



D & M Chem
TRANSPHITE

0-10-18

READ ENTIRE CONTAINER LABEL BEFORE USING THIS PRODUCT

GUARANTEED ANALYSIS:

Available Phosphoric Acid (P2O5).....	10.0%
Soluble Potash (K2O).....	18.0%
Manganese (Mn).....	0.1%
Zinc (Zn).....	0.1%

Derived from:

Mono Potassium Phosphate, Potassium Hydroxide, Manganese EDTA, Zinc EDTA

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

GENERAL INFORMATION

Transphite is a water-soluble foliar nutritional fertilizer of macronutrients. It is designed for foliar application and may be applied alone or in tank mixes containing pesticides. However, when use of an unfamiliar mix is made, a compatibility test is always recommended. Foliar fertilization is a supplement to a regular fertilizer program and will not supply the total nutrients required by a crop. Transphite is recommended as foliar nutrition to be applied to crops where insufficient nutrient levels are indicated by laboratory tissue analysis.

SPRINKLER AND DRIP CHEMIGATION:

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent

fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional, pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment.

Use a pesticide supply tank that is equipped with a means for continuous agitation either by recirculation or a mechanical agitator. Charge the supply tank with the appropriate amount of water and add the pesticide slowly followed by any stick-spreaders, insecticides, nutrients, etc. Observe all directions, cautions and limitations on the label of the product(s) being mixed.

Apply the pesticide towards the end of the irrigation period. Exact timing will depend on the desired pesticide application rate and calibration of the system. Complete the pesticide injection in sufficient time to allow the pesticide to be completely flushed out of the irrigation system before the system is shut down.

CONDITIONS OF SALE

Seller warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed herein. Seller neither makes nor authorizes any agent or representative to make, any other warranty of FITNESS or MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

Critical and unforeseeable factors beyond seller's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risk occur even though the product is reasonably fit for the uses stated herein, and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by seller under 1. above) resulting from handling, storage and use of the material.

NET CONTENTS: 2½ GALLONS or Bulk

NET WEIGHT: 11.1 lbs./gallon

For Information Contact

**D & M Chemical
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Moxee, Wa. 98936
509-454-8154**

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DIRECTIONS FOR USE

Mix the desired amount of Transphite in water before adding to the spray tank. With proper agitation Running, add Transphite to the spray tank. Add Transphite to the spray tank before adding pesticides. Spray immediately after mixing. Do not store solution mixed with pesticide!

CROP	RATE/ACRE	NUMBER & TIMING OF APPLICATIONS
Alfalfa	2-8 pts/acre	Apply as soon as soil temperature reaches 55° at 6" and repeat after cutting as required.
Almonds, Pistachios	2-8 pts/acre	2-3 applications as required from post bloom to hull split as required.
Apples	2-8 pts/acre	2-3 applications starting at immediate post bloom through early sizing, including 14-21 days post harvest.
Apricots, Nectarine, Peaches	2-8 pts/acre	2-3 applications starting at blossom drop to early color, including post harvest. Use lower rates when fruit begins to color.
Avocados	2-8 pts/acre	Multiple applications as required. Do not apply within 30 days of harvest.
Caneberries	2-8 pts/acre	2 applications, one each immediately post bloom and 21-30 days later.
Celery, Chicory	2-8 pts/acre	2-3 applications during the season as required.
Cherries, Plums, Prunes	2-8 pts/acre	2-3 applications starting at blossom drop to early color, including post harvest. Use lower rates when fruit begins to color.
Citrus	2-8 pts/acre	Multiple applications as required.
Cotton	2-8 pts/acre	2-3 applications from squaring to full boll development.
Cucumbers, Melons	2-8 pts/acre	2-3 applications from bloom through fruit sizing.
Dry Beans such as: Kidney, Pintos, Limas	2-8 pts/acre	2 applications, one each immediately pre-bloom and again 30-45 days later.
Grapes	2-8 pts/acre	2-3 applications from post shatter through early ripening.
Hops	2-8 pts/acre	Multiple applications, including post harvest.
Kiwi	2-8 pts/acre	2-3 applications from pre-bloom to full sizing.
Ornamentals:	2-6 pts/acre	Multiple applications as required during growing season with one application after September 1st. For
Woody Plants		winter hardiness.
Pears	2-8 pts/acre	3 applications, one each at post bloom, 30-45 days pre-harvest, and 14-21 days post harvest.
Peppers, Tomatoes	2-8 pts/acre	2-3 applications from bloom to first color.
Potatoes	2-8 pts/acre	2-3 applications from flowering through tuberization.
Strawberries	2-8 pts/acre	2 applications, one each at bloom and 21-30 days later.
Sugar Beets	2-8 pts/acre	2-3 applications from early beet development at 21-30 day intervals.
Sweet Potatoes	2-8 pts/acre	2-3 applications from flowering through tuberization.
Table Grapes	2-8 pts/acre	2-3 applications as required from shatter to ripening.
Turf	3-6 ounces per 1000 sq. feet in a minimum of 2¼ gallons of water	Apply as required based on desired color and growth.
Walnuts	2-8 pts/acre	2-3 applications as required from catkin elongation until June 15th.

For aerial application use a maximum of 3 pints of Transphite per 10 gallons of water.

Rates suggested are for standard spray volumes of 40-150 gal/acre. For higher volume sprays, rate should be adjusted.

Caution: Store Transphite in temperatures between 41° F to 104°F and avoid extreme variations in temperature.

A reversible separation of ingredients may occur after long storage, this however does not affect quality or effectiveness of the product.

DO NOT COMBINE WITH COPPER SPRAYS AS PHYTOTOXICITY CAN OCCUR.

Transphite may be mixed with lower recommended rates of low biuret urea.

Use caution when applying to fruiting crops in combination with pesticides and/or surfactants. Use minimal effective rates of stickers during ripening. Do not use high analysis organo silicones or high analysis non-ionics during ripening. Avoid application to fruit at elevated temperatures(>95°). Avoid applications to crops under environmental stress or pest pressure. Maximum effectiveness will be obtained when applied early in the morning or after dusk.