



# **CAYUSE**® PLUS

# AMMONIUM SULFATE AND SURFACTANT COMBINATION

Surfactant content . . .. 7.84%

One gallon of CAYUSE® PLUS contains 2.49 pounds of ammonium sulfate.



CA Reg. No. 2935-50171

WA Reg. No. 2935-00003

# **KEEP OUT OF REACH OF CHILDREN**

Do not ingest. Avoid breathing spray or mist. Avoid contact with eyes and skin. Wash hands and affected areas thoroughly with soap and water after handling.

FIRST AID	
If swallowed:	•Rinse mouth. •Call a doctor or poison control center if symptoms occur or you feel unwell.
If inhaled:	Move person to fresh air and keep comfortable for breathing.     Call a doctor or poison control center if symptoms occur or you feel unwell.
If in eyes:	Remove contact lenses, if present, then continue rinsing.  call a doctor or get medical attention if irritation occurs and persisits.
If on skin:	•Wash off with soap and water     •Call a doctor or get medical attention if irritation occurs and persists
for treatment. Y (800) 424-9300 (800) 222-1222	ct container or label with you when calling a poison control center or doctor, or going ou may also contact EMERGENCY TELEPHONE NUMBERS: CHEMTREC (transportation and spills) POISON CONTROL CENTER (human health) ASPCA (animal health)

<sup>\*</sup>Always read and follow the entire pesticide label for proper timing, rates, specific directions and any special use precautions or regional use recommendations.

#### **GENERAL INFORMATION**

CAYUSE PLUS: Many post-emergence herbicides perform best when the spray mix contains the ammonium ion of different nitrogen solutions. CAYUSE PLUS was developed specifically for this type of spray application because it is a blend of ammonium and sulfate ions which act to neutralize mineral antagonism, along with a high-quality surfactant possessing nonionic properties to help increase pesticide uptake.

CAYUSE PLUS replaces the need for 28% nitrogen solution, crop oil concentrates, vegetable seed oils and nonionic surfactants. When used at the recommended rates, CAYUSE PLUS can increase the performance of various herbicides that may require combinations of the above additives.

Not for aquatic use.

# **DIRECTIONS FOR USE**

Shake before use. Rates of CAYUSE PLUS may vary with the conditions of applications. Fill spray tank one half (1/2) full with water. Add the proper amount of CAYUSE PLUS and pesticide. Add the remainder of the water. Bypass agitation is sufficient when using CAYUSE PLUS, but it should continue until all of the solution has been sprayed.

### **USE RATES**

CAYUSE PLUS should be used to improve the performance of various post-emergence soybean or corn herbicide applications where a surfactant/nitrogen solution is required.

Use at the rate of 1.5-3 pints of CAYUSE PLUS per acre in 10-20 gallons of spray mixture.

**DEFOLIANTS and DESICCANTS:** Use CAYUSE PLUS at a maximum of 1 pint (16 fl. oz.) per acre.

NON-CROP BURNDOWN: Use 2-6 quarts of CAYUSE PLUS per 100 gallons of spray mixture.

**OTHER HERBICIDES:** Use 2-6 quarts of CAYUSE PLUS per 100 gallons of spray mixture. CAYUSE PLUS may also be used with glyphosate and other herbicides where ammonium sulfate is recommended. Use the higher rates in hard water conditions.

**NOTE**: If the pesticide manufacturer's label requires a certain percentage (v/v) of surfactant, then include a nonionic surfactant such as R-11<sup>®</sup> Spreader-Activator or RAINIER-EA<sup>®</sup> as needed in addition to the CAYUSE PLUS. Surfactant must contain at least 90% active ingredient.

For pesticides that permit use of an adjuvant at a higher rate, follow instructions on that pesticide label. However, do not add this product at a rate which exceeds 5% of the finished spray volume, except when used as a diluent in dormant, basal, site preparation or other similar applications, per label instructions. Use caution at the higher use rates. When applying to a sensitive crop, first treat a small area to determine if there are any adverse effects to the crop.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

**PRODUCT STORAGE:** Store in original container only and keep tightly closed. Store in closed storage areas. Use caution when moving, opening, closing or pouring.

**PRODUCT DISPOSAL:** Dispose of contents in accordance with all government regulations. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Dispose of container in accordance with all government regulations. Triple rinse (or equivalent), then offer for recycling, if available, or reconditioning, if appropriate. Alternatively, puncture and dispose of the container in a sanitary landfill, or by other procedures approved by state and local authorities. Recycling cleaned containers is the best option of container disposal. ACRC (Agricultural Container Recycling Council) operates a national recycling program. To contact your state and local ACRC recycler, visit the ACRC web page at www.acrecycle.org.

Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using the product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

#### ALL STATEMENTS MADE HEREIN ARE SUBJECT TO APPLICABLE LAW. AND TO THE EXTENT THERE IS ANY INCONSISTENCY OR CONTENTION, APPLICABLE LAW SHALL GOVERN.

The Directions for Use of the product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label. EXCEPT FOR THIS WARRANTY, THE PRODUCT IS FURNISHED "AS-IS", AND NEITHER SELLER NOR MANUFACTURER MAKES ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT; SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE BEYOND WHAT IS STATED ON THE LABEL. Buyer and User accept all risks arising from any use of this product, including without limitation, uses contrary to label instructions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.

Neither Manufacturer nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE BUYER OR USER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT, OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

These Conditions of Sale and Limitation of Warranty and Liability shall be interpreted, unless otherwise required by the law of the state of purchase, in accordance with the laws of the State of California, excluding its conflicts of laws rules, and may not be amended by any oral or written agreement.

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NOTICE: This product can expose you to chemicals including Ethylene Glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

> In Case of Emergency, Call CHEMTREC: (800) 424-9300

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