

LIFE SCIENCES



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EFFICACY OF BIO-AVAILABLE SILICA ON THE TOMATO

Conducted at,
Main Vegetable Research Station,
Anand Agricultural University, Anand
Gujarat

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Foliar effect of Silixol on Tomato

Treatments	Plant height (cm)	Fruit Weight (g)	Fruit Volume (cm ³)	Fruits / plant	Fruit yield (q/ha)
Control	81.28	58.77	44	22.5	200.29
Silixol @ 2.0 Litre / ha	112.9	79.63	70.67	35.83	263.12

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Foliar effect of Silixol on Tomato

Treatments	Fruit borer (%)	Leaf Curl (%)
Control	13.33 (21.40)	35.42 (36.50)
Silixol @ 2.0 Litre / ha	4.30 (11.71)	25.00 (29.88)

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Foliar effect of Silixol on Tomato

Treatments	Ascorbic acid (mg/ 100 g)	Lycopene (mg/100g)
Control	5.77	18.78
Silixol @ 2.0 Litre / ha	6.83	26.27

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Application of Silixol on Tomato resulted into more than 31% yield improvement with better quality & lower insect & disease damage

 THANK YOU

For more details, contact us

PRIVI Life Sciences
Privi House,
A-71, TTC, Thane Belapur Road,
Opp. Kopar Khairane Stn., Navi Mumbai

Call us - 6602 3500/ 3600
Write to us - agrocare@privi.co.in

Visit us at www.privilifesciences.com