

The New Organic

Dakota has redefined organic compounds and what they can do.

Unlike ordinary products, REV is a superior, naturally occurring, organic formulation. It is the only turf product with the perfect biological profile to dramatically improve plant and soil health.

- Active microbes
- High carbon content
- pH buffer
- Improved nutrient uptake

University and in-field tests have shown that REV increases root mass, extends the longevity of fertilizer and chemical applications.



Save 30% or More in Operating Costs

Reduce:

- Fertilizer applications
- Wetting agents and soil penetrants
- Thatch
- Cultivation needs
- Water use

Increase:

- Color retention
- Stress and drought tolerance
- Shoot and root density
- Photosynthetic energy
- Fertilizer efficiency
- Chemical efficiency
- Vacation days



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Organics... re-defined.

We're changing everything...



DAKOTA™
www.dakotarev.com



Better Results with Less Fertilizer

A university test used REV as a fertilizer additive to see the effect on growth of established Ryegrass. All plots received a treatment equal to 0.5 pounds of N per month of an 18-6-13 fertilizer with varying amounts of REV as an additive. The results after one week are shown below.



Seven days after treatment, the REV plots were denser, stronger, and healthier.

Longer Lasting Fertility

Even more impressive results were seen 16 hours after clipping. The REV plots kept fertilizer available to the plant, whereas the Untreated plots are in need of another fertilizer application.



Sixteen hours after clipping, REV plots continued to have fertilizer available.

Test conducted by Dr. Deying Li, Department of Plant Sciences, North Dakota State University, 2013.

"I've only used REV for a few months now, but I am seeing some really good results. It seems to improve the foliar uptake and I'm seeing turf that is healthier and greener for longer. So, I can stretch out the time between fertilizer applications and save money and labor costs. It's really a great product."

Mike Brownsberger, G.C.S.
Deer Island Country Club, Tavares, FL

"The REV program works! This is the best new product I have seen in a long time."

Mike Davies
Superintendent, Superior National G.C., Lutsen, MN

Healthier Turf

Enterprise, AL, was devastated by tornadoes that destroyed the high school and its sportsfields. Initial attempts to establish the fields on native soil with Tif Sport Bermuda sprigs were unsuccessful. A liquid fertility program that included REV Turf Pro showed incredible results in just four weeks.



Fields in Need of Help



Week One — REV Fertility and Cultivation Program



Week Four — Ready for Play



Sprayer shut off too soon

"With REV, I have been able to reduce my costs for fertilizer by 40 – 50% and my fungicide expense by 60% and still have the healthiest turf I've ever had. My new turf management rule is that no chemical is applied without REV and no sprayer leaves without REV in the tank."

Bill Lewis
Golf Course Superintendent

Better Microbial Activity

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

	REV Turf 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 Turf 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

Sample REV Fertility Programs

For Warm and Cool Season Grasses

Ingredient	Starter Program Pounds/Ounces per 1,000 sq. ft.	Maintenance Program Pounds/Ounces per 1,000 sq. ft.
46-0-0 Urea or	0.22 lbs	0.10 lbs
21-0-0 Ammonium Sulphate	0.48 lbs	0.30 lbs
Ferrous Sulphate Heptahydrate	0.28 lbs	0.18 lbs
Manganese Sulphate	0.022 lbs	0.015 lbs
REV Turf Pro	3.5 oz	3.5 oz

Notes:

- ✔ The REV programs above will give 21 – 30 days of color and controlled growth compared to 7 – 10 days without REV.
- ✔ If a granular program is used, spray REV 2 – 4 days after application. The release will be better controlled and the longevity of the application will be increased by 30 – 50%.
- ✔ This program has been used successfully with air induction nozzles at 0.9 gallons and standard nozzles at 1.4 gallons per 1,000 square feet.