

# ALPINE HKW18

## Guaranteed Nutritional Analysis:

lbs per litre applied

Total Nitrogen (N)..... 0.092

Available Phosphate (P<sub>2</sub>O<sub>5</sub>)..... 0.552

Soluble Potash (K<sub>2</sub>O)..... 0.552

## Product Properties:

**Analysis:** 3-18-18

**Weight:** 1.39 kg/L

**Specific gravity:** 1.39–1.40 kg/L

**pH:** 7.4–7.8

**Appearance:** Clear liquid

**Odour:** Might have slight mild ammonia odour

## General Product Information:

ALPINE HKW18 liquid fertilizer is manufactured by utilizing quality raw materials to provide a very agronomically efficient source of N-P-K. The quality of the raw materials used to formulate ALPINE HKW18 liquid fertilizer:

- Maximizes plant nutrient solubility
- Minimizes salt index
- Minimizes equipment corrosion
- Allows good cold weather storage
- Is plant safe at recommended rates

One hundred percent of the phosphate is present in the orthophosphate form that is immediately available for plant absorption and metabolism. During times of limited phosphate and potassium availability (eg: cold and wet spring soil conditions present at planting), ALPINE HKW18 liquid fertilizer provides a phosphate and potassium source that is positionally and nutritionally available.

**First Aid:** Please see the SDS sheet for more information, call (800) 265-2268 or visit us online at [www.alpinepfl.com](http://www.alpinepfl.com).

KEEP OUT OF THE REACH OF CHILDREN.

SELLER WARRANTS THAT THE ABOVE PRODUCT CONFORMS TO ITS CHEMICAL DESCRIPTION AND IS REASONABLY FIT FOR THE PURPOSE ON THE LABEL WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL CONDITIONS OF USE (INCLUDING NORMAL WEATHER CONDITIONS). NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXPRESS OR IMPLIED, EXTENDS TO THE USE OF THIS PRODUCT WHEN USED CONTRARY TO THE LABEL INSTRUCTIONS OR UNDER ABNORMAL CONDITIONS (INCLUDING ABNORMAL WEATHER CONDITIONS), AND THE BUYER ASSUMES THE RISK OF ANY SUCH USE. ALPINE STARTER OR FOLIAR APPLICATIONS ARE INTENDED TO SUPPLEMENT EXISTING SOIL FERTILITY PROGRAMS AND WILL NOT BY ITSELF PROVIDE ALL THE NUTRIENTS NORMALLY REQUIRED BY AGRICULTURAL CROPS.

\*These are general product recommendations. Please consult with your authorized ALPINE RETAILER OR ALPINE DISTRICT SALES MANAGER for specific fertility recommendations.

# ALPINE HKW18®

Premium liquid starter & foliar fertilizer



## In-Furrow Recommendations:

Row Width	Max L/A
Corn—Grain:	
30"	15–20
Corn— Seed/Sweet:	
30"	11–16
Wheat, barley, rye, and oats:	
6–8"	22–30
Soybeans/Edible Beans:	
28–30"	8
19–21"	12
14–16"	15
6–8"	20

\*On light, sandy soils with organic matter of less than 2%, reduce rate by 2 litres per acre.

\*\*Do not apply any combination of potash and urea blend preplant broadcast on this type of ground in combination with seed placed starters.

\*\*\*Micronutrients: may be applied in combination with ALPINE HKW18 to a maximum of 2 litres per acre total micronutrient.

## Foliar Feeding General Guidelines:

- **Corn:** 4–11 litres per acre. Foliar apply at the 3rd–5th leaf collar.
- **Soybeans:** 4–11 litres per acre. Foliar apply at the 4th–6th trifoliolate, and then 80–85% podset.
- **Small Grains (including cereals), Dry Beans, Sugarbeets and other row crops:** 4–11 litres per acre.
- **Vegetable Crops:** Use 4–8 litres per acre with 30–38 litres of water every 7–10 days on vegetable crops starting 10–15 days after transplant or at 2"–5" tall on seeded crops.
- **Fruit Trees:** Use 4 litres with 30–38 litres of water starting at bud swell in the spring and continue as needed.

For more specific foliar guidelines, consult with your authorized ALPINE Dealer or ALPINE District Sales Manager.

## Transplant Solution:

Use 4 litres per acre with 400 litres of water at set out.

**WARNING: ALPINE HKW18 is not compatible with UAN solutions.**

**Do not mix the two products together.**



Consult with your authorized ALPINE Retailer or ALPINE District Sales Manager for more specific recommendations.

Maximizing Fertilizer Efficiency

[www.alpinepfl.com](http://www.alpinepfl.com) 1-844-655-PHOS (7467)    