



AMS + NIS MAX

HIGH-PERFORMANCE SURFACTANT

Synsus AMS + NIS Max with Shield Tech is a premium nonionic ammonium sulfate surfactant that outperforms other fluflosinate AMS surfactants. It prevents hard water mineral antagonism while also providing the Shield Tech benefits of improved spray deposition and superior retention on the leaf surface.

This advanced formulation extends availability of applied agrochemicals, maximizing plant uptake.

AMS + NIS Max is formulated for use with glyphosate, glufosinate, dicamba & 2, 4-D, sulfonylurea herbicides, and HPPD inhibitors.

USE RATES

Rates vary based on conditions such as water hardness, application method, and weather. Do not add at a rate that exceeds 5% of finished spray volume.

Gallons AMS + NIS Max Per 100 Gallons	% AMS + NIS Max	Lbs of AMS per 100 gallons
2.50	2.5%	8.00
5.00	5.0%	17.00

PRINCIPLE FUNCTIONING AGENTS

Ammonium sulfate, alkyl polyglycoside, polydimethylsiloxane47.00%

PACKAGING

2 x 2.5 gallon jugs | 36 cases/pallet



Improves performance and protects efficacy of applied agrochemicals.

SHIELDTECH



SYNSUS SHIELD TECH



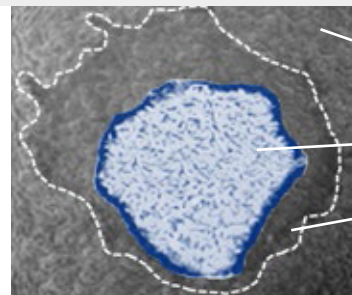
PROTECT EFFICACY OF AGROCHEMICALS

Shield Tech is an improved, high-performance nonionic wetting agent and solubilizer that protects the efficacy of applied agrochemicals. Compared to other surfactants, formulations with Shield Tech:

- Increase uptake of applied agrochemicals through superior retention of drops on leaf surface
- Retard formation of crystals as spray dries, extending timeframe for micronutrient absorption
- Retain effectiveness of defoamer for more efficient spraying
- Eliminate need for humectants
- Don't contribute to drift

SUPERIOR RETENTION ON LEAF SURFACE

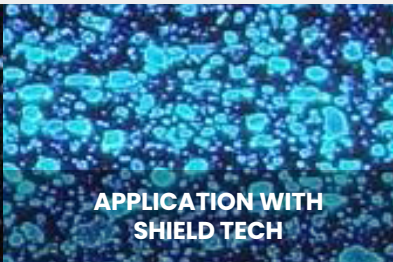
Spray droplets don't spread on the leaf surface and are retained longer for optimal uptake.



LEAF SURFACE
SPREAD WITH SHIELD TECH
SPREAD WITH APG



APPLICATION WITHOUT SHIELD TECH



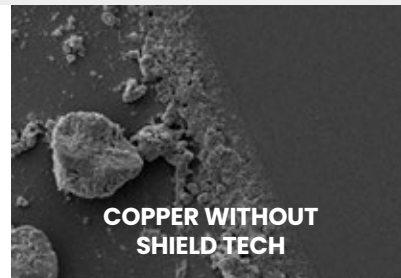
APPLICATION WITH SHIELD TECH

IMPROVED COVERAGE WITHOUT DRIFT

Shield Tech improves coverage and deposition of spray applications to increase efficacy of applied agrochemicals. Products with Shield Tech don't contribute to drift.

REDUCED CRYSTALLIZATION

As spray dries on the leaf surface, Shield Tech retards crystal formation, allowing for greater uptake.



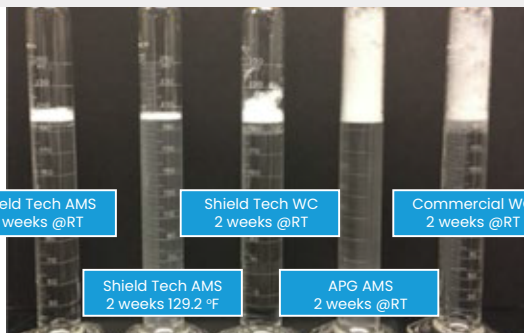
COPPER WITHOUT SHIELD TECH



COPPER WITH SHIELD TECH

NO "RING AROUND THE TOTE"

Shield Tech extends the efficacy of defoamer, even when stored at high temperatures for extended periods of time.



Shield Tech AMS
2 weeks @RT

Shield Tech WC
2 weeks @RT

Commercial WC
2 weeks @RT

Shield Tech AMS
2 weeks 129.2 °F

APG AMS
2 weeks @RT