

Table 1 : Efficacy of α endosulfan 35 % EC against brinjal shoot & fruit borer, *Leucinodes orbonalis*

T. No.	Treatments	Dosage (ml/lit)	% shoot damage (3 DAA)	% fruit damage (3 DAA)	Fruit Yield (t/ha)
T ₁	α endosulfan 35 % EC	2.0	26.97 ^b (31.29)	22.92 ^b (28.59)	33.48 ^b
T ₂	α endosulfan 35 % EC	3.0	24.00 ^a (28.27)	22.90 ^b (28.51)	34.23 ^b
T ₃	α endosulfan 35 % EC	4.0	23.45 ^a (28.96)	20.76 ^b (27.08)	34.32 ^b
T ₄	α endosulfan 35 % EC	6.0	23.38 ^a (28.91)	19.34 ^b (26.01)	35.34 ^b
T ₅	α endosulfan 35 % EC	8.0	22.45 ^a (26.90)	17.88 ^a (24.89)	41.32 ^a
T ₆	Monocrotophos 36 SL	2.0	26.26 ^a (30.82)	21.95 ^b (27.93)	35.87 ^b
T ₇	Endosulfan 35 EC	3.0	24.45 ^a (29.64)	19.96 ^b (26.51)	34.95 ^b
T ₈	Fenvalerate 20 EC	2.0	23.26 ^a (28.90)	16.05 ^a (23.62)	40.16 ^a
T ₉	Untreated control	--	42.23 ^c (40.53)	40.89 ^c (39.75)	24.48 ^c
		CV (%)	4.97	7.54	4.02
		S Em ($\pm$)	0.87	1.22	0.80
		CD (5%)	2.62	3.67	2.39

Figures in the parentheses are angular transformed values

DAA : Days after application.

ml/lit and monocrotophos 36 SL @ 2.0 ml./lit. There are no supporting evidence available to substantiate the present findings. However, owing to the more residues of commercial endosulfan 35 % EC, its bad effects experience in the ecosystem, the new molecule α endosulfan 35 % EC can be encouraged for use against fruit borers. But the data on residual toxicity, safety etc are needed to be studied.

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