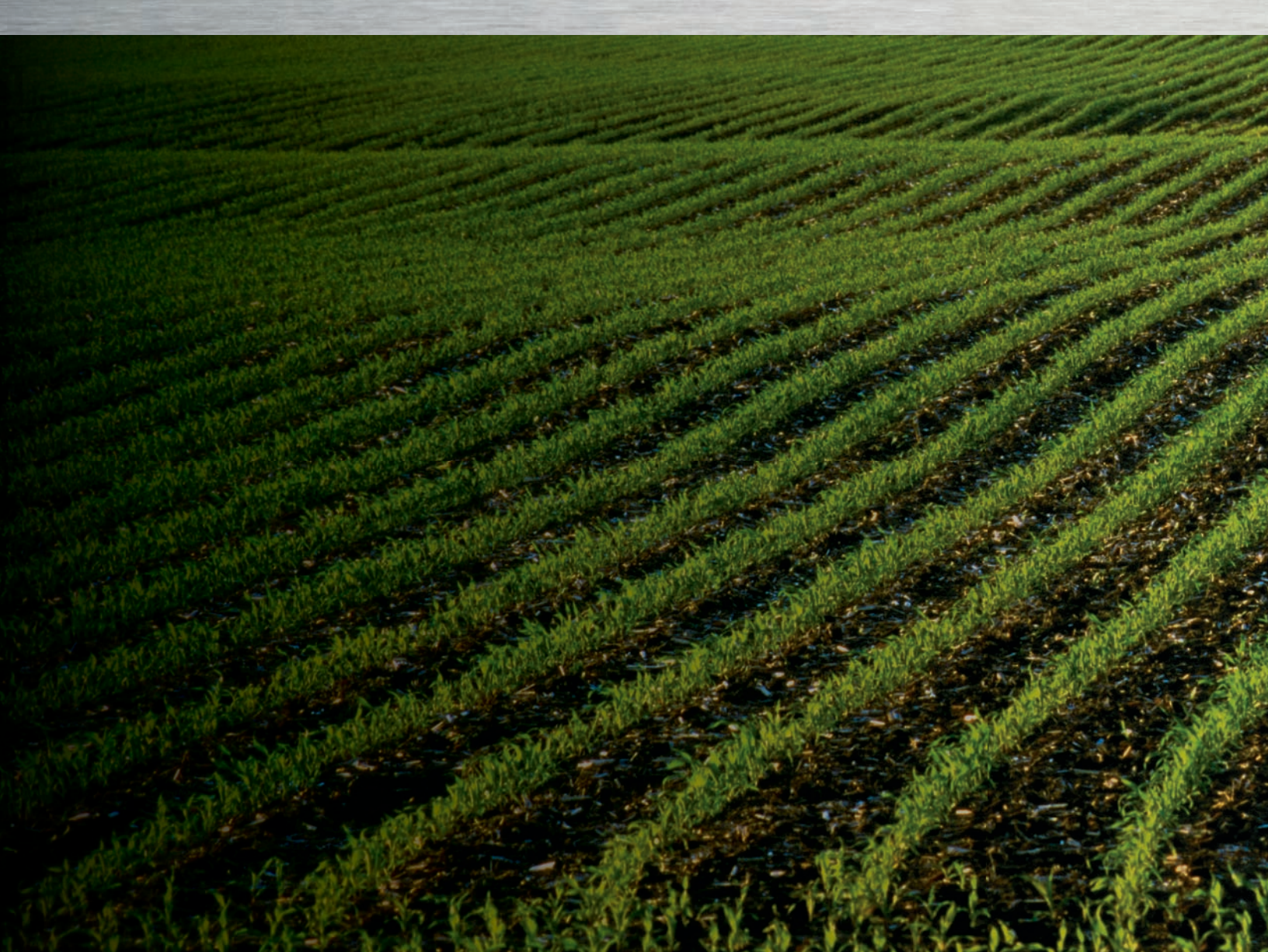




IN-THE-BAG PROTECTION ISN'T ENOUGH. STOP SOIL PESTS BEFORE THEY
CAUSE DAMAGE WITH CAPTURE® LFR® LIQUID, AT-PLANT INSECTICIDE.





In-the-bag protection
isn't enough. Create
a pest-free zone.



Seed treatments and Bt protection only work when soil pests bite and damage seeds and roots. It's a meal that causes significant damage, which affects the entire year.

With Capture® LFR® liquid, at-plant insecticide, you can eliminate most soil pests before they have a chance to injure developing seedlings. Without injury, stand count improves and robust roots transfer more yield-producing energy. **So much so that 50 independent studies from 2006 through 2011 increased corn yields by an average of 11 bu/A from using Capture LFR.**

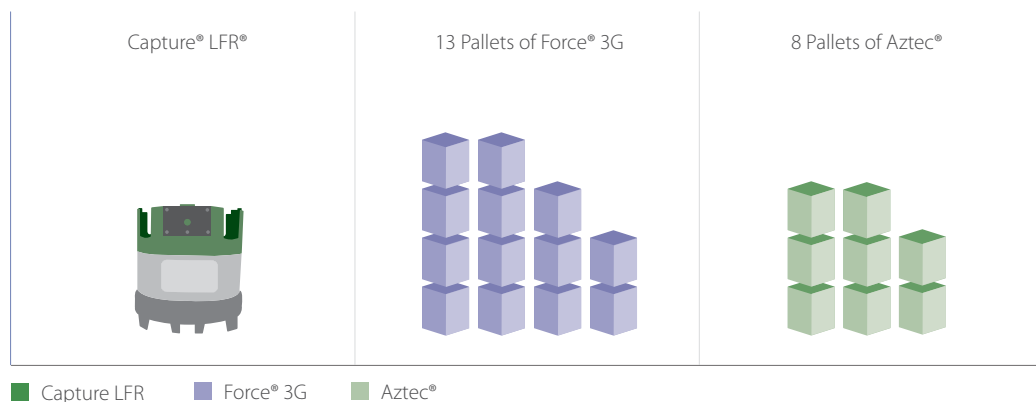


<input checked="" type="checkbox"/> Rootworm	<input checked="" type="checkbox"/> Grubs
<input checked="" type="checkbox"/> Larvae	<input checked="" type="checkbox"/> Wireworms
<input checked="" type="checkbox"/> Cutworms	<input checked="" type="checkbox"/> Seedcorn Maggots

One application of Capture LFR provides protection from corn rootworm, larvae, cutworms, grubs, wireworms and seedcorn maggots. Additionally, Capture LFR is an excellent addition to an integrated approach in rootworm resistance management with Bt corn.

Save space. Less waste.

Just one 110-gallon returnable container of Capture® LFR® will treat a little over 2,000 acres. There's no way a granular insecticide can do that while taking up less space. It results in fewer trips back and forth from the field and less containers to transport.



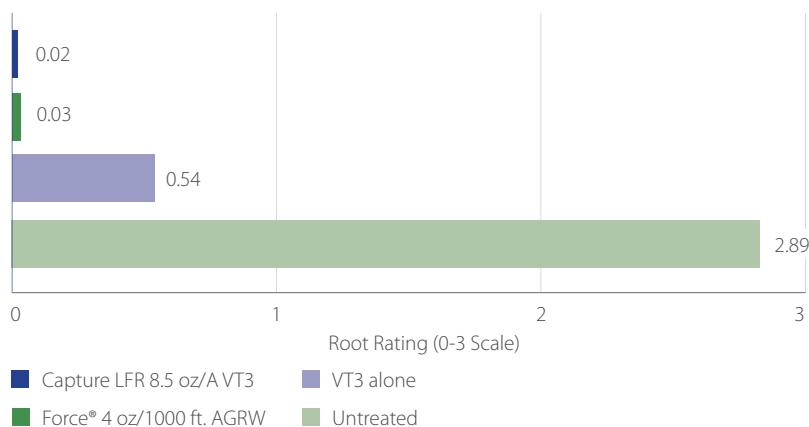
A 110-gallon, returnable container of Capture LFR will treat a little more than 2,000 acres. It would require 8 pallets of Aztec® or 13 pallets of Force® 3G to treat the same amount of acres.

Manage corn rootworm resistance.

The development of corn rootworm (CRW) resistance to traits is a growing concern among many growers and Capture LFR is proven to be an excellent choice for helping to manage this threat. Again, it's the Capture LFR zone of protection that controls CRW before they have a chance to feed on seedlings or developed roots.

Corn Rootworm Control SDSU

Dr. Billy Fuller, SDSU
2011 Colman, SD



Take advantage of every benefit.

Protection:

First line of defense against soil pests, controls insects before they have a chance to feed on seed and roots

Provides a zone of protection that allows roots to grow to their full potential

Protects your seed investment

Capture LFR will control wireworms, grubs, maggots and other seedling pests that GMO traits cannot

Reduces selection pressure for genetic trait resistance development

Bt-resistant rootworm issues are on the rise

Protection for the refuge in RIB (refuge-in-Bag) hybrids

Labeled for corn and soybean

Yield:

Average yield increase of 11 bu/A in corn

Application:

More acres treated per tank load

Closed handling system, practically no-touch

Capture LFR not affected by crosswind drift like granulars when applied in-furrow

Application flexibility: use either in-furrow or T-band

Fewer containers per acre

More acres planted per day

Tank mix with starter fertilizer

No interaction with ALS or HPPD herbicides

Monitor and control from tractor cab

Stays in suspension

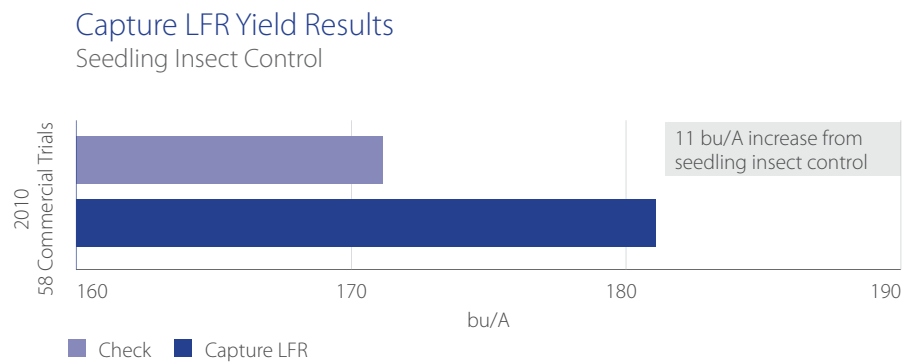
Cost:

Positive return on investment

FMC has an assistance program to help you pay for liquid application equipment



The facts are in. Capture® LFR® insecticide increases ROI.



Capture LFR applied in-furrow for additional seedling insect control. Check may have been untreated, seed treated or Bt-traited seed.

Let's do the math.

Difference of 11 bu/A

X \$6.00/bu

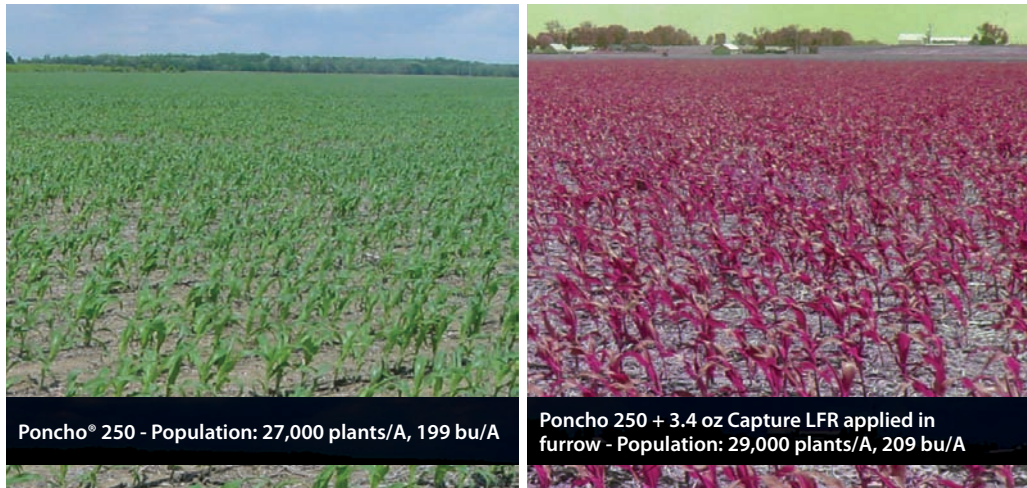
\$66.00/A

\$7-\$15.00/A Capture LFR Cost

\$51-\$59.00/A Return



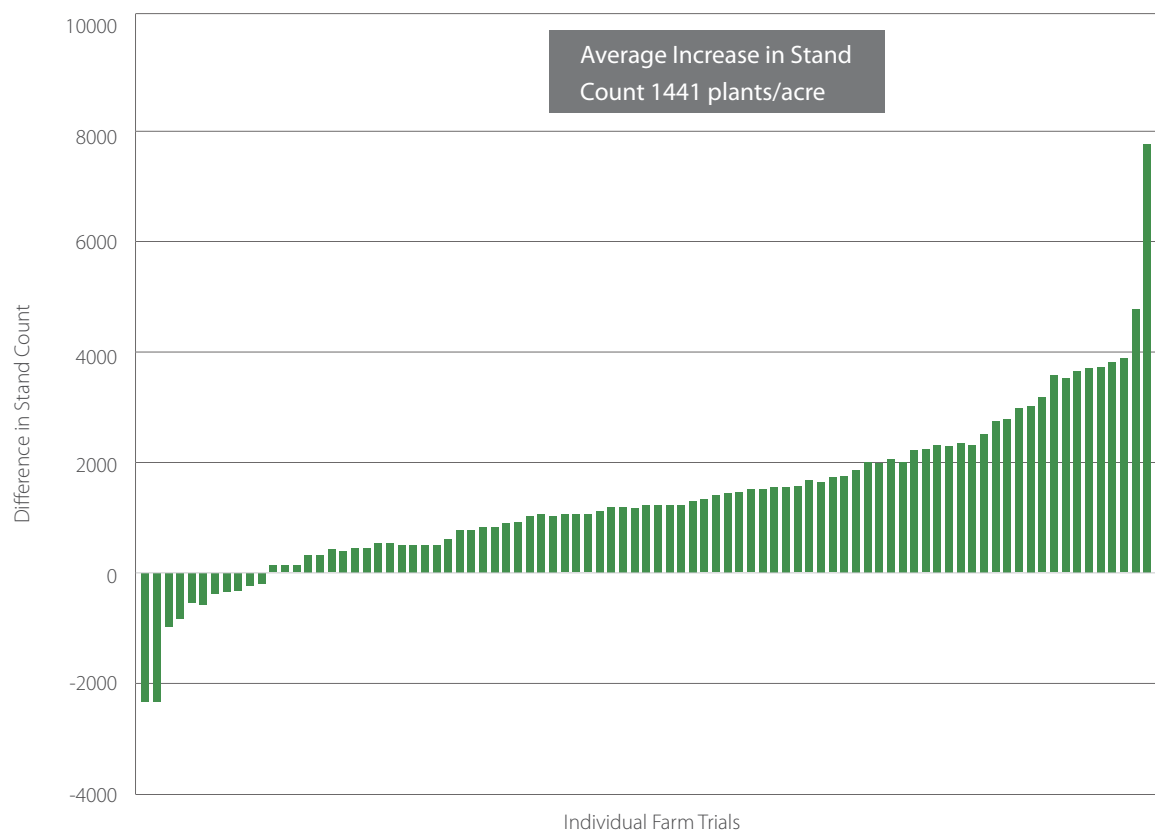
Increase stand count by 1441 plants per acre.



There's not a lot of visual difference between these two photos, but the field on the right has 2000 more plants per acre than the field on the left. In fact, after numerous field trials in MN, SD, IA, NE, MI and IN, the average stand count increase was 1441 plants per acre. While input prices will sway from year to year, that kind of stand increase can lead to profitable end results.

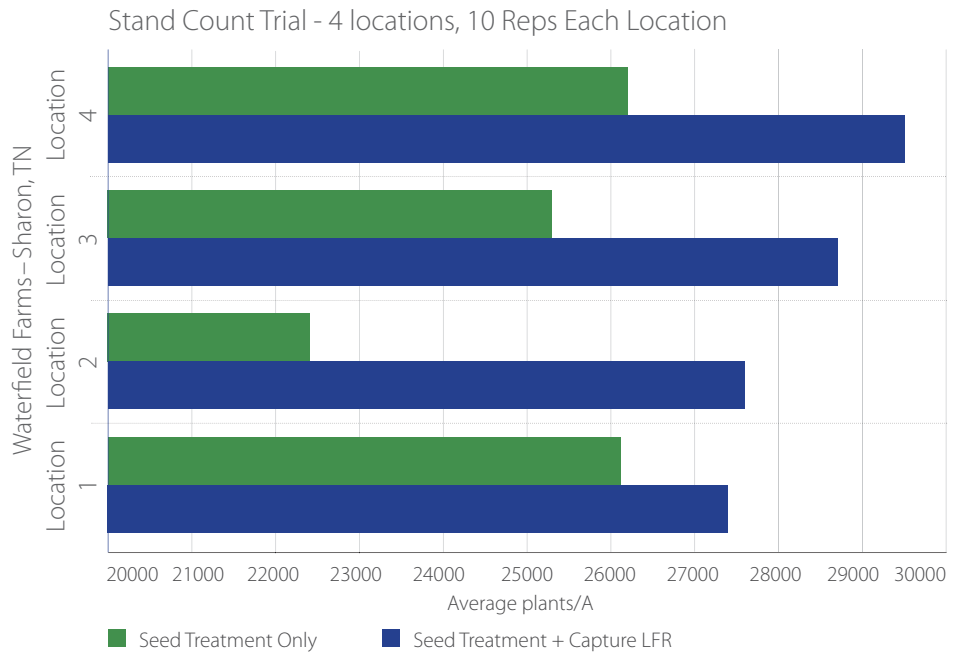
Data Summary: 2012 Stand Count Trials - Commercial Field Trials

Capture LFR + Seed Treatment vs. Seed Treatment Alone



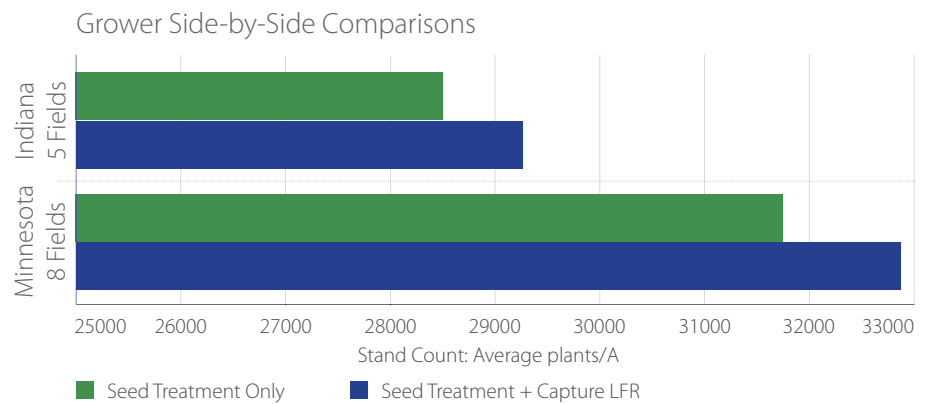
2010 Capture® LFR® Stand Count Trials.

3,300 average
increase in
stand count

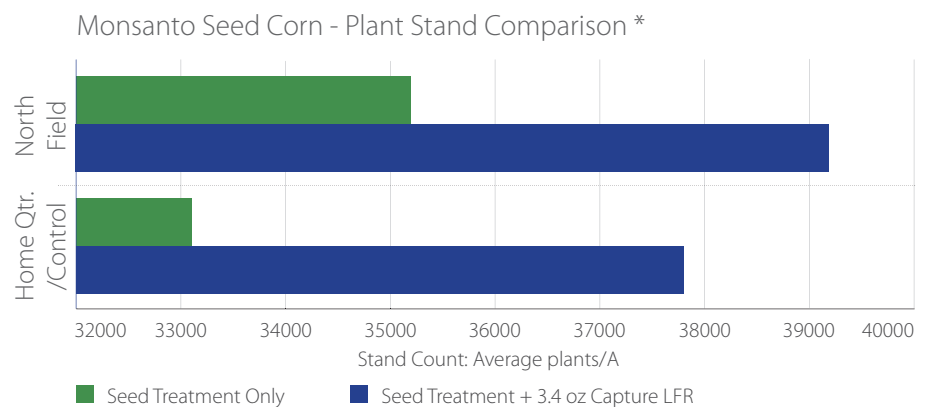


+760 plants/A
With Capture LFR

+1,125 plants/A
With Capture LFR



4,350 average
increase in
stand count



*45 Days after Planting - Hall County, NE

Above Average Yield Maps in CRW Areas.

These yield maps were provided by growers who tested Capture® LFR® and starter fertilizer in addition to the in-the-bag protection for double defense against corn rootworm. The dark green areas in the field show where the Capture LFR/starter was applied. The test plots responded with a 50 bu/A increase. While not everyone should expect these kinds of returns, they do show how another barrier of protection can be extremely beneficial.



Year : 2011
 Operation : Grain Harvest
 Crop / Product : Corn
 Op. Instance : Harvest - 1
 Area : 184.89 A
 Avg. Yield : 161.82 bu/A
 Avg. Moisture : 16.21%

Estimated Volume (Dry)

(bu/A)

- 214.09 – 371.23 (16.70 A)
- 174.06 – 214.09 (24.26 A)
- 166.78 – 174.06 (28.47 A)
- 160.69 – 166.78 (28.97A)
- 153.49 – 160.69 (29.16 A)
- 141.72 – 153.49 (28.94 A)
- 10.55 – 141.72 (28.04 A)

Year : 2011
 Operation : Grain Harvest
 Crop / Product : Corn
 Op. Instance : Harvest -1
 Area : 54.91 A
 Avg. Yield : 190.32 bu/A
 Avg. Moisture : 18.38 %

Estimated Volume (Dry)

(bu/A)

- 256.32 – 393.10 (5.408 A)
- 234.40 – 256.32 (5.504 A)
- 199.03 – 234.40 (6.388 A)
- 185.73 – 199.03 (9.142 A)
- 174.98 – 185.73 (9.568 A)
- 160.94 – 174.98 (9.614 A)
- 19.37 – 160.94 (9.286 A)

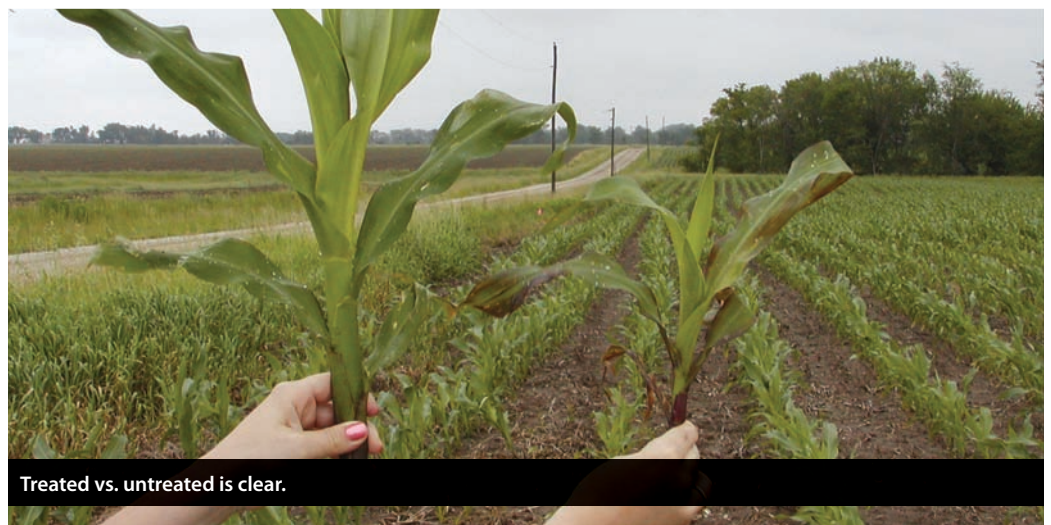
Be prepared for an outbreak.



Soil pest populations will sometimes explode. This grower had the problem lurking but didn't use his Capture® LFR® liquid application system in one field. The results? A 30% stand loss in one field and a 27 bu/A increase in the other. While his increase is higher than average, it shows the benefit of being prepared.

Photographic evidence.

This isn't bigfoot we're talking about, this is a zone of protection that eliminates soil insects before they chew right into plant productivity. **As we've said before, for a seed treatment to work, pests have to take a bite—a bite that literally comes out of your yield.** With Capture LFR, pests are controlled before feeding begins which means roots develop like never before. It's an equation that always works: healthy roots = healthy stands = healthy yields.

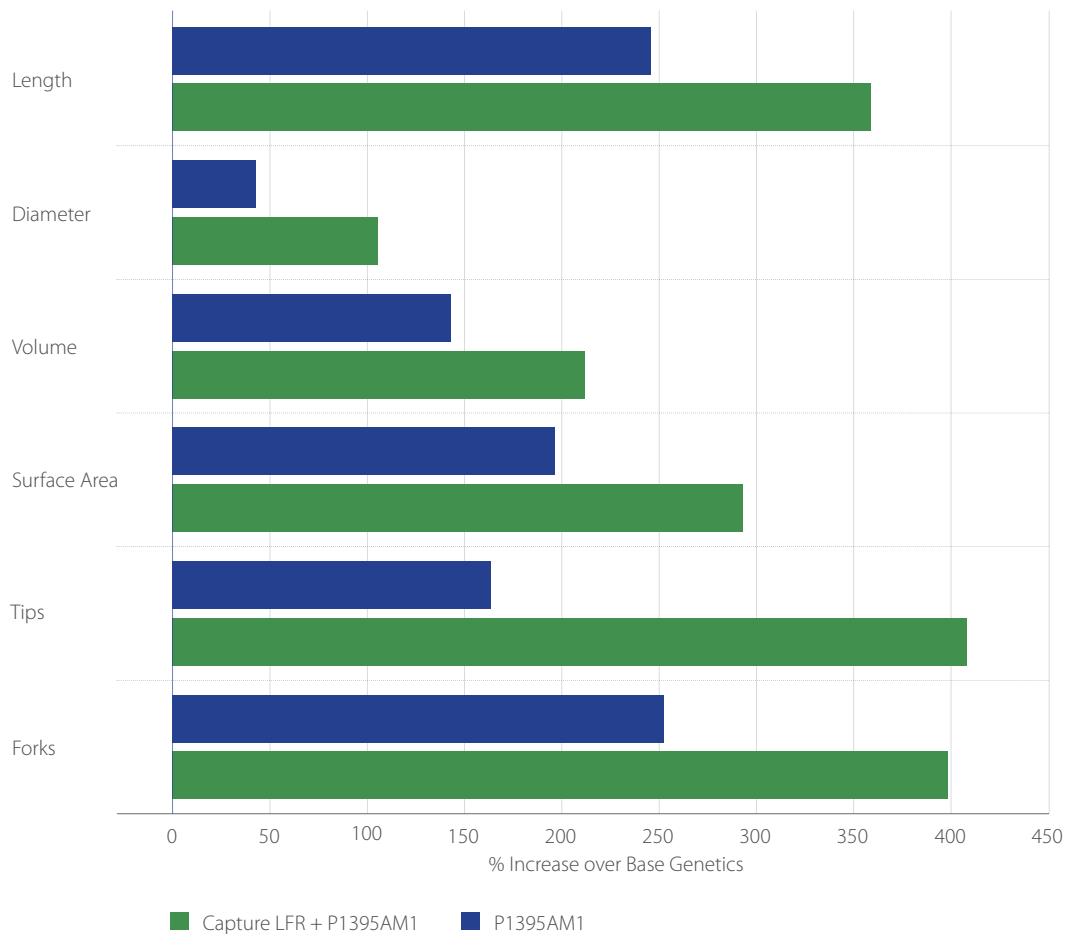




Capture LFR corn rootworm study, University of NE, South Central Ag Lab., Clay Center, NE. Photos July 13, 2012, G. Stratman

Data obtained through root scan technology.

% Increase in root evaluations over P1395HR Check



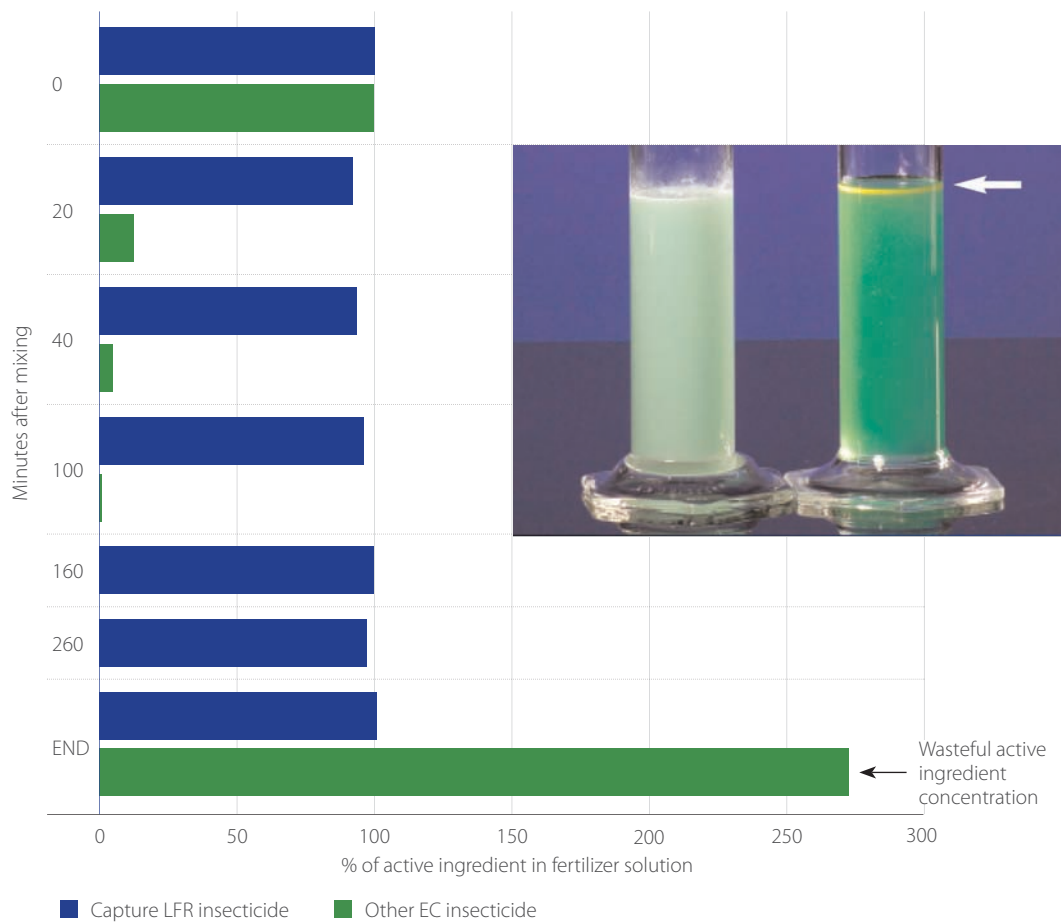
Tank-mix convenience.

To add even more value, Capture® LFR® can be partnered with low-salt, in-furrow liquid fertilizers for time and energy savings. With one trip through a field, you can plant, fertilize and apply Capture LFR insecticide protection right over corn in the furrow.

Capture® LFR® insecticide has uniform tank mix suspension.

Capture LFR & Other EC Insecticide in 10-34-0

Uniformity Profile in Application Tank — 90% confidence



Avoid negative insecticide/herbicide interactions.

Capture LFR can be used with multiple herbicides.

Now that resistant corn rootworms are in the news, more growers are returning to soil insecticides for crop protection. However, many insecticides are organophosphates (OP) and can negatively interact with Acetolactase Synthetase Inhibitor (ALS) and Hydroxyphenyl-Pyruvate Dioxygenase (HPPD) inhibitor herbicides and cause severe injury to corn.

Capture LFR, on the other hand, has been shown to have no negative reactions with ALS or HPPD herbicides. It's another worry-free benefit on top of so many others.

Summary table of soil insecticide combinations with ALS and HPPD herbicides.

Herbicide Trade Name	Active Ingredients	Site of Action (Group)	Counter 20 CR In-Furrow & T-Band (OP)	Lorsban® (OP)	Fortress (OP)	Aztec® (OP)	Capture LFR In-Furrow or T-Band (Pyrethroid)
Accent®/Accent Q	nicosulfuron	ALS (2)	Do Not Use	See Label	OK	OK	OK
Basis®	rimsulfuron	ALS (2)	Do Not Use	See Label	OK	OK	OK
Beacon®	primisulfuron	ALS (2)	Do Not Use	See Label	See Label	See Label	OK
Balance® Pro/Flexx	isoxaflutole	HPPD (27)	OK	OK	OK	OK	OK
Callisto®/ Callisto XTRA	mesotrione/ mestriane atrazine	HPPD (27), PsII (5)	See Label	Do Not Use	OK	OK	OK
Capreno®	thiencarbazone tembotrione	ALS (2), HPPD (27)	Do Not Use	Do Not Use	OK	OK	OK
Celebrity® Plus	nicosulfuron, dicamba	ALS (2), Synthetic Auxin (4)	Do Not Use	OK	OK	OK	OK
Corvus™	thiencarbazone, isoxaflutole	ALS (2), HPPD (27)	Do Not Use	Do Not Use	Do Not Use	OK	OK
Halex® GT	mesotrione, glyphosate, metolachlor	HPPD (27), EPSPS (9), Mitosis (15)	Do Not Use	Do Not Use	Do Not Use	Do Not Use	OK
Hornet®	flumesulam, clopyralid	ALS (2), Synthetic Auxin (4)	Do Not Use	See Label	See Label	See Label	OK
Impact®/ Armezon™	topramazone	HPPD (27)	Do Not Use	See Label	See Label	See Label	OK
Laudis®	tembotrione	HPPD (27)	Do Not Use	See Label	See Label	See Label	OK
Lexar®, Lumax®	mesotrione, atrazine, metolachlor	HPPD (27), PsII (5), Mitosis (15)	See Label	See Label	See Label	See Label	OK
NorthStar	primisulfuron, dicamba	ALS (2), Synthetic Auxin (4)	Do Not Use	See Label	See Label	See Label	OK
Option®	foramsulfuron	ALS (2)	Do Not Use	See Label	See Label	See Label	OK
Python®	flumetsulam	ALS (2)	Do Not Use	See Label	See Label	See Label	OK
Resolve®/Resolve Q	rimsulfuron, thiafensulfuron	ALS (2)	Do Not Use	See Label	See Label	See Label	OK
Sharpen®	saflufenacil	PPO (14)	See Label	See Label	See Label	See Label	OK
Spirit	prosulfuron, primisulfuron	ALS (2)	Do Not Use	See Label	See Label	See Label	OK
Steadfast®/ Steadfast Q	nicosulfuron, rimsulfuron	ALS (2)	Do Not Use	See Label	OK	OK	OK
Stout®	nicosulfuron, thiafensulfuron	ALS (2)	Do not Use	See Label	OK	OK	OK
SureStart®/ TripleFLEX™	flumetsulam, clopyralid, acetochlor	ALS (2), Synthetic Auxin (4), Mitosis (15)	Do Not Use	See Label	See Label	See Label	OK
Verdict™	saflufenacil, dimethenamid	PPO (14), Mitosis (15)	Do Not Use	Do Not Use	OK	OK	OK

Corn usage rates.

Seedling insects

In-furrow tank mixed with starter fertilizer – research shows control on heavy infestations of wireworms and cutworms, plus other pests such as grubs, seed corn maggots, armyworms and stalk borers.

Corn rootworm

For maximum control of corn rootworm, use the highest rate of Capture LFR applied in-furrow, tank mixed with starter fertilizer, for control of infestations of corn rootworms. Capture LFR should be used in conjunction with rootworm population management, which includes Bt trait rotation, adult rootworm, population control and use of Capture LFR to maximize root protection and corn yields.

Pest	Dosage (oz/A)	Dosage (lb ai/A)	Remarks
Corn rootworm larvae (Northern, Southern and Western)	8.5	0.10	Apply as a 5-7 inch band (T-band) over an open furrow or in-furrow with the seed.
Wireworm, Grubs, Seed corn maggot, Stalk borer, Root aphid	3.4 – 6.8	0.04 – 0.08	Apply as a 5-7 inch band over an open furrow (T-band), or in-furrow with the seed.
Army cutworm, Cutworm species, True armyworm, Armyworm species	3.4 – 6.8	0.04 – 0.08	Apply as a 5-7 inch band over the row on the soil surface, a 5-7 inch band over the open furrow (T-band), in-furrow with the seed, or broadcast over the entire acre on the soil surface.

It's time to act.

So, you've seen the photos, you've seen the stats and you've read how Capture® LFR® insecticide gives you an additional edge to maximize every inch of soil. Now it's time to act. Contact your FMC Star Retailer, call **888-59-FMC-AG** or visit **FMCcrop.com** and literally start reaping the benefits.

Notes:

Use this space to crunch the numbers and find out how much Capture LFR can benefit your upcoming season.

[illegible]

For more information contact your FMC representative,
call **888-59-FMC-AG** or visit **FMCcrop.com**.

FMC Corporation
Agricultural Products Group
1735 Market Street
Philadelphia, PA 19103

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