

# 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 & Storage

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

## Function of Phosphorous in Plants

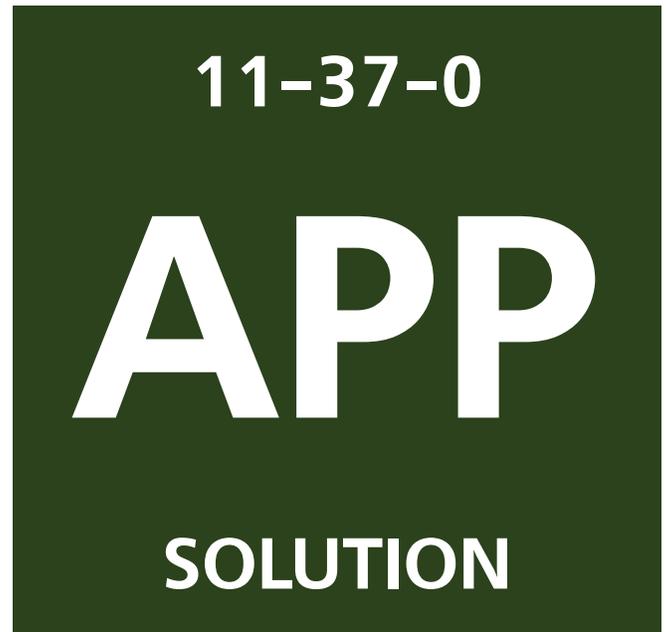
- Key role in photosynthesis
- Essential in root development
- Promotes the reproductive system

## Symptoms of Phosphorous Deficiency

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

## Availability

Bulk or IBCs



## Chemical & Physical Properties

Chemical Formula	NH <sub>4</sub> (P <sub>2</sub> O <sub>5</sub> )
CAS Number	68333-79-9
pH	6.0
Salt-Out Temperature	40°F
Color	Green
Odor	Little to no detectable odor
Weight per Gallon @ 60F (15.5°C)	12.00 lbs./gal
Gallons per Ton	167 gal/ton

## Typical Analysis

Total Nitrogen (N)	11.0%
11.0% Ammoniacal Nitrogen	
Total Phosphorous	37.0%

The data presented herein are believed to be accurate but are in no way guaranteed. TradeMark Nitrogen Corp. makes no warranties, express or implied, that any of the above data is fit for any particular use and expressly disclaims all oral warranties of any kind.



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