Management of Early Season Sucking Pests Through Stem Application Technique on Cotton

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ABSTRACT

A field study was conducted at Regional Agricultural Research Station, Lam for the management of early season sucking pests through stem application technique on cotton during 2012-13 and the test variety was L-761. Among the different insecticides tested, imidacloprid 1:10 was effective on aphids with higher per cent reduction of population over control at three days after application. Monocrotophos 1:4 was effective in managing leafhoppers population. With reference to thrips and whiteflies maximum reduction was recorded in monocrotophos 1:2 treated plot. Monocrotophos 1:4 with stem application technique recorded highest plant height, more leaf width and leaf length compared to other treatments. Highest yield was recorded in monocrotophos 1:4 and which was on par with acephate 1:4 (14.27 q/ha), monocrotophos 1:3 (13.77 q/ha), imidacloprid 1:10 (12.81 q/ha), monocrotophos 1:2 (12.50 q/ha) and imidacloprid 1:15 (12.10 q/ha).

Key words : Stem application technique, Sucking pests.