



# Soil and Foliar Insect Control Tobacco



*Capture® LFR™ is compatible with water and liquid fertilizers for at plant and foliar applications. Enhance plant stands, reduce stress, and maximize yields in tobacco.*

PRODUCT ATTRIBUTES	BENEFITS
Pyrethroid	Alternate class of chemistry to help prevent resistance issues with older classes. Economic option for insect control.
Broad Spectrum Insect Control	Long residual activity both in the soil and above ground with foliar sprays. May require less apps/trips depending on pest pressure.
Product Flexibility and New Formulation	Mixes well with water or fertilizer; can be used with all tillage systems. Flexible, use with starter water or broadcast incorporate

## Planting Time Use

**Tobacco: Flexible Use**  
 Transplant water – 4.0 to 6.8 oz of product/acre or  
 Broadcast incorporated – 5.12 to 6.8 oz of product/acre  
 (incorporate to a depth of 4 inches)



Wireworm



White Grub



Cutworm

## Foliar Use

**Tobacco: Apply 4.0 to 8.5 fl oz/acre when pests first appear**

- Do not apply more than 0.2 lb ai/A per season including planting and foliar applications.
- Do not apply later than layby.
- Do not make more than 2 foliar apps per season.



Flea Beetle



Hornworm



Budworm

## Controls

### Soil Insects

- Cutworms
- Flea Beetle Larva
- Grubs
- Wireworms
- Mole Crickets
- Armyworm
- Stalkborer

### Foliar Insects

- Aphids\*
- Armyworms
- Chinch Bugs
- Cutworms
- Flea Beetle Adults
- Grasshoppers
- Green Bugs
- Japanese Beetles
- Stink Bugs
- Tarnished Plant Bug
- Thrips
- Tobacco Budworm\*
- Tobacco Hornworm\*
- Whiteflies
- Spider Mites
- Lygus Species

See label for use rates  
 \*See label for resistance statements



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## At-Plant Tobacco Wireworm Study North Carolina State University – 2008 (Data Courtesy Dr. H. Burrack )



## Foliar Tobacco Insect Control Study University of Georgia – 2008 (Data Courtesy Drs. R. McPherson and J.M. Moore)

Treatment (Rate/Acre & Application Method)	Thrips/ 4 Plants 7 DAT	#Bud Worms/Plot (45 Plants/ plot)	# Aphids/ 4 Plants 7 DAT	Worm Feeding Damage Rating (0 = no damage; 5 = all leaves damaged )	Aphid Feeding Damage Rating (0 = no aphids; 5 = plants covered with aphids and sooty mold observed)	Marketable yield /plot (lbs/A)
Untreated Control	70.3	3	62.0	1.13	3.5	2535
Capture LFR (6.8 fl oz/A Foliar)	9.5	2.3	3.5	0.25	0.5	3004
Orthene® (0.75 lbs/A Foliar)	37.5	3.3	35.3	0.80	0.25	2451
Tracer® (2 oz/A Foliar)	39.3	2	382	0.53	3.5	2629

## Foliar Tobacco Hornworm & Budworm Control Study University of Kentucky – 2007 (Data courtesy UKREC, Princeton, KY)

Treatment (Rate/Acre & Application Method)	# Damaged Plants/ Plot 7 days after 2 <sup>nd</sup> application	# Damaged Plants / Plot Pre-Harvest	Trash (lbs/A)	Lug (lbs/A)	Second Leaf (lbs/A)	Leaf (lbs/A)	Total Yield (lbs/A)
Capture LFR 7 oz/A fb 7 oz/A	0.75	1.25	98	686	648	1553	2985
Orthene 97 0.77 lbs/A fb Tracer 4SC 2 oz/A	0.75	3.25	81	564	699	1528	2873

Always read and follow label directions.

Capture LFR, Orthene and Tracer are restricted use pesticides.

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