

# At A Glance

## 11-37-0 Liquid Ammonium Polyphosphate

### Description

11-37-0 (APP) is an excellent source of Nitrogen and Phosphorous in easy to use liquid form. APP has a wide range of uses, can be applied through irrigation or directly into the rows before planting. With low volatility and leaching characteristics, APP is frequently used as a starter fertilizer in the early stages of crop growth or at seeding. 11-37-0 APP contains a combination of both Orthophosphate & Polyphosphate, plants are able to use this fertilizer source very effectively.

### Handling and Storage

This solution must be stored above their salting-out temperatures. Always conduct a jar test with new tank mixes to verify compatibility.

### Functions of Phosphorous in Plants

- Key role in photosynthesis
- Essential in root development
- Promotes the reproductive system

### Symptoms of Phosphorous Deficiency

- Reddish color of leaves (oldest first)
- Poor/Stunted growth
- Overall stunted growth & low yeild

### Shipping

Available in Bulk Tanker or IBC's



### Chemical & Physical Properties

Chemical Formula	NH <sub>4</sub> (P <sub>2</sub> O <sub>5</sub> )
CAS Number	68333-79-9
Color	Green
Odor	Little to no detectable odor
PH	6.0 ph
Salt out temp	40 F
Weight per Gallon	12.00 lbs/gal
Gallons per Ton	167 Gal/Ton

### Typical Analysis

Total Nitrogen	11%
11% - Ammoniacal	
Total Phosphorous	37%



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Product of USA

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