

January 5, 2011

## Soil Insecticide on Traited Corn

Over the last few years, corn producers have been trying soil applied insecticide on Rootworm Traited corn and have seen yield boosts.

University trials, conducted across the Corn Belt in 2007 & 2008, saw a yield increase on average of 9.1 bushels per acre. In 64 comparisons at 11 universities and colleges, 74% of the trials showed a yield increase; 10 bushels per acre in 40% of the trials and 15 bushels per acre in 27% of them.

In addition to increasing yield, the use of soil insecticide also provides added root protection, improving standability through fall, which leads to the opportunity of greater efficiency during combining.

Below is a check list provided by Syngenta. Answering yes to one or more may indicate a treatment of Force®, in addition to Traited corn, would be a benefit.

- Is there heavy Rootworm pressure?
- Do I intend to plant early?
- Is there heavy White Grub pressure?
- Is there heavy Wireworm pressure?
- Are Cutworms a threat?
- Do I want to have a uniform stand?
- Do I have a plan for early season weed control? (Insect pest population growth accelerates in early weed cover)
- Do I want to maximize the performance of my hybrid?
- Do I need to manage insects with multiple modes of action?

Insecticides come in granular and liquid formulations. Please contact your Central Valley Agronomist if you have questions on what equipment is compatible with the insecticides you would most benefit from.



LEFT: Force + Corn Rootworm Trait  
RIGHT: Corn Rootworm Trait Only