ALFALFA (AIR)

General Information

GENERAL INFORMATION

KTS is a neutral to basic, chlorine-free, clear liquid solution, containing 25% potash and 17% sulfur. Each gallon of KTS contains 3 pounds of potash (K2O) and 2.1 pounds of sulfur. KTS can be applied by drip, sprinkler, or flood irrigation. It may be blended with other fertilizers or applied as a foliar treatment on selected crops. When used as a foliar fertilizer, KTS should first be diluted with water before applying. Blends of KTS should not be acidified below a pH of 6.0.

KTS is compatible with urea and ammonium polyphosphate solutions in any ratio. When blending with UAN solution, a jar test is recommended before mixing large quantities. Potassium reacts with nitrate to form KNO3 crystals. If this should happen, the addition of water and/or heat should bring it back to a clear solution.

When blending with micronutrients and pesticides, trial blends should be conducted before beginning large scale mixing.

When mixing other liquid fertilizers and/or pesticides with KTS, the blend sequence should be as follows: water, pesticide, KTS and/or other fertilizer.

GENERAL APPLICATION AND USE RECOMMENDATIONS:

KTS may be applied to a wide variety of ornamental, turf, green house, and other agricultural crops. Potassium requirements for most crops increase dramatically during periods of rapid growth and fruit development. Application of KTS should be made based on soil and/or plant tissue analysis for potassium.

CAUTION (Application)

Do Not apply KTS to foliage of crops sensitive (foliar burn) to sulfur.

WARNING: When blending with TRISERT-CB fertilizer solution, containing boron, boron (B) may cause injury to crops other than those listed on the TRISERT-CB application guide. Consult the TRISERT-CB application guide for further information.
When applying KTS with a spray oil application, be sure to check the manufacturer’s label concerning spray oil treatment guidelines and foliar nutrient applications with products containing sulfur. KTS contains thiosulfate sulfur.

Do Not apply to foliage of any crop when temperatures are above 90° F. Apply KTS early morning or late evening.

When mixing KTS or any liquid fertilizer with pesticides always keep agitators running during filling and spraying operations. Failure to maintain agitation may cause separation of products resulting in uneven spray application.

Pop-Up Fertilizers - Many crops are sensitive to salts during germination. When soil moisture is low, delayed crop emergence and/or phytotoxicity may occur when fertilizer is placed too close to the seed. Do Not use KTS in pop-up fertilizer when soil moisture is limited, soil salinity is above an electrical conductivity of 2 or when irrigation is delayed such that germination may be affected.

Do Not apply KTS with knife injectors or other types of fertilizer injecting equipment that may cause root pruning.

Sprinkler application of KTS and other liquid fertilizers over an established crop may cause foliar injury to a crop if: injection period is short enough to cause an excessive amount of fertilizer to accumulate on the leaves, temperatures are above 90° F and humidity less than 30%, fertilizer rates are higher than recommended, irrigation pump breaks down during or immediately after injecting fertilizer, and/or any combination of these conditions.

Crop injury may result from unusual weather conditions, failure to follow label directions, or improper application practices all of which are out of control of the manufacturer or seller. The directions on the label are believed to be reliable and should be followed carefully.

Limitations, Restrictions, and Exceptions

FOLIAR FERTILIZER APPLICATION

Application rates are only for the crops listed below. For recommendations regarding crops not listed, contact your local fluid fertilizer dealer or your Tessenderlo KERLEY representative. KTS may be applied by ground or air. It is recommended that the addition of 2 to 4 quarts of either TRISERT-NB (26-0-0),
TRISERT-CB (26-0-0-0.5B) or N-SURE (28-0-0) be applied with the KTS. TRISERT-CB, TRISERT-NB and N-SURE are Tessenderlo KERLEY's triazone based slow-release liquid nitrogen fertilizers that improve the foliar absorption of KTS.

Method

Broadcast/Foliar Air

Rates

field_rates 0

Timings

At crown green up or on regrowth after cutting.