

Starter - 12-24-10 (25% XCU)

This product is a fertilizer containing 12 percent nitrogen, 24 percent phosphorus, and 10 percent potassium. Twenty five percent of the nitrogen is derived from XCU, a polymer coated, sulfur-coated urea (PCSCU). This product contains no pesticides.

Nitrogen in this fertilizer comes from three sources: urea nitrogen (0.2 percent), XCU PCSCU (2.5 percent), and ammoniacal nitrogen (from ammonium phosphate) (9 percent).

Urea is obtained by reacting carbon dioxide with anhydrous ammonia at high pressure and temperature. Urea is highly water soluble and is a “quick-release” form of nitrogen.

The XCU PCSCU consists of a granule of urea coated with a thin coating of elemental sulfur, both covered by a polymer wax. These coatings provide a slow release of the nitrogen (urea) that permits maximum uptake and use of the nitrogen nutrient while minimizing losses due to leaching, volatilization or excessive turf growth.

Ammonium phosphate is obtained through mixing of concentrated solutions of ammonia and phosphoric acid. Ammonium phosphate is a “quick-release” form of nitrogen.

Phosphate in this fertilizer also comes from ammonium phosphate.

Potassium in this fertilizer is in the form of muriate of potash (potassium chloride), which comes from mined sources.