



# Nforce





## N-Force benefits compared with other liquid fertilizers

- ✓ **SMELL**  
Does not leave offensive odor.
- ✓ **NITROGEN**  
Over 3 times more Organic Nitrogen!
- ✓ **STABLE**  
Slow release, long lasting, Nitrogen source.
- ✓ **NUTRIENTS**  
More essential macro and micro nutrients.
- ✓ **AMINO ACIDS**  
100% derived from L-Amino Acids
- ✓ **CHELATING EFFECT**  
Simplifies micronutrient absorption & transportation inside the plant.
- ✓ **SOLUBLE**  
Does not clog spray and drip irrigation equipment.

**Genesys N-Force** is a fertilizer for plants based on amino acids that is approved for use in Organic Crop Production under USDA National Organic Program Standards. The action of L-amino acids used for plant growth optimizes growth potential of the plant. **Genesys N-Force** is a very stable N source that is healthy for plants. Also **Genesys N-Force** is non-toxic for animals, pets, and children and after application it does not leave behind the awful odor of typical fish and manure products.

## Key benefits of Genesys N-Force

- Does not smell like other Fish and manure based products
- Formulated for both soil In-Furrow and Foliar Feeding applications
- Not manure based, so no food or feed harvest interval required.
- Provides slow even release of nutrients

## Includes essential L-Amino Acids that provide the following benefits:

- Contain L-Amino acids which are the most biologically active and are preferred by the plant
- Free amino acids stimulate the formation of chlorophyll, vitamins, and various enzymatic systems
- L-Amino acids applied in early spring, help the plant tolerate later season stress
- Improves tolerance to water stress during hot and dry conditions
- Reduces stress induced plant aging for extended health and quality

## Effect of Amino Acids on Plants

Every plant like any organism needs certain components for growth over and above soil, sun, rain and air. The basic component of living cells is Proteins, with building block material, Amino Acids. Proteins are formed by sequence of Amino Acids.

Even though plants have the inherent capacity to biosynthesize all of the amino acids that they require from nitrogen, carbon, oxygen, and hydrogen, the biochemical process is quite complex and energy consuming. As such, the application of amino acids such as those contained in N-Force allow the plant to save energy on this process, which can be dedicated to better plant development during critical growth stages.

Foliar feeding Amino Acids provide readymade building blocks for protein synthesis through the plant's stomata. Amino Acids are also supplied to plant by incorporating them into the soil which helps in improving the microflora of the soil thereby facilitating the assimilation of nutrients.

Amino Acids like those contained in N-Force are fundamental ingredients in a plant's protein synthesis process. The requirement of amino acids in essential quantities is well known as a means to increase yield and overall quality of crops.