

UNVEIL 5®

pH Indicator, Acidifier, Water Conditioner and Wetter Spreader

Unveil 5 is multi-functional adjuvant and water conditioner that counters the detrimental effects of high pH and hard water on sensitive pesticides. Unveil 5 adjusts water pH and contains a patented, built-in pH indicator that turns the spray water pink as soon as the optimum level of 4.5-5.5 pH is reached. It works by acidifying alkaline water and neutralizing salts present in hard water which can impact spray efficacy.

Unveil 5 also acts as a wetting, spreading and penetrating agent which helps create an even film of spray over the leaf for improved pesticide performance. Many active ingredients are sensitive to alkaline hydrolysis and may become de-activated in hard water, including: glyphosate, organophosphates, synthetic pyrethroids, carbamates, chlorinated hydrocarbons, and triazines.

Principle Functioning Agents

A proprietary blend of Alkyl Aryl Ethoxylates & Water Conditioning Agents	80%
Constituents Ineffective as Spray Adjuvant	20%
Total	100%

All ingredients are exempt from the requirement of a tolerance per 40 CFR 180.

Key Benefits

- Ensures optimum pesticide performance when the water quality is unknown.
- Eliminates the need to test the water pH with any additional equipment.
- Promotes even pesticide coverage for improved efficacy.
- Reduces surface tension of the spray solution which results in more uniform wetting and spreading.
- Slows drying and improves penetration.

WATER HARDNESS	TOTAL DISSOLVED SALTS	CONDUCTIVITY S/cm	RATE (FL.OZ.) PER 100 GAL
SOFT	0-100	0-200	5-6
MEDIUM	100-200	200-300	6-7
MEDIUM HARD	200-250	300-400	7-10
HARD	250-300	400-450	10-20
VERY HARD	300-400	450-500	20-30
EXTREMELY HARD	400+	500+	30+

Application Recommendations

Mixing Instructions: Fill the tank almost to the top leaving just enough head space to mix in the rest of the chemicals once the water has been treated. Add desired amount of Unveil 5 or until solution turns pink for a pH between 4.5 – 5.5. Fill tank with balance of fertilizer or water. Add other chemicals. Agitate adequately to mix.

If the tank mix solution turns clear upon the addition of the remaining chemicals and water, add additional Unveil 5 until tank mix solution turns pink. Unveil 5 is compatible with most fertilizers and pesticides. Check compatibility by utilizing jar test before mixing.

Note: This product has demonstrated excellent plant safety; however not all species of plants have been tested. Before treating a large area, test on a small area and observe results prior to full scale applications.

To learn more or to find an Evolve dealer near you,
contact us today at info@evolveagllc.com

EVOLVE CROP SYSTEMS

Unveil 5®

pH Indicator, Acidifier, Water Conditioning Agent & Spreader

PRINCIPAL FUNCTIONING AGENTS

A proprietary blend of alcohol ethoxylates and water conditioning agents	80%
Constituents ineffective as spray adjuvant	20%

KEEP OUT OF REACH OF CHILDREN
DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Causes severe skin burns and eye damage. Wear protective eyewear, long sleeved shirt, long pants, shoes plus socks and chemical resistant gloves made of any waterproof material when mixing or handling concentrate. Do not breath mist or vapor. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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.

ENVIRONMENTAL HAZARDS

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Avoid release to the environment. Collect spillage.

FIRST AID

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Avoid release to the environment. Collect spillage.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center.

If on skin: Take off immediately all contaminated clothing. Rinse skin with water.

If swallowed: Rinse mouth. Do NOT induce vomiting.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

STORAGE AND DISPOSAL

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

STORAGE: Keep container tightly closed. Store locked up in original container in a well-ventilated place. Keep away from children, animals, foods, feeds and seeds. Handle in accordance with Precautionary Statements. In the event of spillage or leakage, soak up the material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose in accordance with Product Disposal.

PRODUCT DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) during mixing and loading.

DIRECTIONS FOR USE

Unveil 5® is the only adjuvant that contains a built-in pH indicator, turning the spray water pink as soon as the optimum level of 4.5-5.5 is reached. It eliminates the need to test the water pH with equipment.

This product counters the detrimental effects of both high pH and hard water on sensitive pesticides. Some chemicals sensitive to alkaline hydrolysis include: glyphosate, organophosphates, synthetic pyrethroids, carbamates, chlorinated hydrocarbons, and triazines. Unveil 5 acts as a wetting and spreading agent resulting in an even film of spray over the leaf and better pesticide performance.

COMPATIBILITY: Unveil 5 is compatible with most fertilizers and pesticides. However, if the desired combination has not been previously used, a compatibility test is recommended.

MIXING: Fill tank 2/3 full of water and begin agitation. Add the recommended amount of Unveil 5 or until solution turns pink for a pH between 4.5 – 5.5. Fill tank with balance of fertilizer or water. Add other chemicals. Continue agitation until spray solution is completely mixed. If the tank mix solution turns clear upon the addition of the remaining chemicals and water, add additional product until tank mix solution turns pink again.

Note: This product has demonstrated excellent plant safety; however not all species of plants have been tested. Before treating a large area, test on a small area and observe results prior to full scale applications. Do not use on aquatic sites.

10/26

Net Contents: 2.5 gallons (9.46 liters)
Packaged: 2 x 2.5 gallons (2 x 9.46 liters)
Net Weight:

EVOLVE CROP SYSTEMS
Manufactured for Evolve Crop Systems.
2178 East Bethel Rd Attica, IN 47918

MADE IN USA

Unveil 5®

RECOMMENDATIONS: The correct volume of Unveil 5 to be added to the spray water is indicated by the color: pink at pH between 4.5 to 5.5.

Soft Water: A rapid color change occurs from milky white to pink.

Hard Water: Color changes slowly from milky white to yellow to orange to pink.

The following table serves as a guide to the volume required for different types of spray water.

Water Hardiness	Total Dissolved Salts	Conductivity S/cm	Rate (fl. oz.) Per 100 Gal.
Soft	0-100	0-200	5-6
Medium	100-200	200-300	6-7
Medium Hard	200-250	300-400	7-10
Hard	250-300	400-500	10-20
Very Hard	300-400	450-500	20-30
Extremely Hard	400+	500+	30+

WARRANTY: 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 the 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 the manner of use or application all of which are beyond the control of Evolve Crop Systems or the Seller. All such risks shall be assumed by the Buyer. Evolve Crop Systems warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to the Directions for Use subject to the inherent risks referred to above. Evolve Crop Systems. makes no other express or implied warranty. In no case shall Evolve Crop Systems or the Seller be liable for consequential, special, or indirect damage resulting from the use or handling of this product. Evolve Crop Systems and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by an agreement in writing signed by a duly authorized representative of Evolve Crop Systems.

Unveil 5 is a Trademark of Evolve Ag

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