

FORTRESS® 5G

CORN

FORTRESS 5G— Convenience and Performance for Top Yields



Corn growers know that the road to top yields starts at planting. That means protecting the crop from damaging soil insects that can destroy roots, weaken plants, increase lodging and reduce harvestable grain yields. Corn rootworm dynamics and other challenging insect problems are making it harder for growers to manage insects using crop rotation and other cultural practices that worked in the past.

Using a proven corn soil insecticide that consistently provides a high level of insect control is the first step to achieving top corn yields. That's where FORTRESS® 5G Insecticide applied through the SmartBox® System fits. It's the insecticide and application system that offers the level of crop protection and value needed to add to the bottom line.

The SmartBox System



The most innovative closed handling and application system available, the SmartBox System offers more than just a safer, more accurate method of applying corn soil insecticides. It provides complete record-keeping and precision application information for the user. The SmartBox System monitors ground speed during planting to constantly adjust application flow, resulting in more accurate product application and greater insect control.

For more information on the SmartBox System and products specifically formulated for the SmartBox, please call 1-888 GO AMVAC (1-888-462-6822) or visit www.amvac-chemical.com or www.smartboxsystem.com.

Advantages

Consistent Control

In university trials across the Midwest, FORTRESS 5G applied through the SmartBox System provides consistent control of major corn soil insects under a wide variety of soil, weather and tillage conditions.

No Rain Required

FORTRESS 5G is not dependent on rainfall for activation, and has a high level of vapor action against soil insects.

Advanced Application System

The SmartBox System has become the closed application method of choice among top corn growers. The SmartBox combines precision application and increased planting efficiency with quicker and fewer product refills.

Trusted Value

No other corn soil insecticide provides greater control for your dollar. More acres planted per load, more consistent insect control and improved stands all add up to greater return on your investment.

Easy Handling

The SmartBox System eliminates the need to open and pour bags and reduces the risk of skin contact and inhalation. There are no bags to dispose of – just return the empty containers when empty.

Agronomic Flexibility

FORTRESS 5G is an effective alternative to other classes of soil insecticides in a product rotation strategy for corn root worm management. In addition, post-emergent herbicide options are not restricted following an application of FORTRESS 5G.

Environmental Respect

The active ingredient in FORTRESS 5G does not pose unusual risk to birds, aquatic animals or other wildlife when used as directed.

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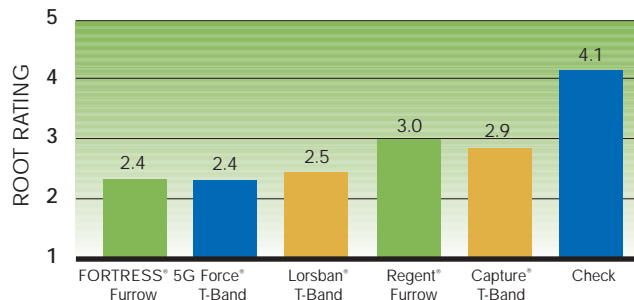
Insects Controlled by FORTRESS 5G

Wireworm
Cutworm
White Grub
Seedcorn Maggot
Symphylans
Corn Rootworm
Northern
Western
Southern

FORTRESS 5G Labeled Crops

Field Corn
Sweet Corn
Seed Corn
Popcorn

Consistent Performance



Summary of 20 university insecticide evaluations of corn rootworm conducted in IA, IL, IN, KY, NE, OH and SD during 2002. The lowa 1 to 6 rooting scale was used or data were converted from the 0 to 3 node-injury scale. FORTRESS 5G rate is 4 lb. per acre on 30" row spacing.

FORTRESS 5G Use Rates

Recommended rates vary due to row spacing and pest pressure. To determine the approximate amount of FORTRESS 5G needed per acre, select the use rate per 1,000 row feet and the row spacing.

- For cutworms, wireworms, white grubs, seedcorn maggots and symphylans, apply FORTRESS 5G at a rate of 3.0 to 3.7 ounces per 1,000 feet of row.
- For corn rootworms, FORTRESS 5G may be applied at a rate of 3.0 to 4.5 ounces per 1,000 feet of row. Increase the rate to control higher populations.
- FORTRESS 5G should be applied in-furrow at planting using the SmartBox System. Be sure that the SmartBox meters are properly calibrated to apply the product accurately. Please refer to the SmartBox equipment operator's manual for information on system operation and calibration.

Amount of FORTRESS 5G Per 1,000 feet of row	Pounds of FORTRESS 5G Needed Per Acre at Various Row Spacings						
	20"	30"	32"	34"	36"	38"	40"
3.0 oz.	4.9	3.3	3.1	2.9	2.8	2.8	2.5
3.7 oz.	6.0	4.0	3.8	3.6	3.4	3.2	3.0
4.5 oz.	7.3	4.9	4.6	4.3	4.3	4.1	3.7

Fortress® 5G

Always read and follow all label directions. For more information about FORTRESS 5G contact your local agricultural chemical retailer, call 1-888 GO AMVAC (462-6822) or visit www.amvac-chemical.com.

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