



FOUNDATION Soil & Plant ProBiotics™



A VIGOROUS START

Legacy FOUNDATION Soil & Plant Probiotics™ is a plant growth enhancer, biological support to plant health and disease resistance, and soil conditioner.

This proprietary blend of carefully selected, naturally occurring soil microbes converts organic and inorganic matter into plant available nutrients. It improves and helps maintain soil health, resulting in improved plant growth, performance and productivity.

Microbial metabolites generated by Legacy FOUNDATION Soil & Plant ProBiotics improve the availability of soil-bound minerals because they work directly in the rhizosphere, the biologically active region surrounding growing roots in the soil.

The potential to significantly reduce chemical input

It is widely understood that the abuse of farm soil leads to an ever increasing reliance on chemical inputs to solve acute problems like disease and infestations. One way to help reduce dependence on chemical input is to provide nature with a helping hand in restoring health to soils. Legacy FOUNDATION helps produce healthy, nutritious food through the use of nature's own biology, strategically applied.

- ▶ Improves germination rates
- ▶ Stimulates early emergence
- ▶ Enhances seedling vigor
- ▶ Increases root mass
- ▶ Enhances flowering and fruit production
- ▶ Improves plant health to help resist disease and pests
- ▶ Improves soil health by building beneficial soil microbial populations, stimulating healthy biological activity
- ▶ Enhances overall plant growth and performance

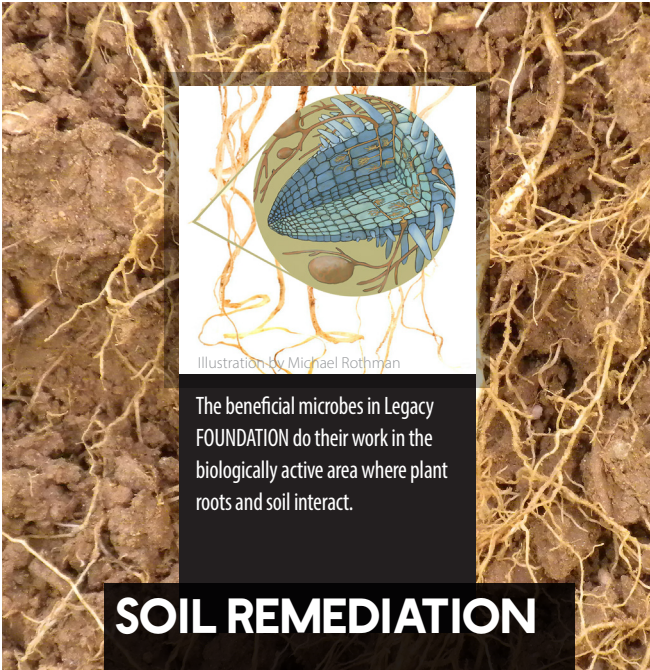


 **LEGACY
BIOSOLUTIONS**
Innovation from Nature's Own Laboratory™



FOUNDATION

Soil & Plant ProBiotics™



The beneficial microbes in Legacy FOUNDATION do their work in the biologically active area where plant roots and soil interact.

SOIL REMEDIATION



AGRICULTURE



GREENHOUSE

FOUNDATION™ Soil & Plant ProBiotics Planting and Technical Data

Legacy FOUNDATION is a stable and highly versatile product that works in a wide range of both temperature and pH ranges. It is a dry powder that can be applied directly to the soil, as a seed treatment, mixed with fertilizers and potting soils, or mixed with water for foliar spray application. Legacy FOUNDATION can also be used in drip irrigation, sometimes called fertigation.

GENERAL RECOMMENDATION

Apply 2 lb to 4 lb per acre per crop cycle. (2 kg to 4 kg per hectare)

FIELD CROPS SUCH AS CORN AND SOYBEANS

2 lb per acre at seeding directly into soil or mixed with fertilizer.

May be applied as a foliar spray or by irrigation.

VEGETABLE CROPS

Apply 2 lbs to 4 lbs per acre. Amount applied per acre depends on number of applications.

Initial application

Apply 1 lb to 2 lbs per acre at seeding or transplanting.

Can be applied at the rate of 1 oz per gallon of transplant water, or as a foliar or drip irrigation application.

Apply at 0.25 to 1lb at 14 to 30 day intervals.

FRUIT AND NUT TREES / BERRIES / VINEYARDS

Apply 2 lbs to 4 lbs per acre per crop cycle.

Initial application

Apply 1 lb to 2 lbs per acre in sufficient water to provide uniform coverage.

Apply 0.5 to 1 lb per acre every 30 to 60 days.

POTTED OR TRANSPLANTED PLANTS

Apply 100 grams per cubic meter of potting material

HAY AND TURF APPLICATION

Apply 2 lbs per acre per crop cycle.

If multiple applications are used, apply 1 lb per acre initial application, and 0.5 to 1 lb per acre after each cutting, or at 30 day intervals.

WITH SEEDS

Can be used as a seed application, mixed with seed at 4 oz per 100 lb seed.

STORAGE AND DISPOSAL

Store in original container and keep container tightly closed.

Store in a cool, dry place and avoid direct sunlight.

Dispose in accordance with Federal, State, and Local regulations.

INGREDIENTS

A proprietary blend (consortium) of selected strains of naturally occurring Bacillus, at 1x10⁶ CFU of each strain listed, including Bacillus subtilis, B. megaterium, B. licheniformis, B. polymyxa, B. pumilus, and B. azotofixans, which have the ability to fix atmospheric nitrogen, solubilize phosphorus and potassium. Contains essential amino acids including lysine, glycine, methionine. Contains vitamins including thiamine, riboflavin, biotin; folic acid, dextrose, sucrose.

DISCLAIMERS

- All application recommendations are suggestions based on experience. Application rates and results may vary according to environmental conditions, soil types and management practices.
- To the best of our knowledge product applied according to recommendations is safe for soil, water, plants, animals, humans and the environment.
- Legacy BioSolutions LLC makes no guarantees regarding the performance of this product.



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