

FORCE® 3G SMARTBOX®

CORN

FORCE 3G and SmartBox— The Technology Team for Effective Corn Soil Insect Control



Corn growers can apply FORCE® 3G through the SmartBox® System, due to an agreement between AMVAC Chemical Corporation and Syngenta Crop Protection. This combination of effective low use-rate chemistry and precision insecticide application at planting provides a high level of control of damaging corn soil insects, including corn rootworm, cutworm, white grub and wireworm.

Growing high corn yields today can be more challenging than ever, due to changing insect pressures, crop rotation practices, hybrid genetics and the weather. Getting the seed in the ground early and getting the corn crop off to a fast, healthy start is critical to achieving high yields.

Take yield-robbing soil insects out of the picture in your corn production program this season with the combination punch of FORCE 3G applied through the SmartBox. You'll get your crop off to a good, healthy start for a high-yield finish.

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

Highly Effective Chemistry

The active ingredient in FORCE 3G SmartBox is tefluthrin, a pyrethroid insecticide that is effective at low use rates and has low water solubility. It provides long-residual, broad-spectrum insect control in a granular formulation.

Innovative, Precise Application System

The SmartBox is a closed-handling system that combines precision insecticide placement with reduced applicator exposure. It features in-cab push button controls, monitoring and data record-keeping capabilities. The SmartBox is a technically advanced, yet easy-to-use system that fits on all major brands of planters.

Easy-to-Handle Returnable Containers

FORCE 3G SmartBox comes in 50-lb. returnable containers that are easy to handle and eliminate the need to open, pour and dispose of bags. This closed system eliminates dust and reduces the risk of skin contact or inhalation.

Excellent Rotational Options

FORCE 3G SmartBox fits well in a corn soil insecticide rotation program with FORTRESS® 5G and AZTEC® 4.67G, which can also be applied through the SmartBox. This gives corn growers a choice of products for highly effective, long-term soil insect control.

Environmental Respect

The active ingredient in FORCE 3G SmartBox does not pose unusual risk to birds, other wildlife or humans when used as directed.

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FORCE 3G SmartBox Labeled Crops

Field Corn
Seed Corn
Sweet Corn
Popcorn

Pests Controlled by FORCE 3G SmartBox

Western Corn Rootworm
Northern Corn Rootworm
Southern Corn Rootworm
Mexican Corn Rootworm
Cutworm
Seed Corn Maggot
Seed Corn Beetle
Lesser Cornstalk Borer
White Grub
Wireworm
Chinch Bug (suppression)
Billbug (suppression)
Red Imported Fire Ant (28-day suppression)

FORCE 3G SmartBox Use Rates and Guidelines



FORCE 3G SmartBox can be applied at the rate of 4–5 oz. per 1,000 feet of row at planting for the control of major soil insects. The higher use rate should be applied for heavy infestations of wireworm and white grub.

To control cutworms only in first-year corn, FORCE 3G SmartBox can be applied as a band or T-band at 3–4 oz. per 1,000 feet of row.

The product can be applied either in-furrow or in a band or T-band placement. Granules must be incorporated into the top 1 inch of soil when using band or T-band placement. The T-band placement is preferred for broadest insect control and optimal control of cutworm.

Refer to the product label for additional use information and restrictions based on specific insect problems and conditions.

FORCE 3G SmartBox Use Rates per Acre

Amount of FORCE 3G SmartBox Per 1,000 feet of row	Pounds of FORCE 3G SmartBox Needed at Various Row Spacings					
	30"	32"	34"	36"	38"	40"
3.0 oz.	3.3	3.1	2.9	2.8	2.6	2.5
4.0 oz.	4.4	4.1	3.8	3.6	3.4	3.3
5.0 oz.	5.5	5.1	4.8	4.5	4.3	4.1



For more information about FORCE 3G SmartBox contact your local agricultural chemical retailer or AMVAC representative, call 1-888 GO AMVAC (1-888-462-6822), or visit www.amvac-chemical.com or www.smartboxsystem.com.

Always read and follow all label directions and use precautions. AZTEC® 4.67G, FORCE® 3G SMARTBOX and FORTRESS® 5G are Restricted Use Pesticides. FORCE® 3G is a registered trademark of a Syngenta Group Company, FORTRESS® 5G and SMARTBOX® are registered trademarks of AMVAC Chemical Corporation and AZTEC® 4.67G is a registered trademark of Bayer AG.