



UNIVERSITY OF  
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ENY-466

EXTENSION

Institute of Food and Agricultural Sciences

## Insect Management for Okra<sup>1</sup>

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**Table 1.** Selected insecticides approved for use on insects attacking okra.

Chemical Name	REI (hours)	Days to Harvest	Insects	Notes
<b>Azatin XL Plus</b> (azadirachtin)	4	0	aphids (suppression), armyworms, beetles, caterpillars, cutworms, leafhoppers, leafminers, loopers, thrips, whiteflies	Use with oil for leafminers. Insect growth regulator and feeding deterrent.
<b>Bt</b> ( <i>Bacillus thuringiensis</i> )	4 (most)	0	armyworms, corn earworm, velvetbean caterpillar	
<b>Extinguish</b> ((S)-methoprene)	4	0	fire ants	Slow-acting IGR (insect growth regulator). Best applied early spring and fall where crop will be grown. Colonies will be reduced after three weeks and eliminated after 8 to 10 weeks. This is the only fire ant bait that is labeled for use on cropland. May be applied by ground equipment or aerially.
<b>JMS Stylet-Oil</b> (oil, insecticidal)	4	0	leafminers, mites, whiteflies	See label for tank mix cautions.
<b>Malathion 5 EC; 8 EC; 57 EC</b> (malathion)	12	1	aphids	

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**Table 1.** Selected insecticides approved for use on insects attacking okra.

Chemical Name	REI (hours)	Days to Harvest	Insects	Notes
<b>Pyrellin EC</b> (pyrethrin + rotenone)	12	12 hours	aphids, leafhoppers, leafminers, loopers, <i>Lygus</i> bugs, plant bugs, mites, thrips, whiteflies	
<b>Sevin XLR, 4F</b> (carbaryl)	12	3	corn earworm, stink bugs	
<b>SpinTor</b> (spinosad)	4	1	armyworms, flower thrips, hornworms, leafminers, <i>Liriomyza</i> spp., <i>Thrips palmi</i> , tomato fruitworm	For resistance management, do not use more than 3 times in any 21-day period, then rotate to a different class of products or no insecticide for 21 days.
<b>*Telone C-35</b> (dichloropropene + chloropicrin)	5 days - See label	preplant	symphylans, wireworms	See supplemental label for use restrictions in south and central Florida.
The pesticide information presented in this table was current with federal and state regulations at the time of revision. The user is responsible for determining the intended use is consistent with the label of the product being used. Use pesticides safely. Read and follow label instructions.				
* Restricted Use Only.				