



Foliar Tobacco Insecticide



The Dual-Action Tobacco Insecticide

Brigadier® insecticide is a complete broad spectrum insecticide designed for unsurpassed control of tobacco insect pests. Brigadier has convenience of dual modes of action for better efficacy and longer-lasting control.

Features and Benefits

Two Modes of Action	Resistance management product, broad spectrum
Dual Routes of Control	Contact activity and systemic activity, allows flexible applications
Excellent Residual Activity	Prolonged crop protection against sucking and chewing insects
Translaminar Mobility	Complete, longer protection of tobacco from planting to harvest
Flexible Application Methods	Ground, aerial, or chemigation
Proven Chemistry	Years of performance by both active ingredients
SC Formulation	Mixes easily; tank mixes with fungicides, herbicides, and foliar fertilizers

Tobacco: Foliar Use Broadcast – 3.8 to 6.4 oz of product/acre applied broadcast or over the row. Studies show that Brigadier controls these foliar insect pests of tobacco. (Below) Armyworms, Hornworms, Aphids, Grasshoppers and others.



Application Guidelines

Application Interval: Do not make application less than 7 days apart. Do not apply after layby

Maximum Amount per Application: Do not apply more than 0.1 lbs ai/A of Brigadier per foliar application

Maximum Amount per Season: Do not apply more than 0.4 lbs ai/A of Brigadier as a foliar insecticide



Foliar Tobacco Insecticide



The Dual-Action Tobacco Insecticide

Brigadier® insecticide offers two unique modes of action, a sodium channel modulator plus a nicotinic receptor inhibitor. These modes of action make Brigadier one of the most effective broad spectrum residual insecticides for tobacco producers.

Evaluation of Brigadier and Capture® LFR™ in Dark Tobacco – 2008 Highland Rim Research and Extension Center – University of Tennessee (Data Courtesy Dr. Andy Bailey)

Treatment	% Worm Damage	Total Yield/Plot (lbs/A)	Quality Grade Index (0-100)
Untreated Control	6.4	3552	60.5
Brigadier 5.12 oz/A (Foliar Application)	1.0	3716	61.2
Capture LFR 4 oz/A (Transplant Water) fb Brigadier 6.4 oz/A (Foliar Application)	0.9	3814	71.4

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	1.13	3.5	2535
Brigadier (6.8 fl oz/A Foliar)	15.8	1.8	0.0	0.23	0.75	2623
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

Always read and follow label directions. Brigadier, Capture LFR, Orthene and Tracer are restricted use pesticides. FMC, Brigadier, Capture and LFR are trademarks of FMC Corporation. Tracer is a trademark of Dow AgroSciences LLC; Orthene is a trademark of OMS Investments, Inc. © 2009 FMC Corporation.
LC-01-01SR-0309 1-888-59-FMC-AG • FMCcrop.com

