

The New Carbon

Dakota has redefined organic compounds and what they can do.

Unlike ordinary products, REV is a superior, naturally- occurring, organic carbon. It is the only crop product with the perfect natural profile to dramatically improve plant and soil health.

- Naturally-occurring microbes
- High carbon content
- pH buffer
- Improved nutrient uptake

University and in-field tests have shown that REV increases rootmass, dramatically improves seed germination, produces sturdier plants, and increases stress tolerance.



Better Than Plant Food

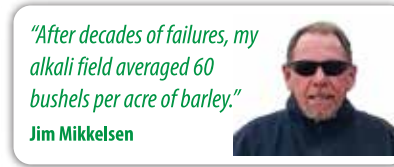
- Increases fertilizer and chemical efficiency
- Improves seed germination and establishment
- Improves nutrient uptake and rootmass
- Improves stress & drought tolerance

Available in 5 gallon pails and 270 gallon totes.



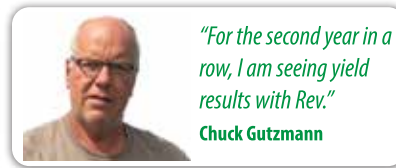
"It's all about the roots."

Steve Adams



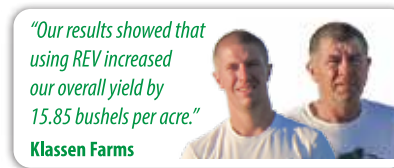
"After decades of failures, my alkali field averaged 60 bushels per acre of barley."

Jim Mikkelsen



"For the second year in a row, I am seeing yield results with Rev."

Chuck Gutzmann



"Our results showed that using REV increased our overall yield by 15.85 bushels per acre."

Klassen Farms



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0817 CPB



Organic Carbon re-defined.

We're changing everything...



Growing Stronger Naturally

The difference is visible, from root mass to leaf size, adding REV creates the perfect formula for robust growth.



Black Turtle Bean, 1 quart per acre in-furrow.



Wheat, 1 quart per acre in-furrow.



IA Corn, increased root mass at 1 quart per acre in-furrow.

Better Rootmass, Improved Yield

Three treatment plots of Edible Cranberry Beans were tested using the following applications of REV.

1. Untreated.
2. Starter fertilizer 2.75 gallons and REV at 0.25 gallons per acre, in furrow.
3. REV at 1.0 gallon per acre, in furrow.

As shown, in-furrow treatment with REV increased both seed germination and yield.



Yield differences with REV.

Healthier Plants

REV-treated plants (left) had 68% more yield. A field growing edible beans was divided into two sections as shown:

1. Carbohydrate-based fertilizer alone.
2. Carbohydrate-based fertilizer with REV at 0.25 gallons per acre in furrow.

Pods were collected and weighed from a random sampling of 24 plants.

Treatment	Pod Weight	Crop %
Fertilizer Only	1,095.05 Grams	Baseline
Fertilizer with 1 qt. REV	1,847.76 Grams	+ 69 %

2013 NDSU research



Treatment	Pod Weight	Yield %	Avg. Plant Count (Per 15 ft)	Plant Germination %
Untreated	2.7 Kilograms	Baseline	42.50 plants	Baseline
Starter/Qt REV	3.0 Kilograms	+ 11%	47.25 plants	+ 11%
Gal REV	3.9 Kilograms	+ 14%	47.00 plants	+ 11%

2013 NDSU research

Better Microbial Activity

A comparison of REV against ordinary liquid biological products shows that REV has clearly superior biological characteristics.

	REV Crop Pro	Ordinary Products
Active Bacteria	287 µg/ml	10 – 25 µg/ml
Total Bacteria	111,360 µg/ml	100 – 1,000 µg/ml
Active Fungal	0	2 – 5 µg/ml
Total Fungal	15 µg/ml	10 – 100 µg/ml

Per 1 ml of REV Crop Pro

Test Summary:

- ✔ Bacterial activity above expected level
- ✔ Bacterial biomass will increase with time as long as food is present
- ✔ Aerobic fungal biomass in normal range
- ✔ High total bacterial biomass
- ✔ Biological activity will increase nitrogen efficiency by 25% or more

Independent testing lab, 2012