Forti-Phite Ignite contains 10% phosphate and 16% phosphite* for enhanced turf quality, energy, and resistance to stress. By providing both nutritional phosphate as well as metabolic enhancing and stress fighting phosphite, Forti-Phite Ignite is an excellent choice for overseeding, grow-ins, or for problem areas that require a boost to root development and enhanced growth. Oligosaccharides are added to induce SAR (systemic acquired resistance) which enhances stress resistance and root growth.

**PHOSPHATE:** phosphorous in the phosphate form is critical for the synthesis of adenosine diphosphate (ADP) and adenosine triphosphate (ATP), ribonucleic acids (RNA), deoxyribonucleic acids (DNA), and phytin. ADP and ATP are essential in energy storage and transfer reactions. They provide the energy required by all biological processes. RNA and DNA are the two nucleic acids components of the genetic information. Phosphorus plays an important role in root health and the ability of plants to better tolerate soil born diseases. Roots flourish when adequate phosphorus exists.

**POTASSIUM PHOSPHITE:** phosphorous in the phosphite form is a systemic stress and decline fighter. Containing no available phosphate, this form of phosphorous provides supplemental potassium, increased plant vigor and enhanced stress resistance.

**OLIGOSACCHARIDES:** these short chain carbohydrates are known to elicit a SAR (systemic acquired resistance) response in plants. By eliciting a SAR response, plants become more resistant to stress and decline and tend to have enhanced rooting under stress conditions.

**BENEFITS FOR YOUR TURF**

**STRESS RESISTANCE:**
- Increased metabolism
- Defense mechanism signaler
- Assists in combating turfgrass decline

**INCREASED ENERGY RESERVES:**
- Elevated levels of ATP production
- Recovery from stress damage & decline
- Increased nutrient utilization
- Increased root development

**FORTI-PHITE IGNITE 3-26*-15**

- Total Nitrogen (N) .................................................. 3.0%
- Ammoniacal nitrogen 3.0%
- Available Phosphate (P2O5) ................................ 10.0%
- Soluble Potash (K2O) .......................................... 15.0%

*Derived from:* ammonium polyphosphate, potassium phosphite, autolyzed yeast extract.

**Rates:** Apply 6-8 oz. per 1,000 sq.ft. every 14-21 days. Apply weekly during grow-ins.