

# ADJUST™ SL

[Adjust™ Plant Growth Regulator]

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[For growth management of wheat, triticale, barley, oats, and grasses grown for seed to adjust apical dominance and produce shorter, thicker, stronger stems for improved lodging resistance.]

## ACTIVE INGREDIENT:

2-Chloroethyl trimethyl ammonium chloride\* ..... 54.78%

OTHER INGREDIENTS..... 45.22%

TOTAL 100.00%

\* Adjust SL is a Soluble Concentrate (SL) containing 5.17 lbs. of 2-Chloroethyl trimethyl ammonium chloride per gallon.

EPA Reg. No. 45728-NEW

EPA Est. No. 32557-BEL-1

EPA Est. No. xxxxx-xxx-x

NET CONTENTS: x.x Gallons

**Keep Out Of Reach Of Children**

## WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For Emergencies involving a Spill, Leak, Fire, Exposure, or Accident, Contact: CHEMTREC at (800) 424-9300. For product usage information, phone Taminco US LLC, toll free at (423) 229-2000 from 9:00 AM to 5:00 PM Eastern time.	
<b>NOTE TO PHYSICIAN:</b> (2-chloroethyl) trimethyl ammonium chloride is a weak ganglionic stimulant with an action like that of nicotine. The use of Atropine is contraindicated. An effective antidote has not been established.	

**Note to PM:**

***Bold, italicized text is information for the reader and is not part of the label.***

[Bracketed information is optional.] Text separated by / denotes and/or options.

EPA Reg. No. 45728-xxx

***Optional Company Identifier:***



***Alternate Brand Name:***

Adjust™  
Adjust™ Plant Growth Regulator  
Adjust™ PGR

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS****KEEP OUT OF REACH OF CHILDREN**

**WARNING.** May be fatal if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**All mixers, loaders, applicators, and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof or chemical-resistant gloves (Barrier Laminate, Butyl Rubber > or = 14 mils, Neoprene Rubber > or = 14 mils, Polyvinyl chloride (PVC) > or = 14 mils, Polyvinyl chloride (PVC) > or = 14 mils, Viton > or = 14 mils)

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**Engineering Controls**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

**USER SAFETY RECOMMENDATIONS:****User should:**

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Keep out of lakes, streams and ponds. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas spray. Do not enter or allow worker entry into treated areas for 12 hours following application. Do not apply where runoff or erosion is likely to occur. Do not apply when environmental conditions may cause drift from treated areas. Clean spray equipment thoroughly after use.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling, and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Long sleeved shirt and long pants
- Shoes plus socks
- Waterproof or chemical-resistant gloves

**PRODUCT INFORMATION**

All applications must be made according to the use directions that follow. Adjust SL is a plant growth regulator (PGR) which inhibits gibberellin biosynthesis. Early applications encourage effective rooting, increase yield by influencing apical dominance and tiller survival, and produce stronger stems (increased diameter of internodes 1 and 2). Rooting benefits are the greatest at mid tillering, whereas lodging reduction is more pronounced with later applications during stem elongation, reducing stem height and minimizing lodging.

**MIXING INSTRUCTIONS**

- Thoroughly shake product container prior to use,
- Add ½ to 2/3 of the total water volume to be applied to the spray or mixing tank,
- While agitating, add Adjust SL to the tank,
- Add the remaining volume of water,
- Ensure thorough dispersion of Adjust SL into solution prior to application,
- Maintain agitation until all the mixture has been sprayed.

**TANK MIXING**

Adjust SL can be tank mixed with other plant growth regulators, fungicides, insecticides, and herbicides. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. No claim of compatibility with other pesticides is implied.

**PRODUCT INSTRUCTIONS**

Thorough application coverage is necessary to provide good activity. Make up no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

When an adjuvant is to be used with this product, the use of an adjuvant that meets the standards of the Council of Producers and Distributors of Agrotechnology (CPDA) adjuvant certification program is recommended.

The activity and performance of Adjust SL is primarily affected by: (1) environmental conditions, (2) crop management and cultural practices that affect crop growth and vigor, (3) fertility level, (4) moisture availability, (5) plant vigor, and (6) crop growth stage.

Do not apply Adjust SL to any crop suffering physical stress caused by water logging, drought, or other extreme conditions. Crops with substantial moisture deficit should not be treated.

Do not use in tank mixture with liquid nitrogen fertilizer.

Although Adjust SL may be applied under normal seasonal temperatures (down to 33 degrees F) and ground conditions, do not spray onto plants covered with frost. For optimal results, Adjust SL requires two hours before rain or frost occurs.

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**CROP SPECIFIC RATES AND TIMING:****[For growth and lodging management and yield protection in cereals.]**

<b>CROP</b>	<b>Maximum Fluid Ounces of Adjust SL per Acre</b>	<b>Directions for Use</b>
<b>Winter Wheat</b>	24.63	<ul style="list-style-type: none"> <li>Do not exceed a total of 24.63 fl. oz. of Adjust SL per acre per year on winter wheat (1.00 lb. a.i. per acre per year).</li> <li>For single application – Apply at a dose rate of 24.63 fl. oz. of Adjust SL per acre per year (1.00 lb. a.i. per acre per year) between Growth Stage (GS) 31 (the 1-node stage) and GS 39 (the flag leaf collar visible stage).</li> <li>For split application – Apply at a dose rate of 13.68 fl. oz. of Adjust SL per acre per year (0.56 lb. a.i. per acre per year) between GS 12 (the 2-leaf stage) and GS 30 (the beginning of stem elongation stage) followed by a second application of 10.95 fl. oz. of Adjust SL per acre per year (0.44 lb. a.i. per acre per year) between GS 31 (the 1-node stage) and GS 39 (the flag leaf collar visible stage).</li> </ul>
<b>Spring and Durum Wheat</b>	24.63	<ul style="list-style-type: none"> <li>Do not exceed a total of 24.63 fl. oz. of Adjust SL per acre per year on spring and Durum wheat (1.00 lb. a.i. per acre per year).</li> <li>For single application – Apply at a dose rate of 24.63 fl. oz. of Adjust SL per acre per year (1.00 lb. a.i. per acre per year) between GS 30 (the beginning of stem elongation stage) to GS 32 (the 2-node stage). If applications are not possible at GS 30 – 32 due to environmental or field conditions, do not apply later than GS 39.</li> <li>For split application – Apply at a dose rate of 10.95 fl. oz. of Adjust SL per acre per year (0.44 lb. a.i. per acre per year) between GS 12 (the 2-leaf stage) and GS 30 (the beginning of stem elongation stage) followed by a second application of 13.68 fl. oz. of Adjust SL per acre per year (0.56 lb. a.i. per acre per year) between GS 31 (the 1-node stage) to GS 32 (the 2-node stage). If the second application is not possible at GS 31 – 32 due to environmental or field conditions, do not apply later than GS 39.</li> </ul>
<b>Barley</b>	31.47	<ul style="list-style-type: none"> <li>Do not exceed a total of 31.47 fl. oz. of Adjust SL per acre per year on spring and winter barley (1.27 lb. a.i. per acre per year).</li> <li>For single application – Apply at a dose rate of 31.47 fl. oz. of Adjust SL per acre per year (1.27 lb. a.i. per acre per year) between GS 30 (the beginning of stem elongation stage) to GS 39 (the flag leaf collar visible stage).</li> <li>For split application – Apply at a dose rate of 15.73 fl. oz. of Adjust SL per acre per year (0.63 lb. a.i. per acre per year) between GS 14 (the 4-leaf stage) and GS 32 (the 2-node stage) followed by a second application of 15.73 fl. oz. of Adjust SL per acre per year (0.63 lb. a.i. per acre per year) between GS 32 (the 2-node stage) to GS 39 (the flag leaf collar visible stage).</li> </ul>
<b>Oats</b>	31.47	<ul style="list-style-type: none"> <li>Do not exceed a total of 31.47 fl. oz. Adjust SL per acre per year of on spring and winter oats (1.27 lb. a.i. per acre per year).</li> <li>For single application – Apply at a dose rate of 31.47 fl. oz. of Adjust SL per acre per year (1.27 lb. a.i. per acre per year) between GS 30 (the beginning of stem elongation) to GS 32 (the 2-node stage). If an application is not possible at GS 30 – 32 due to environmental or field conditions, do not apply later than GS 39.</li> <li>For split application – Apply at a dose rate of 15.73 fl. oz.</li> </ul>