

# CERIUM® ELITE

Nonionic Surfactant • Drift Control Agent • Antifoaming Agent

## Principal Functioning Agents:

Ethoxylated soybean oil, oleic acid, alcohol ethoxylate ..... 100%  
All ingredients are exempt from tolerance under 40 CFR 180. Patent Pending.

## KEEP OUT OF REACH OF CHILDREN CAUTION

### SHAKE WELL BEFORE USING

#### PRECAUTIONARY STATEMENTS

Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing vapors or spray. Wash contaminated areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, and eye protection.

#### FIRST AID

Have the product container or label with you when call or going for treatment.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### GENERAL INFORMATION

**CERIUM® ELITE** is an NPE free, non-volatile, nonionic surfactant (NIS) and drift control technology (DRT) that is engineered to deliver crop protection products accurately throughout the canopy and to help prevent diffusion away from the intended target.

Superior spreading and wetting characteristics improve the performance of the active ingredient by ensuring uniform surface coverage with reduced bounce and run-off. Increases penetration through waxy, wetting resistant cuticles and enhances permeation of the active ingredient to the mode of action site.

**CERIUM ELITE** is formulated with patent pending surfactant emulsion technology that limits driftable fines by managing droplet size modification without pump shear or solution fatigue.

#### DIRECTIONS FOR USE NOT FOR AQUATIC USE

Always follow the directions on the most restrictive active ingredient label.

Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

Use only if a drift reduction technology (DRT), deposition agent and non-ionic surfactant (NIS) are allowed or not excluded on the label.

**CERIUM ELITE** is recommended for use on all agricultural crops and non-crops and is compatible with most pesticides.

**CERIUM ELITE** does NOT contain ammonium sulfate (AMS).

NOTE: When combining new or unfamiliar components in any tank mix, the applicator should conduct phytotoxicity and jar tests to ensure compatibility and avoid damage to non-targeted species.

#### Order of addition

In general, follow the W-A-L-E-S plan when adding herbicides to a tank mix.

1. Wettable Powders (WP) then Flowables (F, DF)
2. Agitate then add anti-foaming compounds, buffers
3. Liquid and Soluble products
4. Emulsifiable concentrates (EC)
5. **CERIUM ELITE** and other adjuvants

Prior to mixing, fill the spray tank with half of the carrier. Start the sprayer and check to make sure that all valves and gauges work and that there is adequate tank agitation.

#### USE RATE

		%v/v
Herbicides	1-2 quarts per 100 gal	0.25%-0.5%
Insecticides & fungicides	1-2 pints per 100 gal	0.125% -0.25%
Herbicides - aerial	4-6 oz/A	
Insecticides/fungicides - aerial	2-6 oz/A	

The optimal rate of **CERIUM ELITE** may vary with environmental conditions and spray water quality. As field and application conditions change, an

experienced operator should adjust the rates as needed.

#### STORAGE AND DISPOSAL

**Storage:** Sediment may be observed. Shake well with water and add to tank mix when appropriate. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. Store between 40° and 90° F. Shake well before using.

**Disposal:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national, international regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrcycle.org](http://www.acrcycle.org).

**Conditions of Sale and Warranty Limitation:** The directions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of CHS or the seller. All such risks shall be assumed by the buyer. CHS warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. CHS makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall CHS or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. CHS and the seller offer this product, and the Buyer and the User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CHS.

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275 Gallons (1041 L)

