



RECOMMENDATIONS (2017) :

1	Bio-efficacy of different insecticides against major lepidopteran pests of soybean [PP/Agri. Wing (Ento.), Jabugam/2014/01]	Recommendation for farming community: Farmers of middle Gujarat growing soybean are advised to apply two sprays (first at initiation of pest and second at 15 days after first spray) of chlorantraniliprole 18.5 SC, 0.006 % (3 ml/10 litre of water, 30 g.a.i./ha) or indoxacarb 15.8 EC, 0.0079 % (5 ml/ 10 litre of water, 39.5 g.a.i./ha) alternatively for effective control of lepidopteran pests viz; <i>Spilosoma obliqua</i> (Walker) and <i>Spodoptera litura</i> Fab.
		<ul style="list-style-type: none">• મધ્ય ગુજરાતના સોયાબીન ઉગાડતા ખેડૂતોને કાતરા અને પાન ખાનારી ઇયળના અસરકારક નિયંત્રણ માટે ક્લોરાન્ટ્રાનીલીપ્રોલ ૧૮.૫ એસસી, ૦.૦૦૬%, ૩૦ ગ્રામ સ.ત./હે., ૩ મિ.લિ./૧૦ લિટર પાણી અથવા ઇન્ડોક્ષાકાર્બ ૧૫.૮ એસસી ૦.૦૦૭૯ %, ૩૯.૫ ગ્રામ સ.ત./હે., ૫ મિ.લિ./૧૦ લિટર પાણીના વારાફરતી બે છંટકાવ કરવાની ભલામણ કરવામાં આવે છે, જેમાં પ્રથમ છંટકાવ જીવાતના ઉપદ્રવની શરૂઆત થાય ત્યારે અને બીજો છંટકાવ પ્રથમ છંટકાવના ૧૫ દિવસ બાદ કરવો.
		Recommendation for scientific community: <ul style="list-style-type: none">• Two sprays, first at initiation of pest and second at 15 days after first spray of flubendani de 0.0145 per cent (3 ml/10 litre of water) or enanectin benzoate 0.0025 per cent (5 g/10 litre of water) found effective against lepidopteran pests viz; <i>Spilosoma obliqua</i>

		(Walker) and <i>Spodoptera litura</i> Fab. infesting soybean.
		
Damage caused by <i>S. obliqua</i>	Damage caused by <i>S. litura</i>	



General field view

RECOMMENDATIONS (2019) :

1	Bio-efficacy of different insecticides against serpentine leaf miner, <i>Liriomyza trifolii</i> (Burgess) on water melon. (Exp. Code No. PP/Agri. Wing (Ento.), Jabugam/2016/01)	<p>Recommendation for farming community:</p> <p>Farmers of middle Gujarat (Agro climatic zone –III) growing water melon are advised to spray cyantraniliprole 10 OD, 0.01 % (10 ml /10 litre of water) at 40 days after sowing and second spray at 15 days for effective management of serpentine leaf miner, <i>Lirimyza trifolii</i>. Interval between last spray and harvest should be minimum 5 days.</p>
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2	Bio-efficacy of different insecticides against serpentine leaf miner, <i>Liriomyza trifolii</i> (Burgess) on water melon. (Exp. Code No. PP/Agri. Wing (Ento.), Jabugam/2016/01)	<p>Recommendation for scientific community:</p> <p>Two sprays, first at 40 days after sowing and second at 15 days after first spray of deltamethrin 2.8 EC, 0.0028% (10 ml/10 litre of water) or flonicamid 50 WG, 0.015% (3 g/10 litre of water) found effective against serpentine leaf miner, <i>Liriomyza trifolii</i> infesting water melon.</p>
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General field view



Damage by leaf miner

RECOMMENDATIONS (2021) :

1	<p>Management of melon fruit fly, <i>Bactrocera cucurbitae</i> Coquillett infesting cucumber in river-bed area of Orsang</p>	<p>Recommendation for scientific community:</p> <p>Field sanitation at weekly interval + Installation of cue lure traps @16/ha at flowering stage of crop + Application of bait prepared from black jaggery (5 %) at five meter distance + Spinosad 0.004 % @ 8 lit./ha at weekly interval starting from fruit setting (four sprays)] was found effective against melon fruit fly, <i>Bactrocera cucurbitae</i> infesting cucumber grown in river-bed area.</p>
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General field view



Damage caused by fruit fly

RECOMMENDATIONS (2023) :

1	<p>Bio-efficacy of different insecticides against thrips, <i>Caliothrips indicus</i> Bagnall on pea</p>	<p>Recommendation for scientific community: Application of two sprays of imidacloprid 40 % + fipronil 40 % 80 WG 350 g. a. i. /ha (8.75 g /10 lit of water) and spinosad 45 SC 73 g. a. i. /ha (3.25 ml/10 lit of water), first at initiation of pest and second at 10 days after first spray found effective for management of thrips, <i>Caliothrips indicus</i> on pea.</p>
	<p>AAU code number along with Sr. No. of Combined AGRESCO</p>	<p>16.3.3.29</p>



General field view



Damage caused by thrips