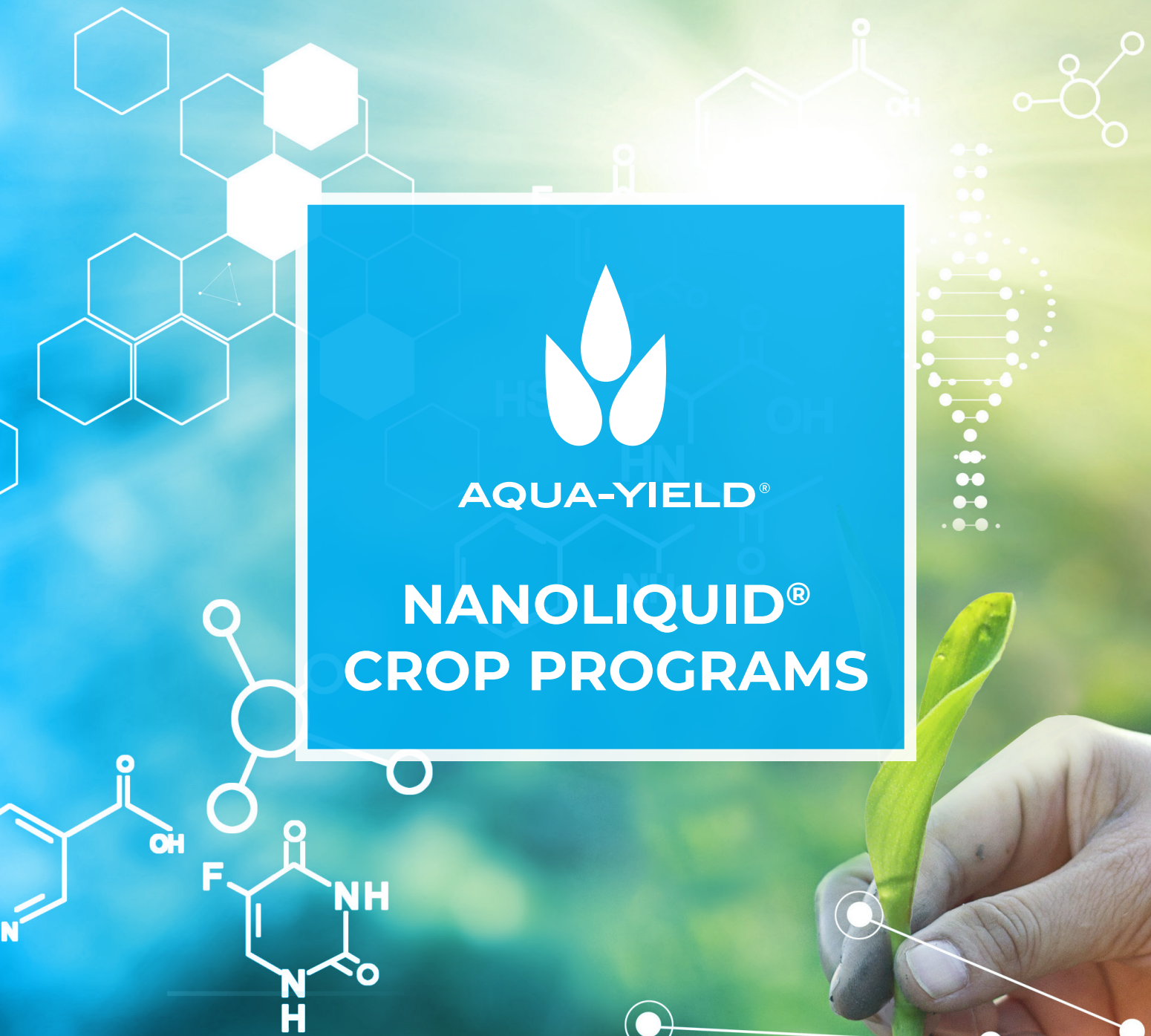




AQUA-YIELD®

NANOLIQUID®
CROP PROGRAMS



ECO
ERICKSON CUSTOM
OPERATIONS



701-371-7184

erickson.customoperations@outlook.com
www.ericksoncustomoperations.com

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NANOLIQUID® CROP PROGRAMS

Adding our nanoliquid products into your current fertility and crop protection program is easy. Our solutions enhance the efficiency of your current crop inputs without disrupting your current approach. Our general application rate is 2-6 oz/ac. Application recommendations may vary based on soil or in-season tissue testing.

CROP	NANOLIQUID® PROGRAM
ALFALFA	<p>Crop Summary: Nanoliquid® products increase yield and forage quality through enhanced nutrient uptake and improved pesticide and herbicide efficacy.</p> <p>Top Products: NanoPro®, NanoN+®, NanoStress®</p> <p>Recommended Application: Foliar</p> <p>Recommended Timing: Apply in conjunction with nutrient and pesticide applications.</p>
CORN	<p>Crop Summary: Nanoliquid® products increase corn yield by providing strong establishment, enhancing nutrient uptake, increasing pesticide efficacy, and reducing crop stress.</p> <p>Top Products: NanoPro®, NanoCS™, NanoK®</p> <p>Recommended Application: In-furrow, foliar</p> <p>Recommended Timing: Apply NanoCS™ at planting and other nanoliquid® products during V4-V5 for optimal result.</p>
EDIBLE BEAN	<p>Crop Summary: Nanoliquid® products increase yield for edible beans through enhanced nutrient uptake, reduced crop stress, and improved pesticide efficacy.</p> <p>Top Products: NanoPro®, NanoN+®, NanoStress®</p> <p>Recommended Application: Drip, foliar</p> <p>Recommended Timing: Apply NanoN+® with liquid nutrient applications all season. Apply NanoPro® with all pesticide applications. Apply NanoStress® during extreme heat and drought conditions.</p>
POTATO	<p>Crop Summary: Nanoliquid® products promote higher tuber counts, larger tuber size, improved fungicide efficacy, and higher yield for potato crops.</p> <p>Top Products: NanoPro®, NanoN+®, NanoCaSi®</p> <p>Recommended Application: In-furrow, foliar</p> <p>Recommended Timing: Apply in conjunction with nutrient and pesticide applications.</p>
SOYBEAN	<p>Crop Summary: Nanoliquid® products provide strong rooting, higher pod counts, and better stress tolerance for soybean crops.</p> <p>Top Products: NanoPro®, NanoN+®, NanoK®</p> <p>Recommended Application: Foliar</p> <p>Recommended Timing: Apply at planting and R1-R3 for optimal result.</p>
SUGAR BEET	<p>Crop Summary: Nanoliquid® products increase yield and sugar content and improve fungicide efficacy for sugar beet crops.</p> <p>Top Products: NanoPro®, NanoN+®, NanoK®</p> <p>Recommended Application: Foliar</p> <p>Recommended Timing: Apply NanoN+® at planting with liquid starter blends. Apply NanoPro® or NanoK® with all foliar fungicide applications.</p>
WHEAT AND GRAINS	<p>Crop Summary: Nanoliquid® products increase yield and quality through enhanced nutrient uptake and improved pesticide and herbicide efficacy. The result is reduced weed pressure, and reduced lodging in conjunction with PGR applications.</p> <p>Top Products: NanoPro®, NanoN+®, NanoStress®</p> <p>Recommended Application: Foliar</p> <p>Recommended Timing: Apply in conjunction with nutrient, pesticide and PGR applications.</p>

UNLOADED NANOLIQUID® PRODUCTS

NanoPro®

The nanoliquid carrier adjuvant for crop protection

Silicon dioxide and humic acid

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) to improve efficacy, cover more acreage and minimize repeat applications.

NanoN+™

1-0-0

Nanoliquid technology for improved nutrient use efficiency

NanoN+™ utilizes Aqua-Yield® NLT-D technology that is specifically designed to improve nutrient uptake and efficiency along with crop quality and yield potential. NanoN+™ is most effective when combined with liquid fertilizer blends to protect nutrient availability and deliver them more efficiently into the plant.

MACRONUTRIENT NANOLIQUID® PRODUCTS

NanoPhos® 0-47-0

Nanoliquid for improved phosphorus efficiency

NanoPhos® uses Aqua-Yield® NLT-D technology to deliver phosphorus directly to crops. This product offers highly efficient phosphorus delivery where soil conditions limit plant uptake. Applying NanoPhos® ensures a strong root system and will result in faster plant growth, increased flowering, and fruit set.

NanoK® 0-0-21

Nanoliquid for improved potassium efficiency

NanoK® delivers potassium acetate through Aqua-Yield® NLT-D technology to provide potassium to crops all season long. Potassium is a vital nutrient for plant growth. Applying NanoK® ensures a strong plant structure resulting in enhanced crop quality and yield. NanoK® also decreases drought stress and boosts the plant's immune system to fight off disease.

NanoCS™ 1-2-1-3 Zn

The nanoliquid crop starter enhancer

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.

MICRONUTRIENT NANOLIQUID® PRODUCTS

NanoFe™ 4Fe

Nanoliquid for improved iron use efficiency

NanoFe™ delivers a boost of EDTA chelated iron through Aqua-Yield® NLT-D technology. Iron mobility is often limited, but NanoFe™ makes delivery of iron possible when selective plant uptake restricts iron absorption by the roots during critical growth. NanoFe™ supports “green” development while supporting respiration, photosynthesis, and chlorophyll formation. Iron is a key component of nodule nitrogen fixation.

NanoZn® 9Zn

Nanoliquid for improved zinc use efficiency

NanoZn® delivers a boost of EDTA chelated zinc through Aqua-Yield® NLT-D technology. Zinc mobility is often limited, but NanoZn® makes delivery of zinc possible when selective plant uptake restricts zinc absorption by the roots during critical growth. NanoZn® supports healthy development while improving plant metabolism, seed quality, and cold tolerance.

NanoGro® 7-10-1

Nanoliquid for season long soil and plant health

NanoGro® delivers a robust blend of biostimulant and NPK through Aqua-Yield® NLT-D technology. This helps speed up germination to provide fast, strong establishment of all crops, and stimulate growth all season long. NanoGro® is a completely unique and powerful product for superior crop growth and yield potential.

NanoStress® 0-17-21

Nanoliquid delivery of phosphorous and potassium at critical growth stages

NanoStress® delivers potassium and phosphorus energized through Aqua-Yield® NLT-D technology to reduce plant stress during critical times in the growing season. NanoStress® is a powerful combination of phosphorus and potassium that absorbs directly to the plant where environmental conditions limit plant uptake. When plants are stressed by extreme weather, NanoStress® speeds up recovery and boosts vigor so plants continue to mature.

NanoCalSi® 6Ca

Nanoliquid for improved calcium use efficiency

NanoCalSi® 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 fruits, vegetables, and turf. NanoCalSi® will also improve fruit set and uniform fruit development for higher quality.

NanoPack® 2 S-.07Cu-2Fe-1Mn-1Zn

Nanoliquid delivering a blend of essential micronutrients

NanoPack® delivers sulfur, 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.



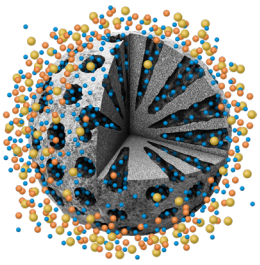
DELIVER MORE

with nanoliquid® technology
by Aqua-Yield®



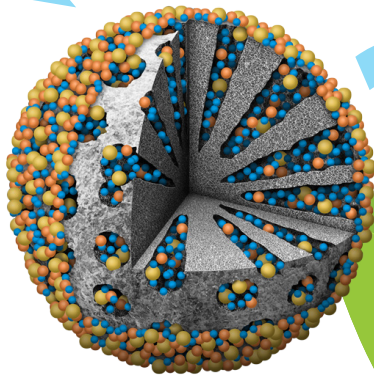
SCAN THE CODE TO LEARN HOW ▶

MIX

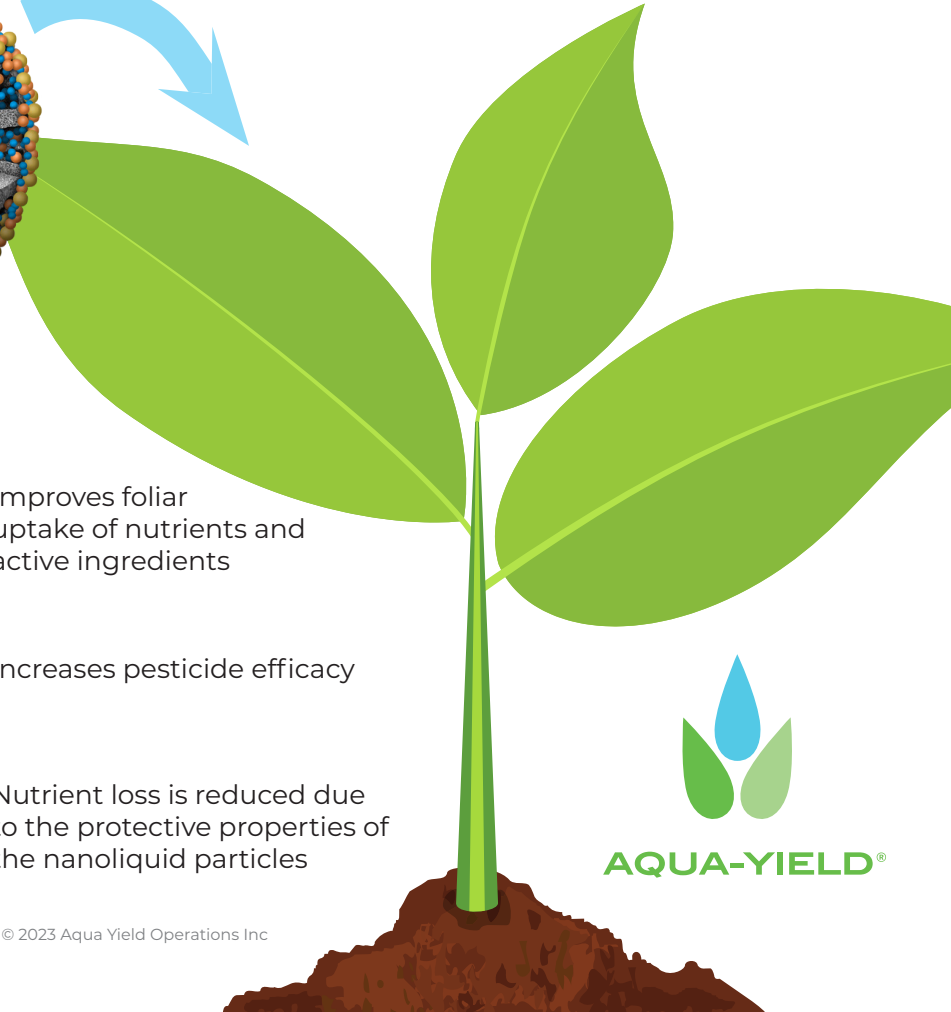


Nanoparticles <math><100\text{ nm}</math> in size make nanoliquids superior for plant delivery

LOAD



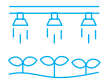
DELIVER



Spring: Use nanoliquid products with starter fertilizers

Summer: Use nanoliquid products with foliar crop protection and supplemental fertilizer applications

Fall/winter: Use nanoliquid products with herbicides and crop micronutrients



Improves foliar uptake of nutrients and active ingredients



Increases pesticide efficacy



Nutrient loss is reduced due to the protective properties of the nanoliquid particles



AQUA-YIELD®