

LORSBAN® 15G SMARTBOX®

CORN

Lorsban 15G SmartBox. The Right Choice.



When you choose Lorsban 15G SmartBox to protect your corn acres this season, you're making the right choice! That's because Lorsban 15G SmartBox offers more consistent control of a broader spectrum of pests than seed-applied insecticides – particularly under moderate to heavy infestations. While interest in seed treatments has increased over the last few years, much of that interest has largely been fueled by the convenience offered by seed treatments. However, the inconsistent control of corn rootworm provided by seed treatments has been observed in university trials for several years. To obtain consistent protection against corn rootworm damage, and to protect seedlings from secondary pest injury, Lorsban 15G SmartBox is the right choice.

The SmartBox System

The most innovative closed-handling 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.smartboxsystem.com.

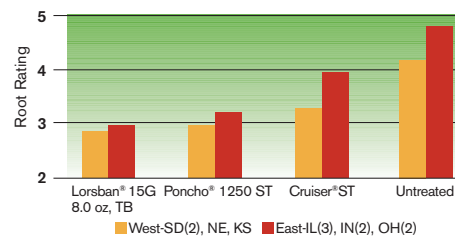
Advantages

- Promotes seedling health and improves yields
- Minimal effect on earthworms and beneficial insects
- Compatible with today's corn herbicides
- Not a restricted use pesticide
- Not abrasive or "gummy" to equipment

Comparison Results on Corn Rootworm

Although some proponents of seed treatments tout the control of corn rootworm as being equivalent to Lorsban 15G, the 2004 trial results across the Midwest do not support that claim. The rootworm control results, separated into Eastern and Western data, better reflect the performance in these geographic areas. Under these higher levels of rootworm infestation, Lorsban 15G maintained the average level of rootworm feeding below the economic threshold of 3.0, whereas seed treatments did not.

Lorsban 15G compared to Poncho® and Cruiser® seed treatments, University Research, 2004



Corn rootworm control is typically evaluated through root rating trials where corn roots treated with different insecticides are exposed to rootworm feeding and rootworm feeding damage is later evaluated. It is generally agreed by extension entomologists that when root ratings are maintained at a rating of 3 or less on the 1-6 Iowa root rating scale adequate protection against rootworm has been provided. These 2004 results show that in "head to head" comparisons, seed treatments Poncho and Cruiser did not maintain a consistent level of rootworm protection below the 3.0 economic threshold rating.

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Corn rootworm larvae



White grub



Wireworms



Seedcorn maggot damage, photo courtesy of Dept. of Entomology, University of Nebraska-Lincoln

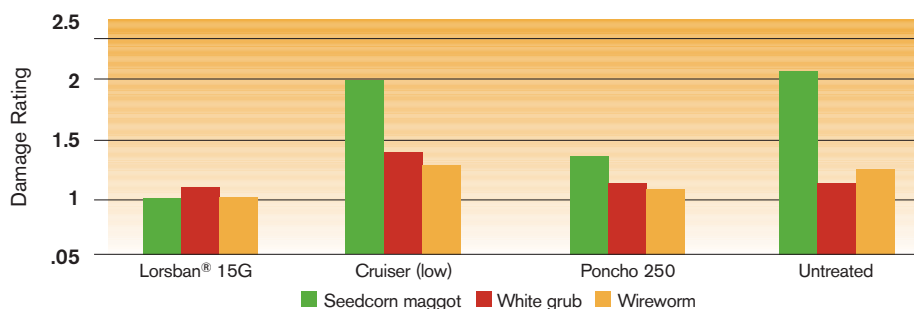


Black cutworm

Secondary Insect Control

Iowa State University, 2003 and 2004

Lorsban 15G applied in-furrow at 8 oz/1000 row ft provided consistent control of seedcorn maggot, white grub and wireworm in small plot trials under moderate insect pressure.



Rating Scale: 1) seed/seedling undamaged 2) seed/seedling damaged, but plant established 3) seed/seedling damaged, plant shows some sign of stress 4) seed/seedling damaged, no plant or questionable establishment

Flexibility Compared to Seed Treatments

In addition to broader spectrum insect control, Lorsban 15G SmartBox offers greater flexibility than seed treatments to fit your individual needs as shown below.

	Lorsban 15G SmartBox	Seed Treatments
Rootworms	Effective control	Suppression
Cutworm	Good control (all species)	Limited
White grubs	Yes	Yes
Wireworms	Yes	Yes
Seed corn maggots	Yes	Yes
Seed corn beetles	Yes	No
Adjustable rates based on field, insect pressure and/or row width	Yes	Fixed (not adjustable)
Water solubility or rainfall issues	No issues	Yes (refer to product labels)
Plant back restrictions	No issues	30 days to one year in some cases
Seed issues – need for additional coatings during planting, disposal of excess seed, germination issues of carry over seed	No issues	Yes
Application flexibility to fit your field needs	Yes	No



Always read and follow all label directions. For more information about Lorsban 15G SmartBox contact your local agricultural chemical retailer or call **1-888-GO AMVAC** (1-888-462-6822) or visit www.amvac-chemical.com.

Proudly made in the USA!



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