g.
	Tolerant against little leaf disease.
	Days to first picking - 65 to 70 (after T.P.)
	Days to maturity - 150 to 155
	Fruit yield (kg/ha) - 44637
	Release Year - 2001
<b>8.</b>	<b>Gujarat Tomato-1 (GT-1)</b>
	Indeterminate variety
	Fruits are medium in size with red colour.
	Fruit weight is 48 – 50 g.
	No. of fruits per plant is 38 to 40
	T.S.S is 4.70 %.
	Suitable for late Kharif and Rabi season
	Tolerant against little leaf disease
	Days to first picking - 68 to 70 (after T.P.)
	Days to maturity - 170 to 180
	Fruit yield (kg/ha) - 25136
	Release Year - 2002
<b>9.</b>	<b>Gujarat Spongegourd-1(GSG-1)</b>
	The fruits are medium long in size with light green colour with good shining.
	Fruit weight is 147 to 148 g.
	No. of fruits per plant is 12 to 13.
	Fruit length 23 to 24 cm.
	Suitable for Kharif and Summer season
	Days to first picking - 58
	Days to maturity - 109
	Fruit yield (kg/ha) - 13129
	Release Year - 2005

<b>10.</b>	<b>Junagadh Brinjal Green Round-1 (JBGR-1)</b>
	Fruits are medium to big in size.
	Fruits are green in colour with attractive shining.
	No. of fruits per plant is 18 to 19
	Fruit weight is 193 – 195 g.
	Grooves are observed on fruits
	Plants are semi spreading
	Days to first picking - 66 (after T.P.)
	Days to maturity - 169
	Fruit yield (kg/ha) - 40107
	Release Year - 2006
<b>11.</b>	<b>Gujarat Okra-3 (GO-3)</b>
	Variety release at national level for Zone-VII (Semi-Arid Lava Plateau and Central High Lands) & Zone- VIII (Humid to Semi-Arid Western Ghats and Karnataka Plateau)
	Pods are smooth, green, tender and attractive in colour
	Plant height is 130 to 135 cm.
	No. of pods per plant is 18 to 19
	Pod length is 13 to 14 cm.
	Pod Weight 15 to 16 g
	Suitable for Kharif season
	Tolerant against YVMV disease
	Days to first picking - 53 to 55
	Days to maturity- 105 to 110
	Pod yield (kg/ha) - 8668 (Zone-VII) & 12725 (Zone-VIII)
	Release Year - 2007
<b>12.</b>	<b>Gujarat Garlic-4 (GG-4)</b>
	The bulbs are medium in size, compact and white in color.
	Bulb length 4.70cm. while Bulb girth is 11.2 cm.
	No. of average cloves per bulb is 21
	Bulb weight 19.1 g.
	Total Soluble Solids (T.S.S) is 36.12 %.
	Good storage capacity due to compact bulb.
	Days to maturity - 134
	Bulb yield (kg/ha) - 8933
	Release Year - 2007

<b>13.</b>	<b>Junagadh-Tomato-3 (JT-3)</b>
	Determinate variety.
	Fruits are medium in size, flat round shape with red colour.
	Fruit weight is 55 to 56 g.
	No. of fruits per plant is 32 to 33.
	T.S.S is 7.23 %.
	Suitable for late Kharif and Rabi season
	Days to first picking - 80 (after T.P.)
	Days to maturity - 155
	Fruit yield (kg/ha) - 38460
	Release Year - 2008
<b>14.</b>	<b>Gujarat Okra Hybrid -2 (GOH-2)</b>
	Pods are green, tender and attractive.
	Plant height is 155 to 160 cm.
	No. of pods per plant is 24 to 25
	Pod length is 11 to 12 cm
	Pod Weight 14 to 15 g
	Suitable for Kharif season
	Tolerant against YVMV disease
	Days to first picking - 48-50
	Days to maturity - 110 to 120
	Pod yield (kg/ha) - 14836
	Release year : 2009
<b>15.</b>	<b>Gujarat Junagadh Brinjal -2 (GJB-2)</b>
	Fruits are medium in size with medium long shape.
	Fruits are in pink purple colour with good shining.
	Fruit pulp is white with less seeds.
	No. of fruits per plant is 26 to 27
	Fruit weight is 68 to 70 g.
	Plants are medium in size and semi spreading.
	Days to first picking - 60 to 62 (after T.P.)
	Days to maturity - 145 to 150
	Fruit yield (kg/ha) - 34294
	Release Year - 2010

<b>16.</b>	<b>Gujarat Junagadh Okra –3 (GJO-3)</b>
	Pods are green, tender and attractive
	Plant height is 150 to 155 cm.
	No. of pods per plant is 19 to 20
	Pod length is 11 to 12 cm
	Pod Weight 12 to 13 g
	Suitable for Kharif season
	Tolerant against YVMV disease
	Days to first picking - 50 to 52
	Days to maturity - 110 to 120
	Pod yield (kg/ha) - 15050
	Release Year - 2010
<b>17.</b>	<b>Gujarat Junagadh Indian Bean –11 (GJIB-11)</b>
	The pods are medium long in size with green colour
	Pod Length is 13 to 14 cm.
	Pod Width is 1.0 to 1.10 cm.
	Pod weight is 5.0 to 5.50 g.
	Plants are semi spreading
	Day to first picking - 98
	Days maturity - 149
	Pod yield (kg/ha) - 9539
	Release Year - 2011
<b>18.</b>	<b>Gujarat Junagadh Okra Hybird-3 (GJOH-3)</b>
	Pods are dark green, tender and attractive.
	Plant height is 122 to 125 cm.
	No. of pods per plant is 18 to 20
	Pod length is 11 to 12 cm while Pod Weight 14 to 15 g
	Suitable for Kharif season
	Tolerant against YVMV disease
	Day to first picking - 48 to 50
	Days to maturity - 100 to 110
	Fruit yield (kg/ha) - 13744
	Release Year - 2011

<b>19.</b>	<b>Gujarat Junagadh Brinjal – 3 (GJB-3)</b>
	Fruits are medium to big in size with oval shape.
	Fruits are green in colour with good shine and smooth surface.
	Fruit pulp is creamy white with less seeds.
	No. of fruits per plant is 16 to 18
	Fruit weight is 125 – 130 g.
	Plants are medium in size and semi spreading.
	Days to first picking - 76 (after T.P.)
	Days to maturity - 160
	Fruit yield (kg/ha) - 39388
	Release Year - 2012
<b>20.</b>	<b>Gujarat Junagadh Indian bean – 2 (GJIB-2)</b>
	The pods are flat and medium long in size with green colour
	Plant Height is 75 to 80 cm.
	Pod Length is 8 to 9 cm. and Pod Width is 2 cm.
	No. of Pods per plant is 220 to 230
	Pod weight is 5 to 6 g.
	Plants are semi spreading
	Days to first picking - 91
	Days to maturity - 156
	Fruit yield (kg/ha) - 11246
	Release Year - 2012
<b>21.</b>	<b>Gujarat Junagadh Ridge Guard Hybrid-1 (GJRGH-1)</b>
	Fruits are long in size with green colour
	Fruit Length is 34 to 35 cm.
	Fruit Girth is 12 to 13cm.
	No. of fruits per plant is 17 to 18
	Fruit weight is 120 g.
	Days to first picking - 59
	Days to maturity - 110
	Fruit yield (kg/ha) - 11330
	Release Year - 2012

<b>22.</b>	<b>Gujarat Junagadh Garlic-5 (GJG-5)</b>
	The bulbs are medium in size, compact and white in color.
	Bulb Polar Diameter (Height) is 2.87 cm.
	Bulb Equator Diameter is (Girth) 3.18 cm.
	No. of average cloves per bulb is 18
	Bulb weight 14 g.
	Good storage capacity due to Compact bulb.
	Total Soluble Solids (T.S.S) is 37.50. %.
	Leaves are narrow with light green colour
	Days to maturity - 127
	Bulb yield (kg/ha) - 7942
	Release Year - 2014
<b>23.</b>	<b>Gujarat Junagadh Long Brinjal– 4 (GJLB-4)</b>
	Fruit pulp is white with less seeds.
	Fruits are light purple in colour with good shining.
	No. of fruits per plant is 20 to 21
	Fruit weight is 100 – 105 g.
	Plants are medium in size and semi spreading.
	Days to first picking - 67 (after T.P.)
	Days to maturity - 159
	Fruit yield (kg/ha) - 39603
	Release Year - 2015
<b>24.</b>	<b>Gujarat Junagadh Brinjal Hybrid- 4 (GJBH-4)</b>
	Fruit pulp is white with less seeds.
	Fruits are pink purple in colour with good shining.
	No. of fruits per plant is 28 to 30
	Fruit weight is 75 – 80 g.
	Plants are medium in size and Erect.
	Days to first picking - 64 (after T.P.)
	Days to maturity - 153
	Fruit yield (kg/ha) - 42801
	Release Year - 2015

<b>25.</b>	<b>Gujarat Junagadh Okra Hybrid – 4 (GJOH-4)</b>
	Pods are Medium dark green, tender, long and attractive.
	Plant height is 110 to 115 cm.
	No. of pods per plant is 20 to 22
	Pod length is 12 to 13 cm
	Pod Weight 12 to 13 g
	Suitable for Kharif season
	Tolerant against YVMV disease
	Day to First picking - 50 to 55
	Maturity Days - 105 to 110
	Fruit yield (kg/ha)- 14574
	Release Year - 2015
<b>26.</b>	<b>Gujarat Junagadh Sponge gourd-2 (GJSG-2)</b>
	The fruits are long and cylindrical, green in colour with good shining.
	Fruit weight is 160 to 165g.
	No. of fruits per plant is 13 to 15.
	Fruit length 27 to 28 cm.
	Suitable for Kharif and Summer season
	Days to first picking - 55
	Days to maturity - 98
	Fruit yield (kg/ha) - 11404
	Release Year - 2015
<b>27.</b>	<b>Gujarat Junagadh Red Onion-11 (GJRO-11)</b>
	The bulbs are medium with flat globe shape and red in colour.
	Bulb Polar Diameter (Height) is 4.02 cm.
	Bulb Equator Diameter (Girth) is 5.36 cm.
	Bulb weight 60 to 62 g.
	Total Soluble Solids (T.S.S) is 12.94 %.
	Days to maturity - 127 to130
	Bulb yield (kg/ha) - 32355
	Release Year - 2015

<b>28.</b>	<b>Gujarat Junagadh White Onion-3 (GJWO-3)</b>
	The bulbs are medium in size with flat globe shape and white in colour
	Bulb Polar Diameter is 4.23 cm.
	Bulb Equator Diameter is 5.16 cm.
	Bulb weight 65 to 70 g.
	Total Soluble Solids (T.S.S) is 13.15 %.
	Days to maturity - 127 to130
	Bulb yield (kg/ha) - 39806
	Release Year - 2016
<b>29.</b>	<b>Gujarat Round Brinjal-5 (GRB-5)</b>
	Fruits are medium in size, round green with purple shadow strips.
	Plant height is 70 to 75 cm.
	No. of fruits per plant is 32 to 35
	Fruit length is 10 to 12 cm
	Fruit Weight 18-20 g
	Suitable for late Kharif-Rabi season
	Tolerant against little leaf disease
	Days to first picking - 64-66
	Days to maturity - 160 to 165
	Pod yield (kg/ha) - 39504
	Release Year - 2018
<b>30.</b>	<b>Gujarat Tomato -6 (GT-6)</b>
	Fruits are medium in size, flat round in shape with groove and attractive red colour
	Plant height is 63 to 65 cm.
	No. of fruits per plant is 50 to 52
	Fruit length is 4.0 to 4.5 cm
	Fruit Weight 60 to 62 g
	Suitable for late Kharif and Rabi seasons
	Tolerant against leaf curl disease
	Days to first picking - 98-100
	Days to maturity - 140 to 143
	Pod yield (kg/ha) – 31,605
	Release Year - 2018

<b>31.</b>	<b>Gujarat Okra -6 (GO-6)</b>
	Fruits are smooth, tender, dark green in colour and attractive with green base
	Plant height is 110 to 113 cm.
	No. of fruits per plant is 14 to 15
	Fruit length is 12 to 13 cm
	Fruit Weight 14 to 15 g
	Suitable for Kharif season
	Tolerant against fruit borer, jassids and white fly
	Days to first picking - 48-50
	Days to maturity - 100 to 105
	Pod yield (kg/ha) – 12,577
	Release Year - 2018
<b>32.</b>	<b>Gujarat Ridge Gourd -2 (GRG-2)</b>
	Fruits are long in size with attractive green colour
	Fruit length is 32 to 33 cm
	Fruit girth is 11 to 12 cm
	No. of fruits per plant is 16 to 18
	Fruit weight is 128.15 g
	Days to first picking - 58
	Days to maturity - 99
	Fruit yield (q/ha) – 105.70
	Release Year - 2019
<b>33.</b>	<b>Gujarat Round Brinjal-7 (GRB-7)</b>
	Fruits are medium in size and round in shape along with cluster bearing
	Plant height is 60 to 65 cm
	No. of fruits per plant is 47 to 50
	Fruit length is 10 to 12 cm
	Fruit Weight 65-70 g
	Suitable for late kharif-rabi season
	It showed less fruit and shoot borer damage (%), jassids and aphids than check varieties
	It exhibited good level of resistance against little leaf disease
	Days to first picking - 70-73
	Days to maturity - 170 to 175
	Fruit yield (kg/ha) – 4,0073
	Release Year - 2020

<b>34</b>	<b>Gujarat Indian bean-3 (GIB-3)</b>
	The pods are medium long in size with whitish green colour
	Plant Height is 47 to 63 cm.
	Pod Length is 3.71 to 6.60 cm. and Pod Width is 0.35 to 6.17 cm.
	No. of Pods per plant is 205 to 330
	Pod weight is 2.25 to 4.28 g.
	Plants are semi spreading
	Days to first picking - 85
	Days to maturity - 151
	Fruit yield (kg/ha) - 225.24
	Release Year - 2022
<b>35</b>	<b>Gujarat Garlic-8 (GG-8)</b>
	The bulbs are medium in size, compact and creamy white in color
	Bulb Polar Diameter (Height) is 2.47 cm.
	Bulb Equator Diameter is (Girth) 3.18 cm.
	No. of average cloves per bulb is 15.11
	Bulb weight 11.92 g.
	Good storage capacity due to Compact bulb.
	Total Soluble Solids (T.S.S) is 40.36 %.
	Leaves are dark green colour with medium width.
	Days to maturity - 121
	Bulb yield (kg/ha) - 8726
	Release Year - 2023
<b>36</b>	<b>Gujarat Coriander-4 (GCr-4)</b>
	Days to maturity: 90.33 to 103
	1000-seed weight : 16.76 g
	Volatile oil : 4.86%
	Seed yield : 2083 kg/ha
	Early and synchronous maturity habit of the plant
	Release Year - 2023

<b>37</b>	<b>Gujarat Long Brinjal-11 (GLB-11)</b>
	Fruits are medium in size with medium long
	Plant are tall with erect type habit
	Fruits are pinkish in colour with extra long calyx and good shining
	No. of fruits per plant is 28 to 40
	Fruit length is 11.18 to 19.61 cm
	Fruit Weight 64.70 to 112.33 g
	Resistance against little leaf disease and white fly
	Days to first picking - 61-62
	Days to maturity - 110 to 165
	Fruit yield (kg/ha) – 44019
	Release Year - 2025
<b>38</b>	<b>Gujarat Bottle gourd-2</b>
	Fruits are light greenish attractive colour with slightly curved shape
	Moderately resistance to moderately susceptible to Mosaic disease
	Fruit Length is 14.10 to 24.40 cm.
	Fruit Girth is 7.75 to 14.60 cm.
	No. of fruits per plant is 5.10 to 9.85
	Fruit weight is 575 g.
	Days to first picking - 59
	Days to maturity - 120
	Fruit yield (kg/ha) - 26119
	Release Year - 2025

