

Potato Product Line

Nanoliquid™ technology is a cutting edge technology that delivers nutrients or crop protection more efficiently into the plant either through root or foliar uptake. NLT-R is the specific type of patented nanoparticle technology engineered for driving chemistry. NLT-D is specifically engineered for driving nutrition.

NanoPro®

The nanoliquid carrier adjuvant for crop protection



Silicon dioxide and humic acid
4 oz/ac

NanoPro® utilizes Aqua-Yield® NLT-R technology, working as a carrier adjuvant that is specifically designed to improve crop protection efficacy and uptake. NanoPro® is most effective when combined with systemic chemistry (herbicide, pesticide, fungicide, and defoliant) to improve efficacy, cover more acreage and minimize repeat applications.

NanoN+™

Nanoliquid technology for improved nutrient use efficiency



1-0-0 | 2-6 oz/ac

NanoN+™ utilizes Aqua-Yield® NLT-D technology that is specifically designed to improve nutrient efficiency and uptake to improve crop yield and quality. When NanoN+™ is deployed into nutrient programs on potatoes, growers can manage their nutrients more efficiently. Balancing nitrogen throughout early growth is critical for tuber formation and plant health.

NanoCS™

The nanoliquid crop starter enhancer



1-2-1-3Zn | 4-6 oz/ac

The nanoliquid crop starter enhancer NanoCS™ utilizes a robust combination of Aqua-Yield® NLT-D technology, balanced NPK and zinc in one easy to use product. NanoCS™ delivers essential nutrients into the seed for rapid germination and growth. Continued uptake occurs in young seminal roots, improving the amount of nutrients getting into the young seedling for quicker emergence.

NanoK®

Nanoliquid technology for improved potassium use efficiency



0-0-21 | 4-6 oz/ac

NanoK® delivers potassium acetate through Aqua-Yield® NLT-D technology to provide potassium to crops all season long. Applying NanoK® improves potassium absorption into the plant where it plays a critical role in the movement of sugars into tubers for starch production. Potassium also plays a key role in overall quality of the tuber. NanoK® also decreases drought stress and boosts the plant's immune system to fight off disease.

NanoPack®

Nanoliquid technology delivering a blend of essential micronutrients



0.5Cu-2Fe-1Mn-1Zn | 2-6 oz/ac

NanoPack® delivers copper, iron, manganese, and zinc through Aqua-Yield® NLT-D technology. NanoPack® brings critical micronutrients to plants when soil levels are low. When applied throughout the growing season, NanoPack® prevents nutrient deficiencies that limit crop yield while boosting plant metabolism and overall health. The plant either through root or foliar uptake.

NanoCaSi®

Nanoliquid technology for improved calcium use efficiency



6Ca | 2-6 oz/ac

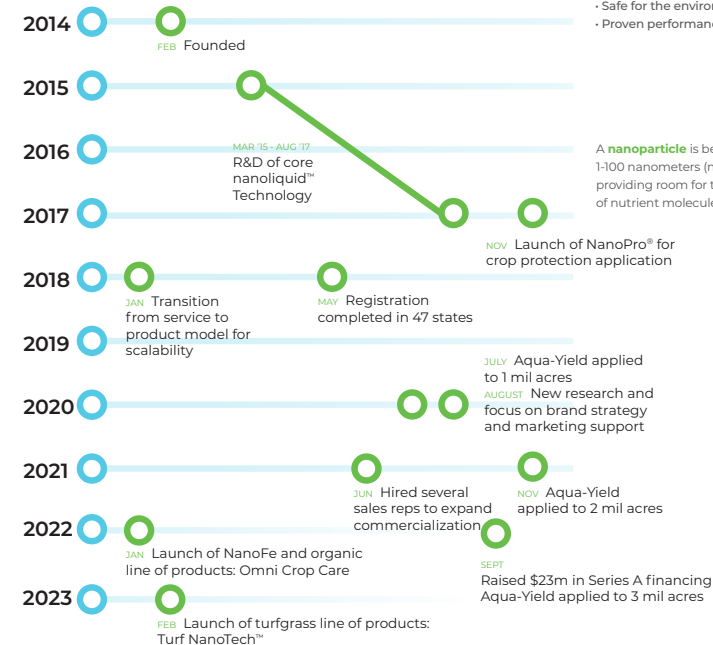
NanoCaSi® makes delivery of calcium possible when selective plant uptake restricts calcium absorption by the roots. Aqua-Yield® NLT-D technology is perfectly matched for calcium delivery on potatoes, positively impacting quality and skin set, both of which are critical for long-term storage.



NANOLIQUID™ DELIVERY TECHNOLOGY FOR YOUR POTATO CROP

AN OVERVIEW

OUR TIMELINE

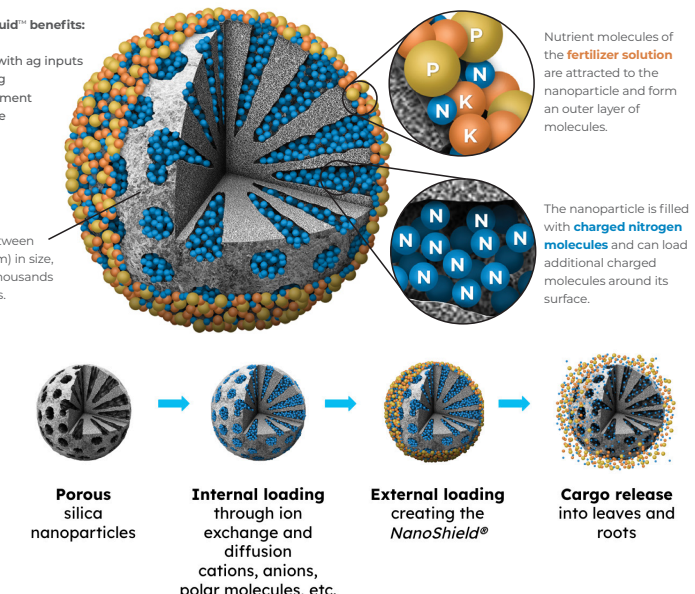


OUR TECHNOLOGY

Aqua-Yield® nanoliquid™ benefits:

- Less salt applied
- Highly compatible with ag inputs
- Clean, easy handling
- Safe for the environment
- Proven performance

A **nanoparticle** is between 1-100 nanometers (nm) in size, providing room for thousands of nutrient molecules.



Through endocytosis, one nanoparticle can deliver a thousand nutrient ions, whereas in the typical process of diffusion or active transport each nutrient ion must individually pass through the cell membrane.

