DATA & TRIALS

30 days after EXCAVATOR application







FIGHT BACK WITH EXCAVATOR®





EXCAVATOR[®], powered by MICROBILIZETM, is specifically designed to break down crop residue in the field, improving planter performance, creating stronger stands and releasing valuable nutrients to feed the crop.

The consortium of microbes included in the patentpending EXCAVATOR formulation are specifically designed to digest crop residue and cycle nutrients back to the soil profile. Additionally, these microbes build improved soil tilth, reduce disease pressure and generate overall increased biological activity.



EXCAVATOR and EXCAVATOR AMS are powered by the MICROBILIZE™ Microbe Technology Delivery System. MICROBILIZE provides the ideal carrier to ensure microbes stay alive in the jug and have optimum conditions to begin multiplying and breaking down residue once applied.

3:1 RETURN ON INVESTMENT

Through multi-location/multi-state research trials, EXCAVATOR has proven to deliver a 3:1 return on investment through one or a combination of the following benefits.

Breaking down residue faster will allow faster planting, stronger stands and fewer skips





More nutrients available early

\$39/ac

EXCAVATOR Trial Data

Conducted by Ed Corrigan

Trials were on a 40 plus years of corn after corn with various tillage systems compared with and without EXCAVATOR applied after harvest last fall and chiseled into the soil.

- 28% was the source of Nitrogen applied at planting with a rolling coulter bar, 160 units per acre with NBT added
- 44,000 population per acre was dropped on 30" rows
- Dekalb 64-34





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EXCAVATOR® AMS, powered by MICROBILIZE[™], is the industry's leading, and first all-in-one blend of water conditioning agent (ammonium sulfate), surfactants, and humectants that aids in fertility/nutrient release and residue breakdown.

This combination makes it the perfect partner for water-soluble burndown herbicides like glyphosate. Not only will it perform as your key water conditioning and surfactant blend, but it will also enhance your fertility program by releasing key nutrients in a timely manner; allowing your current crop to have access to nutrients within the growing season.



Less tillage required



Improve soil health



\$18/ac

EXCAVATOR[™] ON COVER CROPS, FOLLOWED BY SOYBEANS



Yield Increase	+8.9 bu
Grain Income	\$13.02/bu
Per Acre Income Increase	\$116.32/ac
Per Acre Pevenue Increase	2c/00 992



EXCAVATOR[™] ON CORN STALKS, FOLLOWED BY SOYBEANS



Yield Values no data found 5.1 - 51.6 51.7 - 77.5 77.5 - 81.7 81.7 - 85.8 85.8 - 110.1 Yield Summary BPA Location Yield EXCAVATOR Trial 1 78.6 ontrol 742 Yield Response 4.4 Yield Summary BPA Yield Location EXCAVATOR Trial 2 79.3 74.2 ontrol 5.1 Yield Response



ON AVERAGE, EXPECT +2-3 Bu/AC

EXCAVATOR[™] ON CORN STALKS, FOLLOWED BY CORN

North Central Indiana High Level Yield Heat Map



Yield Values no data found 0.8 - 125.9 125.9 - 174.5 174.5 - 203.0 203.0 - 232.2 232.2 - 374.1 Yield Summary BPA Yield Location EXCAVATOR Trial 1 190.6

Control

Yield Response

Southern Nebraska High Level Yield Heat Map



0.1 - 57.5 57.5 - 64.5 64.5 - 68.6 68.6 - 73.2 73.2 - 124.8 Yield Summary BPA Location Yield XCAVATOR Trial 1 64.6 ontrol 62.7 Yield Response 1.9 Yield Summary BPA Yield Location EXCAVATOR Trial 2 63.5 62.7 ontrol 0.8 Yield Response

Yield

281.9

8.4

Yield Values

no data found

Yield

69.9



CONTROL



UNTREATED

"I had been searching for a residue product for a couple of years and I had tried half a dozen different things and Peter's like you got to try EXCAVATOR®. We put it on with some competing products and we were sold in about 2 weeks because we could see what happened. EXCAVATOR® now for me is a grower-standard practice.

-Kelly Garrett, Xtreme AG





167.2

23.4

EXCAVATOR ON SOYBEAN YIELD RESULTS





EXCAVATOR



EXCAVATOR

"I like the idea of EXCAVATOR® AMS. I could put all that into one jug and that will give me extra room on the spray trailer to add another tote of another product, another chemical, or another fertilizer. You could also cut weight and not be carrying an extra 250 gallons around."

-Ben Shaeffer, Morral, OH



