

# SPECIAL K®

## 30% Foliar Potash

(1.35 kg/L)

### Potassium (K)

As a nutrient, potassium plays an important role in cation absorption, carbohydrate and protein accumulation and in the translocation of nutrients throughout the plant. It also regulates water usage by the plant.

It is also well known and documented that sufficient levels of potassium in the plant will increase resistance to cold weather, drought and plant diseases.

Good soil fertility, including soil potassium levels, is a must to insure optimal plant functions and full expression of the plants genetic potential. In some cases, foliar potassium applications are required to compensate inadequate levels in the plant.

### Resistance to diseases

Fungicides are used to reduce the impact of diseases on the quality and the yield of crops. The positive effect of fungicides has been clearly demonstrated through numerous research and field trials in the last few years. Recent research has also demonstrated the positive supplemental effect of adding potassium to the fungicide application.

These recent trials have confirmed that sufficient soil potassium levels are an important factor to reduce the infestation of the crop by leaf diseases. They also demonstrated the positive effect of an application of foliar potassium to insure sufficient levels in the leaf tissues. This reduced the impact of diseases on quality and yield.

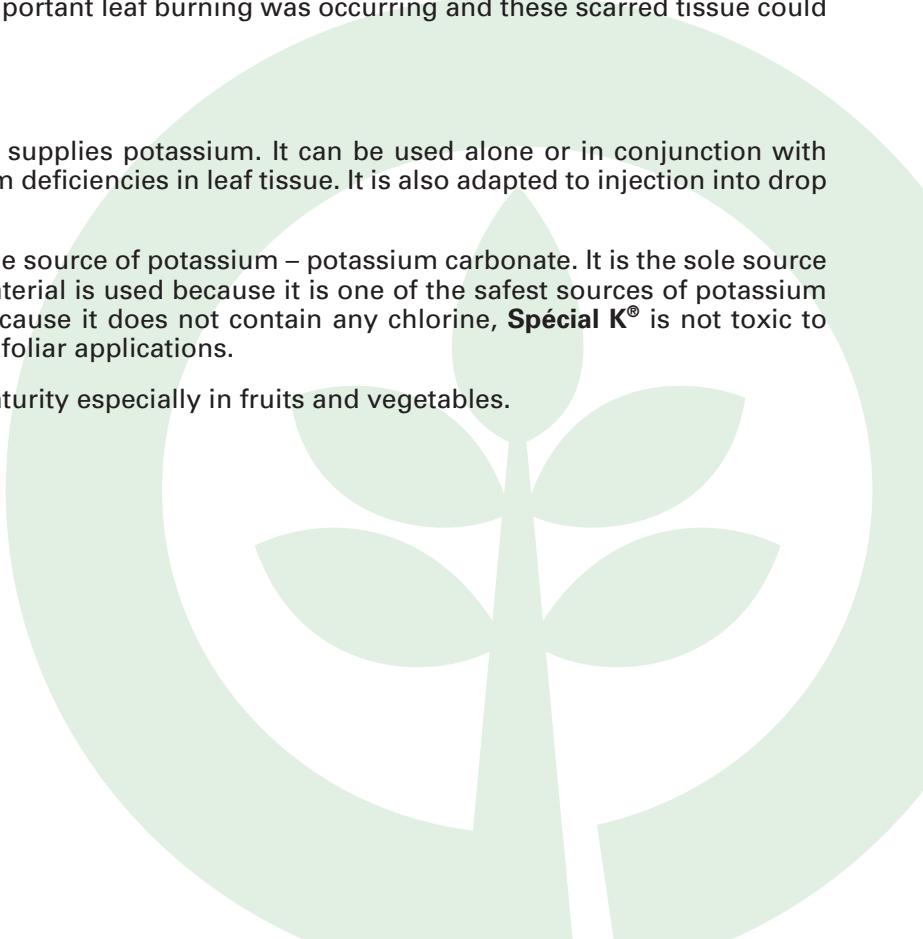
Researchers did notice that the potassium source was an important factor to consider; throughout these trials, depending on the product used, important leaf burning was occurring and these scarred tissue could lead to yield reduction.

### What is Special K?

**Spécial K®** is a foliar liquid fertilizer that supplies potassium. It can be used alone or in conjunction with fungicides to prevent or correct potassium deficiencies in leaf tissue. It is also adapted to injection into drop irrigation systems.

**Spécial K®** is manufactured using a unique source of potassium – potassium carbonate. It is the sole source of potassium for **Spécial K®**. This raw material is used because it is one of the safest sources of potassium and it does not contain any chlorine. Because it does not contain any chlorine, **Spécial K®** is not toxic to plants and is particularly well adapted to foliar applications.

**Spécial K®** can also be used to hasten maturity especially in fruits and vegetables.





# 30% FOLIAR POTASH SPECIAL K®

NET CONTENT  
27 Kilograms  
(20 Liters)

## GUARANTEED MINIMUM ANALYSIS

Soluble Potash ( $K_2O$ ) ..... 30%

### GENERAL INFORMATION

**SPECIAL K® 30%  $K_2O$**  is a highly concentrated liquid potassium fertilizer for foliar application.

This product contains no chloride and has a low salt index.

#### NOTE:

"Only a fraction of fertilizer needs can be fed through the foliage. Foliar treatments therefore supply only a portion of the three major plant nutrients (nitrogen, phosphorous, potassium) required for successful crop production. Such a product is recommended for use as a supplementary source of plant nutrients to a basic fertilizer program that relates to the fertility level of soils."

### FOLIAR TREATMENTS

For best results, treat early in the season. Treat the crop when actively growing, early in the morning, late in the day or during overcast periods. Used between 200 L and 500 L of water per ha. With Ultra Low Volume (U.L.V.) sprayers, use at least 50 L of water/ha. If the spray solution is too concentrated, slight injury to the leaves could occur. For aerial applications, do not use more than one (1) L of this product for every four (4) L of water.

### WARNING

Do not use this product in a mixture with insecticides unless indicated otherwise.

In certain conditions, Carbon Dioxide ( $CO_2$ ) gas may be released when the product is incorporated to a tank mix. The spray tank must NOT be sealed during this process (first 5 minutes) to prevent any accumulation of this gas in the tank.

Make sure to mix to the quantity of water indicated on the product label and maintain agitation throughout the application period.

If uncertain of a tank mix, it is always recommended to use a jar test (in the same proportions as in the final spray mixture) to confirm the compatibility of the tank mix.

### APPLICATION AND PROCEDURES

Field, small fruit, vegetable and tree fruit crops: apply 5 to 15 L/ha for each application at pre-bloom, post-bloom, mid-season and pre-harvest. Mix at least 10 parts of water for each part of this product.



**CAUTION:** This product contains potash and should be used only as recommended. It may prove harmful when misused. Keep out of reach of children.

### PERSONAL PROTECTION

Prevent contact with eyes, skin, or clothing by wearing goggles and protective clothing.

### FIRST AID MEASURES

**EYE CONTACT:** Check for and remove contact lenses. Immediately flush eyes with plenty of water, holding eyelids open. Consult a physician.

**SKIN CONTACT:** Remove contaminated clothing, wash with soap and water, and rinse thoroughly.

**INGESTION:** DO NOT INDUCE VOMITING. If victim is conscious and alert, rinse mouth with water and give a glass of water or milk to dilute material.

**IMMEDIATELY OBTAIN MEDICAL ATTENTION.** If spontaneous vomiting occurs, have the individual lean forward with head down to avoid breathing in of vomit. Rinse mouth and give a glass of water or milk.

### STORAGE

This product must be kept above 0°C and must not be stacked more than two (2) pallets high with each pallet three (3) pails high.

**DISPOSAL OF EMPTY CONTAINERS:** Triple rinse, dispose of empty container in accordance with municipal/provincial/federal regulations or recycle.

### NOTICE

Seller warrants that the product consists of the ingredient specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than the officer of seller, is authorized to make any warranty, guarantee or direction concerning this product.

### SHAKE BEFORE USING

**AXTER**  
Agroscience Inc.

895, Chemin Benoît  
Mont-St-Hilaire  
Québec J3G 4S6