

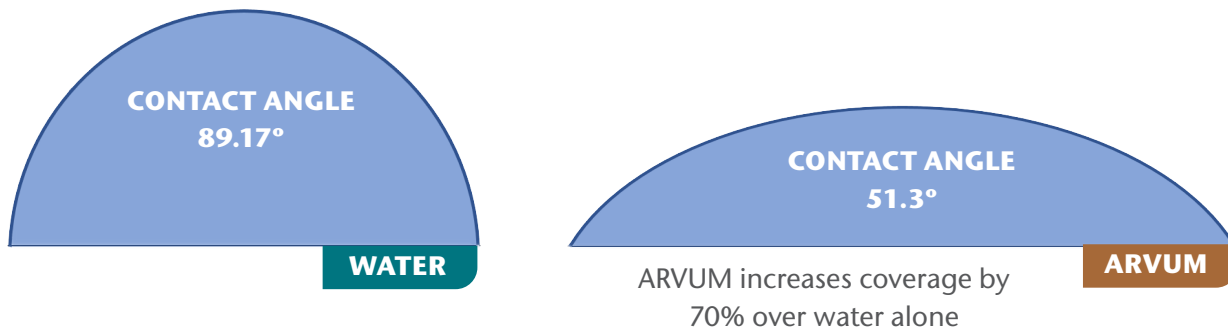
ARVUM™

Nonionic Surfactant & Humectant

ARVUM™ is a high-load, NPE/APE-free nonionic surfactant based on the same type of in-can adjuvants used with some modern strobilurin fungicides. NPE/APE-free surfactants provide peace of mind when it comes to performance and safety due to their favorable environmental profile.



INCREASED SURFACE COVERAGE



WHAT MAKES ARVUM BETTER:

- ✓ 83% surfactant load
- ✓ Rapidly reduces surface tension and improves wetting
- ✓ NPE/APE free for crop safety
- ✓ CPDA certified for quality assurance
- ✓ Approved for aquatic use





Nonionic Surfactant & Humectant

PRINCIPAL FUNCTIONING AGENTS

Sorbitan monolaurate poly(oxyethylene)ether, and 1,2 propanediol.....	93%
Antifoam and other constituents ineffective as spray adjuvant.....	7%
Total.....	100%

Surfactant content is 83%
All ingredients are approved for use under 40 CFR 180

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

If medical advice is needed, have product container or label at hand. Read label before use.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators or other handlers of this product must wear protective eyewear, chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes when handling this product. Consult the SDS for further information.

FIRST AID

If Swallowed: Rinse mouth. Have person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

If On Skin: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention.

If Inhaled: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

GENERAL INFORMATION

ARVUM is nonionic surfactant that is APE/NPE free. ARVUM improves coverage of target leaf surfaces by reducing surface tension and increasing spray solution wetting. ARVUM is designed to improve the effectiveness of herbicides, insecticides, fungicides and plant growth regulators requiring the use of a nonionic surfactant due to the high surfactant load formulation.

FOR USE WITH HERBICIDES, INSECTICIDES, FUNGICIDES AND PLANT GROWTH REGULATORS REGISTERED FOR AGRICULTURAL, AQUATIC, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND AND RIGHTS-OF-WAY.

DIRECTIONS FOR USE

Always mix and apply this product in accordance with the instructions found on the herbicide, insecticide, fungicide or plant growth regulator label regarding adjuvants. In the absence of specific instructions follow the application and mixing guidelines:

USE RATES

Ground: 0.0625-0.5% v/v (0.5–4 pints per 100 gallons of spray solution or 1.5 - 10 fl oz/A at 15 GPA).

Aerial: 0.125 – 0.5% v/v

MIXING

In the absence of specific mixing instructions found on the herbicide, insecticide, fungicide or plant growth regulator label, fill the spray tank with at least 50% of the desired finished carrier volume. When premixing in a mixing vessel or inducator, fill with at least 20% of the desired finished carrier volume. While the carrier is agitating, add tank mix ingredients in the following order:

1. Compatibility agent and/or antifoam, if needed
2. AMS, dry formulations (WP, DF, WDG, SP), and dry drift retardants
3. Dry soluble and suspension fertilizers / micronutrients
4. Liquid drift retardants and flowable formulations (F & FL)
5. Liquid concentrates, suspension concentrates, microencapsulated and capsule suspension(LC, SC, ME, CS)
6. Emulsifiable concentrates (E, EL or EC)
7. Solutions and soluble liquids (S or SL)
8. Liquid micronutrients and fertilizers
9. ARVUM, water conditioners and other adjuvants(COC, HSOC, MSO, NIS)
10. Finish filling to desired spray volume level and continue agitation

STORAGE AND DISPOSAL

This product does not require heated storage. Keep containers sealed when not in use. Store in original container only. Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

PACKAGING:

- 2 x 2.5 gallons per case
- 275 gallon minibulk

