

LIFE SCIENCES



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EFFICACY OF BIO-AVAILABLE SILICA ON THE CHILLI

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

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Effect of Silixol on Chilli

Treatments	Plant height (cm)	Fruit Length (cm)	Fruit Girth (cm)	Fruit Weight (g)	Fruits / plant	Green Fruit Yield (q/ha)
Control	71.45	8.97	2.79	2.78	30.19	101.85
Silixol @ 2.0 Litre / ha	82.1	10.49	3.31	3.8	48.21	122.69

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Effect of Silixol on Chilli

Treatments	Leaf Curl (%)	Thrips / plant
Control	53.33 (47.20)	12.10 (3.47)
Silixol @ 2.0 Litre / ha	32.00 (37.74)	4.90 (2.20)

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Effect of Silixol on Chilli

Treatments	Moisture (%)	Capsaicin (%)	Ascorbic Acid (mg/100g)	Chlorophyll (mg/g)			
				Chl. A	Chl. B	Total chl.	Chl. A/B ratio
Control	87.28	17.57	3.02	0.283	0.462	0.745	0.614
Silixol @ 2.0 Litre / ha	89.48	20.56	4.427	0.462	0.656	1.085	0.778

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Application of Silixol resulted in to more than 20 % yield improvement in chilli along with quality increment & reduction in insect & disease damage.

 **THANK YOU**

For more details, contact us

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