

Product Information

NOVA LQ™

Liquid fertilizers

Our renowned line of Nova® water-soluble straight fertilizers is now available in a convenient liquid form. Nova LQ™ is specially crafted for fertigation and foliar applications. Like Nova, the Nova LQ line provides a range of options that promote healthy crop growth in an easy-to-use concentrated liquid form.

Nova LQ fertilizers stand out for their compatibility and superior performance. They offer a high degree of customization to tailor formulations for specific crop needs and soil conditions, including pH management. With a commitment to research and development, stringent quality control measures, and environmental sustainability, The Nova LQ line offers a comprehensive approach to optimizing crop yield and quality in diverse agricultural settings.

Portfolio advantages

- Ease of use: Ideal for various foliar, fertigation, and soil banding applications.
- Simplified handling and storage: Simplified logistics - no need to handle and solubilize dry materials.
- Versatility: Tailor nutrient formulations to your specific needs. With these liquid innovations, we empower growers to make strategic choices that align with operational preferences.

Featured products

- Nova HiPeak® LQ 0-20-20
- Nova PeKacid® LQ 0-27-9
- Nova PeKacid® LQ 4-17-4



Attention: As circumstances can differ and as application of products is beyond our control, ICL cannot be held responsible for any negative results. With this publication, all previous given recommendations expire. Before a new rate, product or application method is used, a small scale trial is recommended.



Nova LQ: Our liquid line based on trusted industry-leading water-soluble fertilizer formulations

Directions for use

The choice of application method depends on factors such as the crop type, growth stage, soil conditions, and the overall farming system. Generally, ICL's liquid fertilizers are applied through a few main methods common in commercial agriculture in the USA:

- Fertigation
- Foliar Application
- Starter, Side-dress, In-furrow
- Broadcast Application
- Variable Rate Application

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A VERSATILE LIQUID LINE BASED ON OUR SELECT INDUSTRY-LEADING WATER-SOLUBLE FERTILIZER FORMULATIONS

Nova PeKacid LQ 0-27-9

Acidifying Nova PeKacid liquid concentrate is perfect for when crops need a boost of phosphorus and potassium fertilizer.

- Rich source of phosphorus and potassium
- Acidifying effect prevents clogged lines and can clean fertigation systems
- Compatible with calcium-containing solutions

pH	1-2
Weight per gallon	11.2 lb
Guaranteed analysis	
Total Nitrogen	0%
Phosphorous Pentoxide	27%
Potassium Oxide	9%

Application rates vary. Refer to our website or speak to your local ICL representative for rates of Nova PeKacid LQ 0-27-9:

- as a nutrition source
- as an acidifier for irrigation systems
- as a pH buffer of fertigation solutions

Nova PeKacid LQ 4-17-4

A dual-purpose, high phosphorus liquid fertilizer addresses water quality issues plus provides Zn for enhanced root growth.

- Acidifying effect ensures total nutrient availability
- Provides the ideal N-P-K ratio, plus Zinc
- Promotes early crop development; ideal for establishing new plants

pH	2.5-3.5
Weight per gallon	10.26 lb
Guaranteed analysis	
Total Nitrogen	4%
Phosphorous Pentoxide	17%
Potassium Oxide	4%
Zinc	.75%

Application rates: As a starter fertilizer, use between 2-3 gal/A, modify according to local conditions and crop requirements.

Nova HiPeak LQ 0-20-20

High purity, liquid Nova HiPeak is our most highly concentrated phosphorous and potassium fertilizer.

- Safe to use, non-hazardous for you and your crop
- Chloride and sodium free, ideal for the most delicate crops
- Nitrogen-free, balanced PK source allows the user full control of the N-P-K analysis when blended with an N source

pH:	6.5-7.5
Weight per gallon	11.6 lb
Guaranteed analysis	
Total Nitrogen	0%
Phosphorous Pentoxide	20%
Potassium Oxide	20%

Application rates: The appropriate rate will vary by application type and crop. Speak to your local ICL representative for advice on rates and blending with a nitrogen source.



Why use liquid instead of water-soluble fertilizers?

Growers may choose liquid fertilizers over water-soluble alternatives for ease of use in large-scale applications such as fertigation, simplified handling and storage characteristics, and versatility in nutrient formulations. With select Nova products now available in dry, water-soluble, and concentrated liquid forms, growers can make a strategic choice that works best for their operations. Our product line expansion underscores our commitment to optimizing agricultural practices for enhanced crop productivity and yield by providing solutions that work for growers.