



HIGH PERFORMANCE
LIQUID NITROGEN AND
PHOSPHORUS





Tessenderlo Kerley International brings a unique range of high performance liquid, solid and soluble fertilizers for more precise plant nutrition to optimize crop yield and quality sustainably.

P-Sure® is a clear (or light green) colorless liquid ammonium polyphosphate solution that helps increase yields by satisfying a crop's essential need for nitrogen and phosphorus.

- A high concentration of nutrients and free of chloride
- Compatible with many fertilizer blends (except those containing calcium)
- Combines effectively with KTS® (potassium thiosulfate) to give a highly efficient NPKS starter fertilizer
- Low salting out temperature (SOT)
- Long shelf life

BENEFITS

Soil balance

- Helps facilitate phosphorus mobility in the soil
- Polyphosphate phosphorus is less prone to becoming blocked in the soil compared to other phosphorus fertilizers

Crop quality

- Increased stalk and stem strength
- Improved flower formation and seed production
- More uniform crop and earlier maturity
- Stimulates root development

Nutrient uptake

- Increased nitrogen fixing capacity
- 50% P in the orthophosphate form that is immediately available for plants
- 50% P as a long chain polyphosphate available for plants over a period covering a few days to a few weeks

Liquid fertilizer benefits

- Easy to handle and safe to use
- Cost effective and environmentally friendly
- Fully compatible with irrigation systems and sprayers
- Does not plug drip lines or spray nozzles

SPECIFICATIONS

- N (w/w) as ammoniacal nitrogen	11%
- P ₂ O ₅ (w/w)	37%

TYPICAL PROPERTIES

- Appearance/color	Clear, green or colorless
- pH range	6 - 7
- Density range (at 25°C)	1.41 kg/l - 1.47 kg/l
- Density (at 25°C)	1.44 kg/l
- Salt Out Temperature (SOT)	- 20°C
- N (w/v) as ammoniacal nitrogen	15.8%
- P ₂ O ₅ (w/v)	53.3%
- N (g/l) as ammoniacal nitrogen	158
- P ₂ O ₅ (g/l)	533

CONTACT INFORMATION

Our experts are familiar with your region and crops.

Their support includes:

- Agronomic advice
- Providing technical information
- Carrying out field studies that are specific to your issues
- Providing application and storage tips

For more contact information, please get in touch with:

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