

Earthbac™

Priority's commitment to animal health is part of a 20-year legacy, empowering animal health and wellness with microbiology and nutrition. This commitment to improve health through microbiology is now drawing to the source, meeting the request of producers for something to help their crops and soil.

Bountiful harvests, nutritious feeds, and rejuvenating the microbiome of the soil is the intent of **Earthbac™**.

Providing naturally occurring microorganisms that originate from the Earth, Priority is empowering the soil

– *For Healthy Plants™ For Healthy Soil™*

Why is Earthbac™ needed?

- Deteriorating soil health
- Increased compaction
- Loss of soil structure
- Excess chemical stimulation

How does Earthbac™ help?

These naturally occurring organisms enhance the microbiome to free up nutrients in the soil making them available to plants as microorganisms and break down plant matter freeing up nutrients.

These unique strains of *Bacillus subtilis* B5000h™, B5005h™, B5150h™ are proven pathogen inhibitors.

Application Rate: 10 lbs / acre

Application: Broadcast or apply in furrow.

Percent inhibition of surveyed bacterial isolates in pathogen library

Pathogens	Isolates	Genotypes	Inhibition of Genotypes
<i>Salmonella</i>	181	64	99%
<i>E. coli</i>	126	17	100%
<i>C. perfringens</i> A	917	155	89%