



What is a "Plant Defense Activator"?

Plants have a natural, built-in defensive system for combating environmental stresses brought on by disease, insects, drought or other weather extremes.

Certain molecules applied to plants can actually activate the plant's built-in defensive system ahead of the actual stress occurrence.

Inducing the plant to activate its own complex defensive system is called Systemic Acquired Resistance or abbreviated: "SAR":

How does AXON work?

AXON activates the immune system by stimulating receptors on the leaf that cause the plant to react as if it is under fungal attack. Administering AXON begins a cascade of events which heighten the cellular immune response. It stimulates the production of phytoalexins that bolsters the plant's immune system.

Is AXON a fungicide?

NO. As a result of nutritional action of the propriety formula of mineral and certain amino acid combination, AXON works by nutritionally increasing the plant's own self defense system.

But AXON is often used in association with fungicides and acts as an adjuvant, increasing the fungicide's performance and value.

The Non-Plant Food ingredients consist primarily of L-amino acids. Plants use energy to synthesize their own amino acids. Direct application of amino acids in the L form results in a net energy savings that can then be channeled to other essential process such as photosynthesis and root growth.

Oligosaccharides act as chemical messengers to signal the plant of an impending fungal attack and gives time to bolster its defenses. Kelp extracts contain natural hormones affecting root growth and tillering.

AXON represents a new wave of nutritional management for plants. In the past basic nutrients such as, NPK and micronutrients, have addressed only the mineral nutrition of the plant. AXON's unique mineral and biological make-up not only nourishes, but also provides biologically active molecules

that target plant defense.

When used according to directions and in a repetitive program, AXON will enhance plant vigor and induce plants to activate its own self defense system.



0-0-6 Fertilizer

AXON is a supplemental liquid fertilizer containing Potassium, Kelp Extracts, Humic Acids, Iron Chelate, Blackstrap Cane Molasses and Amino Acids.

General Information: AXON is a specially formulated liquid potassium fertilizer designed for turf and ornamentals. It is intended to encourage rooting, green-up without growth surge and increased stress tolerance. Humic Acids and Amino Acids are added to increase nutrient availability. Kelp Extracts and Blackstrap Cane Molasses are added as a natural source of nutrients.

GUARANTEED ANALYSIS:

Soluble Potash (K ₂ O).....	6.0%
Iron (Fe).....	1.4%
Chelated Iron (Fe).....	1.4%

Derived from: Potassium Acetate, Potassium Hydroxide, Iron Sulfate, Kelp Extracts from *Ascophyllum nodosum*, Blackstrap Cane Molasses and citric acid chelating agent. F-1251

CONTAINS NON-PLANT FOOD INGREDIENTS:

Humic Acids (Derived From Leonardite Ore).....	15.0%
Amino Acids (alanine, arginine, aspartic acid, cystine, glutamic acid, glycine, histidine, isoleucine, leucine, lysine, methionine, phenylalanine, proline, serine, threonine, tryptophan, tyrosine, valine).....	1.0%

**CAUTION
KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED
SHAKE BEFORE USE**

Net contents:
2.5 gallons
Net weight:
9.6 lbs / gallon

Manufactured by:

Terra Nova Turf Products: a division of Organic Laboratories, Inc.
2963 SE Dominica Terrace, Stuart, FL 34997 772-781-7489 www.organiclabs.com



↓ OPEN HERE ↓

GENERAL DIRECTIONS: Tank Mix Instructions: Fill the spray tank $\frac{3}{4}$ full of water, then add desired amount of Axon. After diluted, add any other products to be tank mixed and top off the tank with water.

WARM AND COOL SEASON TURFGRASS		
Applications	Rate	Comments
Tees and Greens	3-6 oz per 1,000 square feet	Apply every 7-21 days
Fairways and Athletic Fields	2½ gallons per acre	Apply every 21-30 days
Grow-in, Renovation, & Overseeding	6 oz per 1,000 square feet	Apply 3 days after seeding or sprigging, and thereafter every 7 days until turf is established.

NURSERY AND ORNAMENTALS		
Applications	Rate	Comments
Foliar Feeding	2-4 Quarts	Mix with 100 gallons of water and spray to run-off
Soil Drench	1 Gallon	Dilute with 100 gallons of water and apply sufficient amount to moisten the root zone
Transplanting	1 Gallon	Dilute with 100 gallons of water and apply to root ball or back-fill at the time of planting. Apply 1 gallon of diluted solution per 1 inch of trunk caliper

CONDITIONS OF SALE - LIMITED LIABILITY LIMITATION OF LIABILITY AND REMEDIES

Seller warrants that this product conforms to the chemical description as stated on the label. The product is reasonably fit for the purpose stated on the label when used in accordance with label directions and instructions under normal conditions of use. Insufficient control of pests and / or crop injury may result from the occurrence of weather conditions or from failure to follow the label directions, or good application practices, all of which are beyond the control of the seller. The seller makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose.

The exclusive remedy against the seller for any cause of action relating to the handling or use of this product is a claim for damage and in no event shall damages against the seller exceed the price of the product.

The seller offers this product and the buyer and user accepts it, subject to the foregoing conditions of sale and limitation of warranty, liability, and remedies.