



All Natural Land
Care Supplies

PRO-BOOSTER 10-0-0

PRO-BOOSTER 10-0-0 - Nitrogen is a major component of life. The hormones, enzymes and chlorophyll in growing plants are all composed with nitrogen. Protoplasm, the living substance of plant cells, is comprised of 40 to 50 percent nitrogen (on a dry matter basis). Without adequate nitrogen, plants cannot manufacture peptides, amino acids, proteins, enzymes, chlorophyll, or nucleic acids (the building blocks of DNA and RNA). These plant components are essential for growth and proper function. The reactions that occur during photosynthesis require a lot of nitrogen. If N is deficient during photosynthesis, less chlorophyll is produced and plants begin to lose their green color (chlorosis). Many plants respond to stress conditions by producing special proteins, and other metabolites that are rich in nitrogen. Inadequate access to nitrogen renders plants more susceptible to stress-related problems. Plants also produce special enzymes to combat pathogen infection and even insect attack. Enzymes, like protein, need nitrogen.

Wherever extra nitrogen is needed, PRO-BOOSTER 10-0-0 should be your natural choice.

nitrate of soda that contains 10 percent total nitrogen. Pro-Booster 10-0-0 is a fast acting fertilizer with one third of its nitrogen immediately available (water soluble). The organic nitrogen in protein meals is almost 94 percent water insoluble and complements the Pro-Booster 10-0-0 mix with its slow release attributes. Pro-Booster 10-0-0 can be side or top-dressed wherever extra nitrogen is needed. NOTE: We suggest that you carefully consider your nitrogen needs. Over applying ANY kind of nitrogen can cause more harm than good.

PRO-BOOSTER 10-0-0 NET WEIGHT: 50 lbs.

Guaranteed Analysis

TOTAL NITROGEN (N).....10.0%
3.5% Water Soluble Nitrogen
6.5% Water Insoluble Nitrogen

Derived from: Vegetable and or animal protein meals and (Natural) Nitrate of Soda

Coverage: One bag covers 5000 sq. ft.

Manufactured for:

NORTH COUNTRY ORGANICS
P.O. Box 372 - Bradford, Vt. 05033

FOR TURF: Pro-Booster 10-0-0 is an excellent spring or summer topdress for soils that predominately need nitrogen. With 3.5 percent soluble and 6.5 percent slow release nitrogen, Pro-Booster 10-0-0 can green-up quickly and provide a longer lasting source of N than conventional fertilizers. Use 10#/1000 ft² on lawns. Split apply (2 applications of 5# each, 30 days apart) on sandy or well drained soils. Applications during hot, dry periods are not recommended unless irrigation can be provided after applying.

Plants require more nitrogen than any other soil-born nutrient. Unfortunately, unlike many other plant nutrients, nitrogen does not exist as a natural mineral in soil. Organic nitrogen from plant and animal wastes must be mineralized by soil microbes into nitrate (NO₃) to be used by plants. The only known deposit of natural mineral nitrate on earth is in the Atacama Desert located in Northern Chile. It is mined for agricultural and horticultural use and is commonly known as Chilean Nitrate or Natural Nitrate of Soda.

provided after applying. Pro-Booster 10-0-0 is dust free and spreads easily through any type of rotary or drop spreader. It is especially suited for bluegrass lawns that have a greater need for nitrogen than other turf varieties.

FOR FIELD CROPS: Pro-Booster 10-0-0 is perfect for periods of the crop's life where nitrogen is a must. Many times during the growing season heavy rains or cold soil conditions can deplete or slow down the release of organic nitrogen from the soil. Plants that lack the necessary amount of nitrogen can become stunted and lose some of their natural resistance to environmental stress conditions, resulting in significant crop losses. Pro-Booster 10-0-0 can provide valuable crops with necessary N at critical times, to avoid stress from less than adequate nutrition.

rev. 10/04



PRO-BOOSTER 10-0-0 is a combination of vegetable and/or animal protein meals and natural