

## GUARANTEED ANALYSIS

Total Nitrogen (N) .....	3.00%
0.30% Ammoniacal Nitrogen	
2.70% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	38.00%
Sulfur (S) .....	3.00%
Zinc (Zn) .....	1.00%

DERIVED FROM: Phosphoric Acid, Urea Sulfuric Acid, Zinc Oxide, and Ammonium Hydroxide.

## KEEP OUT OF REACH OF CHILDREN



# DANGER

Causes severe skin burns and eye damage. Causes serious eye damage.

## PRECAUTIONARY STATEMENTS

Do not breathe the mist or vapor. Wash thoroughly after handling. Wear rubber or chemical-resistant gloves, protective clothing, eye protection, and face protection.

## FIRST AID

In all cases, call a poison control center or doctor for further treatment advice. **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. **IF ON SKIN (OR HAIR):** Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. **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 or doctor.

For chemical spills, leaks, fire or exposure,  
call CHEMTREC: (800) 424-9300.

## STORAGE AND DISPOSAL

Store locked up and in a safe manner. Store in original container only and keep tightly sealed when not in use. Store product and dispose of unused product and empty containers in accordance with federal, state and local regulations.

## GENERAL INFORMATION

**INTELLIPHOS® SYSTEM 45** is a high analysis, clear liquid solution designed for application in closed irrigation systems where hard water and phosphate precipitation are a concern. The form of phosphate contained in **INTELLIPHOS SYSTEM 45** and the pH of the product can prevent fouling of irrigation systems and reduce or slow phosphate precipitation in calcareous soils, when used as directed. **INTELLIPHOS SYSTEM 45** contains orthophosphate for maximum availability to plants.

**INTELLIPHOS SYSTEM 45** should be used as part of a comprehensive Total Nutrition System® for optimizing plant growth, development, yield and quality.

## DIRECTIONS FOR USE

**INTELLIPHOS SYSTEM 45** may be injected into pressurized irrigation systems, metered into gravity irrigation systems or spray banded directly onto soil.

**FERTIGATION:** When injecting fertilizers into closed irrigation systems it is usually advised to inject upstream from filter stations, if present, and inject using a port that introduces the material in or near the center of the stream. This maximizes distribution uniformity.

**INJECTION RATES:** There are two techniques to prevent precipitation when injecting **INTELLIPHOS SYSTEM 45** into irrigation water:

1. Inject at a rate to keep P<sub>2</sub>O<sub>5</sub> concentrations below 200 ppm. Use the following equation based on the irrigation pumping rate in gallons per minute (gpm):  
Injection rate (gallons/hour) = pump gpm/30

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>

2. Inject at a rate to maintain irrigation water pH < 4.5; pH paper or portable pH meter will be needed to make this determination because different rates of **INTELLIPHOS SYSTEM 45** will be needed to achieve this final water pH based on irrigation water quality.

**EQUIPMENT:** Use of aluminum, brass, copper, nylon and mild steel for storage or transfer are discouraged. Corrosion or etching of aluminum, brass, copper, or nylon irrigation components may occur depending on injection rate and concentration.

## COMPATIBILITY

Do not combine with other fertilizer materials unless proven compatible beforehand. Always jar test new combinations for compatibility prior to field mixing.

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.

The Directions for Use of the product should 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. Buyer and User accept all risks arising from any use of this product, including without limitation uses contrary to label instructions, under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.**

To the extent permitted by law, 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 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.

WILBUR-ELLIS logo, Ideas to Grow With, Intelliphos, and Total Nutrition System are registered trademarks, and Intelliphos logo is a trademark of Wilbur-Ellis Company LLC.

K-060216

Manufactured by: **WILBUR-ELLIS COMPANY LLC**  
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**NET CONTENTS: 2.5 GALLONS (9.46 Liters)**  
WEIGHT PER GALLON: 12.7 POUNDS at 68°F • pH 1.2-1.6