

# PRODUCT INFORMATION



## Tronic®

### Nonionic Surfactant

#### Unique Vegetable Derived Nonionic Surfactant and Crop Oil Replacement

#### GENERAL INFORMATION

Tronic is a premium high concentrate 95% active low-foaming nonionic surfactant which will replace crop oil and modified seed oil concentrates.

Tronic is a unique surfactant which improves the deposition and penetration of active ingredients into the target plant.

Tronic contains free fatty acids to improve rain fastness and wash-off resistance.

Tronic is designed for use with herbicides, insecticides, fungicides, defoliants, desiccants, plant growth regulators, and any other crop protection product where an oil concentrate or a nonionic surfactant is required or recommended.

An integrated antifoaming system helps minimize foam in the spray tank.

When used according to the Directions for Use, Tronic is compatible with most pesticides and fertilizers.

#### USE RATES

For pesticides where an oil concentrate is recommended, use the following rates:

**Ground Application:** 1 to 3 pints per 100 gallons of spray solution.

**Air Application:** 4 to 8 ounces per acre. Refer to pesticide label for minimum water volume per acre.

**Aquatic Application:** 2 to 4 pints per 100 gallons of spray solution.

#### TECHNICAL INFORMATION

**Net Weight:** 8.42 lbs/gal

**Specific Gravity:** 0.98-1.01

**Flashpoint:** >200°F TCC

**pH:** 4-6

**Solubility in Water at 20°C:** Emulsifies

**Color & Appearance:** Clear Liquid

**Odor:** Fatty

**Storage Temperature - Minimum:** 40°F

**Storage Temperature - Maximum:** 120°F

**DOT/IMDG Transportation:** Not Regulated

**Registered With CDPR:** Yes

**Registered With WSDA:** Yes



This product has been reviewed and approved by the CPDA (Council of Producers and Distributors of Agrotechnology).

#### PRINCIPAL FUNCTIONING AGENTS

Vegetable oil ethoxylate, tall oil fatty acids.....95.0%  
Surfactant Content...85.0%



#### PACKAGING

4 x 1 gallon jugs  
36 cases per pallet  
Item#: TRON01

2 x 2.5 gallon jugs  
36 cases per pallet  
Item#: TRON02

30 gallon drum  
5 drums per pallet  
Item#: TRON30

#### QUANTUM Technology

QUANTUM



Tronic is part of the QUANTUM Adjuvant Technology. QUANTUM can serve as a low use-rate replacement for crop oil, methylated seed oil and nonionic surfactants. Always follow pesticide label instructions regarding adjuvant use.



COLEX-D™ technology

HERBICIDE

Approved for use with Enlist One is a registered trademark of Corteva CropScience.



Approved for use with Xtendimax, a registered trademark of Bayer.



**KALO**

Tronic is a registered trademark of KALO, Inc. Quantum is a trademark of KALO, Inc. KALO, Inc., 13200 Metcalf Ave, Suite 250, Overland Park, KS 66213 • www.kalo.com  
Important: This information is not a substitute for the label. Always read and follow label instructions.

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# Tronic<sup>®</sup>

**A Unique Vegetable Derived Nonionic Surfactant and Crop Oil Replacement**

## PERFORMANCE OF AN OIL / CROP SAFETY OF A SURFACTANT

**Tronic** is an adjuvant for use with pesticides that recommends either a crop oil concentrate OR a nonionic surfactant.

## A NEW TYPE OF MODIFIED SEED OIL ADJUVANT

**Tronic** is NOT just another MSO blended with a new surfactant emulsifier or specialty inert ingredient; it is a patented technology, representing a new approach in adjuvant development.

## IMPROVES THE EFFICACY OF POST-EMERGENCE PESTICIDES

**Tronic** is very well positioned with systemic fungicides and insecticides; gets product into the plant much more efficiently. **Tronic** is the perfect choice for herbicides that suggest the use of surfactants under favorable growing conditions OR a crop oil/MSO under stress conditions.

## HIGHER LEVEL OF CROP SAFETY

**Tronic** is ideally suited for spray applications on sensitive and high-value species demanding great performance.

## LOWER USE RATES / LESS BURN

Use **Tronic** at 1 to 3 pints per 100 gallons.



QUANTUM

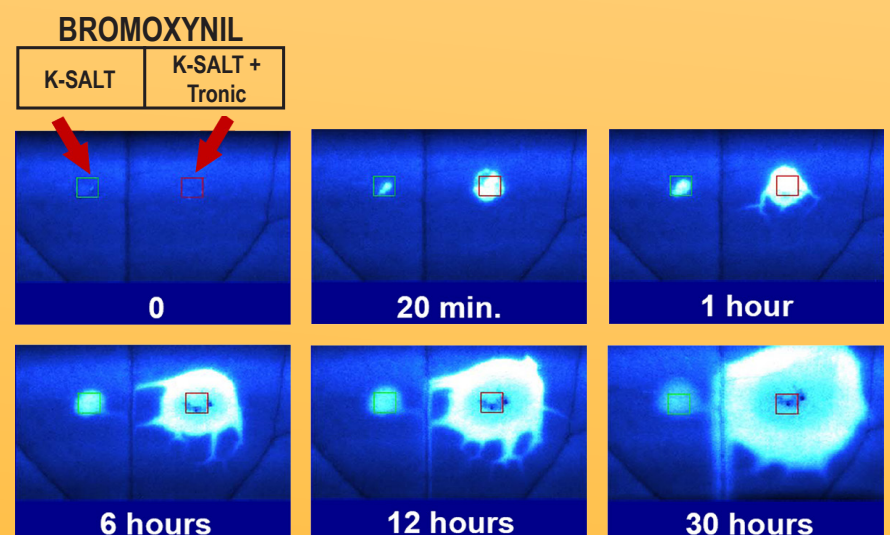
### Tronic contains QUANTUM™ Adjuvant Technology

QUANTUM serves as a translocator and a low use-rate replacement for crop oil, methylated seed oil and nonionic surfactants.

### TRONIC ENHANCING FOLIAR UPTAKE OF BROMOXNYL POTASSIUM SALT AFTER 5 HOURS ON BLACK NIGHTSHADE

This radio-active isotope photo shows translocation of Tronic mixed with Bromoxnyl moving through the leaf of Black Nightshade weed.

It took 20 hours for the same Bromoxnyl, mixed with traditional nonionic surfactant, to translocate within the plant.



**5 hours vs. 20 hours = 4X faster uptake for Tronic!**

4X faster than traditional nonionic surfactant.  
5 hours for uptake vs. 20 hours for standard NIS.

**Tronic Is Approved For Aquatic Use!**