



## FIFRA 2(ee) Recommendation

EPA Reg. No. 71512-9-279

**FOR DISTRIBUTION AND USE IN ALL  
REGISTERED STATES  
(EXCEPT TEXAS)**

**THIS RECOMMENDATION, WHICH CONTAINS  
ADDITIONAL DIRECTIONS FOR USE, IS MADE  
AS PERMITTED UNDER FIFRA SECTION 2(ee)  
AND HAS NOT BEEN SUBMITTED TO OR  
APPROVED BY THE US EPA.**

**This recommendation for CARBINE®50WG insecticide is valid until December 31, 2030,  
or until withdrawn, canceled or suspended.**

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS  
LABELING. ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA REGISTERED  
LABEL MUST BE FOLLOWED.**

**THESE USE DIRECTIONS MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF  
PESTICIDE APPLICATION.**

### FOR MANAGEMENT OF TWO-SPOT COTTON LEAFHOPPER IN COTTON

CROP	APPLICATION METHOD	TARGET PEST	RATE	PHI (Days)	REI (Hours)
Cotton	Foliar	Two-Spot Cotton Leafhopper ( <i>Amrasca biguttula</i> )	1.7 – 2.8 oz./A (0.053 – 0.088 lb. ai/A)	30	12

#### USE DIRECTIONS

- Begin applications before populations begin to build or at economic thresholds according to local economic guidelines.
- The low rate can be used early season for low pest densities or when tank mixing with other products labeled for target insect control on cotton.
- Use the high rate for large pest populations, dense foliage, and longer residual.
- Rapidly growing cotton may need retreatment. Scout fields often and retreat as necessary to maintain pest populations below damaging levels.

#### SPRAY RECOMMENDATIONS

- Thorough spray coverage of plant foliage is essential for optimum control. Use a minimum of 5 gallons per acre by ground and 3 gallons per acre by air. Finished spray volumes should be increased under extreme pest populations or dense plant foliage.

#### USE RESTRICTIONS

- Do not apply more than 2.8 oz./acre of CARBINE 50WG Insecticide (0.088 lb. ai/acre) per application.
- Do not apply more than 8.4 oz./acre of CARBINE 50WG Insecticide (0.263 lb. ai/acre) per year.
- Do not apply more than 3 applications of CARBINE 50WG Insecticide per year.
- Allow a minimum of 7 days between applications.



FMC Corporation  
2929 Walnut St.  
Philadelphia, PA 19104

## IMPORTANT NOTICE

**BEFORE BUYING OR USING FMC PRODUCT(S) COVERED BY THIS BULLETIN, READ THIS BULLETIN, AND THE LABELS FOR ALL PRODUCTS REFERENCED IN THIS BULLETIN, IN THEIR ENTIRETY, AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS.**

It is a violation of Federal law to use this or any other pesticide product in a manner inconsistent with its labeling.

This Bulletin contains supplemental instructions for use of the referenced FMC product. Follow these instructions carefully.

This Bulletin must be in the possession of the User at the time of application. **Read the Limitation of Warranty and**

**Liability on the Section 3 Federal product label before buying or using the FMC product(s) covered by this Bulletin.**

**FMC will not be responsible for losses or damages resulting from use of this product in any manner not specifically stated by FMC on the Section 3 label, or other labels, or this Bulletin. User assumes all risks associated with any such nonspecified use. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded. Otherwise, use by Buyer or any other User constitutes acceptance of the terms of the Limitation of Warranty and Liability of the Section 3 Federal product label.**

R-4986 082725 08-27-25



FMC Corporation  
2929 Walnut St.  
Philadelphia, PA 19104

FMC and the FMC logo are trademarks of FMC Corporation or an affiliate.  
Carbine is a trademark of Ishihara Sangyo Kaisha, Ltd.  
©2025 FMC Corporation