

EXCEL

“Silicone Surfactant Adjuvant”

GENERAL INFORMATION:

EXCEL is a highly efficient silicone polyether copolymer surfactant. Its unique chemical structure has been specifically designed to enhance the activity of water soluble postemergence pesticides.

The high solution mobility of **EXCEL** allows it to densely pack a surface, resulting in an extremely low surface energy. Surface tensions as low as 20 dynes/cm can be attained. (*The normal surface tension of water is 72 dynes/cm. Typical detergent type adjuvants reduce surface tension to about 30 dynes/cm.*) The low surface energy results in complete wetting of virtually any leaf surface, no matter how “hairy” or “waxy”. In addition, **EXCEL** decreases the liquid surface tension to the extent required for the liquid to pass through the stomatal pores in the surface of the leaf. This stomatal infiltration reduces the critical rain-free period required for maximum activity of a number of water soluble postemergence herbicides. (*Examples: glyphosate, acifluorfen, bentazon, paraquat.*)

INGREDIENTS:

Silicone surfactants.....100%

Exempt from tolerance under EPA 40 CFR 180.1001 (c).

DIRECTIONS FOR USE:

4-32 ounces of **EXCEL** per 100 gallons of spray.

Basagran ¹	16 oz/100 Gallons
Gramoxone ²	8 oz/100 Gallons
Glyphosate	16-32 oz/100 Gallons
Tilt ³	8 oz/100 Gallons

¹Basagran is a registered trademark of BASF Corp.

²Gramoxone is a registered trademark of ICI Agrochemicals.

³Tilt is a registered trademark of Ciba-Geigy Corp.

Always follow pesticide manufacturer's recommendations.

CAUTION: CAUSES SEVERE EYE IRRITATION AND INJURY

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. The risks include, but are not limited to damage to plants, crops and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.

NET CONTENTS: 1 Gallon

Manufactured by:

Ag Spray, Inc., PO Box 12129, Salem, OR 97309-0129

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