



Who is Biodyne?

Biodyne® is an innovative business intent on harnessing naturally occurring microbes for environmental applications. *Biodyne*® has been in business since 1989. *Biodyne Midwest* cultivates and distributes liquid ENVIRONOC® inoculant to customers around the USA.

Biodyne isolates and evaluates bacteria/fungi for desirable environmental capabilities.

These microbes are screened for their capabilities and promising strains are assembled into products.



Problems with Livestock Waste?



Reduction of sludge, disposal of animal waste and odor control are all real issues affecting today's animal growers. A single dairy cow produces approximately 120 pounds of wet manure per day. The waste produced per day by one dairy cow is equal to that of 20-40 people. Increased regulatory requirements as well as the increased focus on environmental implications of animal wastes have required growers to closely evaluate their internal process and disposal options. The concentration of livestock in factory farms leads to enormous buildup of waste that causes significant issues. In many livestock operations, current systems used to treat animal waste cannot fully assimilate the processes, and therefore require additional treatment. Pollution from animal waste potentially poses a threat and the regulatory standards are becoming more stringent.

How Can ENVIRONOC 301 Help?



Biodyne-Midwest's Environoc 301 LIQUID Biological treatment is a consortium of 29 strains of microorganisms. It is comprised of 100% naturally occurring microbes that thrive by degrading the manure of cows, pigs, and other livestock in waste pits and lagoons. Environoc 301 can enhance your waste control operations while improving relations with surrounding communities.

ENVIRONOC 301 CAPABILITITES AND BENEFITS:

- Significant Odor Reduction
- Solid and Sludge Reduction
- Reduced Pit Pump Outs /Lagoon Dredging
- Degrades Wide Variety of Organic Wastes
- Safe, Non-Toxic, and "Green" product
- 100% Natural, Fresh, Viable Microbes
- Reduced Labor Time
- System Efficiency- Reduced BOD
- Cost Effective
- Effective and Easy to Use, 100% Safe

ENVIRONOC 301 Treatments.

Treatment with Environoc 301 100% Microbial Liquid Inoculant reduces odor, breaks down organic wastes, improves flushing of tanks, and reduces scum and sludge layer in lagoons. Environoc 301 also can be used as a spray to treat Livestock housing, bedding, and pens, to reduce odor and insects.



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