



## Stoller Enterprises, Inc.

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### **Nitro Plus - Turf**

Amine Nitrogen (NH<sub>2</sub>) 9.00%, Calcium (Ca) 7.00%, Magnesium (Mg) 1.5%, Iron (Fe) 0.5% Boron (B) 0.10%

**A superior controlled release amine nitrogen, calcium, magnesium, iron and boron fertiliser for root promotion, and stress tolerance.**

Research proves that turfs perform best when they take up all forms of N. Unfortunately ammonium and urea are quickly converted to nitrates in the soil, so turf generally take in mainly nitrate (regardless of what type of N is applied to the soil). Unlike nitrate N the nitrogen in **Nitro Plus - Turf** starts being metabolised by the turf as soon as it enters the roots. This means the turf can utilise the N immediately and quickly develop a large root system.

**Nitro Plus - Turf** supplies controlled release nitrogen in a form that encourages root growth instead of the excessive vegetative growth associated with other types of nitrogen.

**Nitro Plus - Turf** gives quick emergence, strong healthy root systems, better establishment, increased disease resistance and extended life of the plant.

Advantages of **Nitro Plus - Turf** include:

- Increased turf quality
- Good establishment - even in stress conditions.
- Drought and disease resistance
- Strong root growth
- Improves saline and sodic soils

### **Recommendations**

▶ **First two (2) applications, with irrigation water:**

- 1<sup>st</sup> application: Apply 100 litres per hectare (preferably after clipping).
- 2<sup>nd</sup> application: After 3 to 4 weeks from the 1<sup>st</sup> application.

▶ **Third application thereafter, with irrigation water (for maintenance):**

- Apply 50 litres per hectare (preferably after clipping), every 4 weeks thereafter.



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### **The maintenance of grass on athletic fields is very difficult. This is due to two reasons:**

1. The heavy traffic across the grass and the compaction of the grass in the soil
2. The close cutting or clipping of the grass as well as continuous clipping.

The grass is normally well fertilized with a proper amount of nutrients. The problem is that the grass does not grow roots fast enough to give a good netting. The netting of the roots is very essential to the stability of the turf. This is a common problem on most athletic fields.

The lack of proper netting causes the grass and turf to be uprooted by the athletic shoes. The continuous traffic on such grass will also cause the grass to die leaving large bare spots.

This is of a particular problem in covered sports stadiums where adequate sunlight may not be present for the grass to maintain its hormonal balance.

### **Following is our suggestions for treating grass on athletic turf fields:**

Apply 10 liters of **Nitro Plus Turf** containing the proper hormone balance for every 4000 square meters of athletic turf. Make application immediately after clipping grass. Under no circumstances, however, should the product be used more than one time every 14 days. Use sufficient water in order to get penetration of the product down into the root system of the turf.

