

# ASCO

# PHITE

ASCOPHYLLUM NODOSUM SEAWEED

## 0-9\*-11 Guaranteed Analysis

Total Phosphoric Acid (P<sub>2</sub>O<sub>5</sub>)\*.....9.0%  
Soluble Potash (K<sub>2</sub>O).....11.0%

Derived from Ascophyllum nodosum, Phosphorous Acid, and Potassium Hydroxide

### ALSO CONTAINS NON PLANT FOOD INGREDIENT(S):

#### 9.7% Ascophyllum nodosum (microbe food)

*\*With foliar application, phosphite ions are taken up directly by the plant foliage and may undergo a degree of conversion to phosphate ions, or are utilized directly by the plant as phosphite ions.*  
*\*As a soil application to annual crops, a lesser response from the initial crop, with a corresponding superior response from succeeding crops may be observed. In addition, placement close to seeds or root zones may be injurious to crops. The effect may be aggravated by a soil pH below 6.5.*  
*\*Phosphorous acid products are for use as a supplemental fertilizer treatment.*

**GENERAL INFORMATION:** ASCOphite is intended to provide a source of phosphorous acid and water soluble seaweed extract. ASCOphite is for use in foliar sprays and water run applications. It is intended to be a supplement to a fertility program. Always monitor crop nutrient needs and responses with a soil, leaf tissue and irrigation water analysis program.

**DIRECTIONS FOR USE:** ASCOphite can be foliar applied or water run. It is recommended to apply this product in conjunction with other crop nutrients, fertilizers, and micro nutrients in dilute tank mixes. Do NOT blend concentrated products without dilution with water.

MINIMUM AMOUNT OF PRODUCT (0.5% CONCENTRATION OR A MINIMUM OF 2 PINTS)	MAXIMUM AMOUNT OF PRODUCT (2% CONCENTRATION)	FINISHED SPRAY SOLUTION PER ACRE
2 PINTS	2.5 PINTS	15 GALLONS
2 PINTS	3 PINTS	20 GALLONS
2 PINTS	1 GALLON	50 GALLONS
4 PINTS	2 GALLONS	100 GALLONS
6 PINTS	3 GALLONS	150 GALLONS

**PRECAUTIONS:** Due to the dark color of this material, slight spotting of the harvested portion of the plant may occur with late season foliar applications. Where spotting may occur, (particularly on light green colored plant material or harvested material that is not washed post-harvest,) do not apply within 30 days of the targeted harvest date unless experience dictates otherwise. Apply with an appropriate adjuvant and spray dilution rate to avoid concentration of the spray solution during the drying period. Avoid combining with materials that may cause russetting or staining.

**COMPATIBILITY:** This product has a near neutral pH and is not typically compatible with various acid materials and most calcium containing fertilizers. Contact a Source To Source representative for a list of compatible mixes. Jar test for compatibility prior to mixing with any pesticides, fertilizers or fertilizer blends. For unfamiliar mixes, an appropriate amount of the final mix should be applied to a small area of the intended crop to ensure plant compatibility prior to the planned application. User assumes full responsibility to ensure product, equipment and plant compatibilities. This material is typically safe to be applied with copper fungicide sprays.

**STORAGE AND SHELF LIFE:** Store in a sealed container in cool, dry location, at temperatures above freezing.



GUARANTEED BY:  
Source to Source  
3233 South I Street - Tulare, CA 93274 - TOLL FREE (866) 727-4572



## SUGGESTED APPLICATION RATES & TIMINGS

**TREE NUTS**  
**FOLIAR:** Apply 1.0– 2.5 gallons per acre in bloom sprays. Apply additional applications of 6 pints – 2.5 gallons per acre starting at nut fill through hull split in 14-21 day intervals.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**POME FRUIT**  
**FOLIAR:** Apply 1.0 – 2.5 gallons per acre at early bloom, petal fall, jackets off, and hard pit. Additional applications of 5 pints - 1.5 gallons per acre can be made at 14-21 day intervals up to color break. Applications after color break may delay fruit maturity due to seaweed content. On heavy setting varieties, avoid application until petal fall.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**STONE FRUIT**  
**FOLIAR:** Apply at 1.0 – 2.5 gallons per acre at early bloom, petal fall, jackets off, and hard pit. Additional applications of 5 pints - 1.5 gallons per acre can be made at 14-21 day intervals up to color break. Applications after color break may delay fruit maturity due to seaweed content. Oh heavy setting varieties, avoid application until petal fall.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**CITRUS**  
**FOLIAR:** Apply 1 – 3 gallons per acre at pre-bloom, bloom and petal fall. Additional applications can be made 14-28 days through harvest.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**AVOCADO**  
**FOLIAR:** Apply 1.5 – 3 gallons per acre at pre-bloom, bloom and petal fall. Additional applications can be made 14-28 days through harvest.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**BERRIES**  
**FOLIAR:** Apply 4-8 pints per acre beginning prior to first flowering. Repeat every 7-10 days up to and including harvest.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**GRAPES**  
**FOLIAR:** Apply 6 pints – 2 gallons per acre in 7-10 day intervals, beginning at 4-6" shoot growth up through pre-bloom. Avoid applications within 7 days prior to berry set. Avoid pre-bloom applications in varieties that are prone to under shatter at bloom. Apply in sizing sprays and again at soft berry at 6 pints – 2 gallons per acre. Applications after berry softening may delay fruit color development. Apply post harvest at 6 pints – 1.5 gallons per acre.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.  
**PRECAUTIONS:** Avoid pre-bloom application in varieties that are prone to under shatter at bloom. Use maximum rate in Pre-Bloom sprays on varieties that tend to over shatter.

**KIWI**  
**FOLIAR:** Apply 1 – 3 gallons per acre at pre-bloom, bloom and petal fall. Additional applications can be made 14-28 days through harvest.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**ROOT CROPS**  
**FOLIAR:** Apply 6 pints – 1.5 gallons per acre after transplanting, thinning or at 4-6 true leaves. Additional applications can be made at 10-14 day intervals.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**FLOWERING VEGETABLES**  
**FOLIAR:** Apply 6 pints – 1.5 gallons per acre prior to first flower. Repeat applications at every 7-10 days up to and including harvest.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**COLE CROPS**  
**FOLIAR:** Apply 6 pints – 1.5 gallons per acre after transplanting, thinning or at 4-6 true leaves. Repeat applications can be made at 10-14 day intervals.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**MELONS**  
**FOLIAR:** Apply 6 pints – 1.5 gallons per acre prior to first flower. Repeat applications every 7-10 days up to and including harvest.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**BULBS**  
**FOLIAR:** Apply 6 pints – 1.5 gallons per acre after transplanting, thinning or at 4-6 true leaves. Additional applications can be made at 10-14 day intervals.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

**LEAF GREENS, except spinach**  
**FOLIAR:** Apply 4-8 pints per acre after transplanting, thinning or at 4-6 true leaves. Repeat applications can be made at 10-14 day intervals.  
**WATER RUN:** Apply 0.5 -1.0 gallon per acre. Repeat 4 times per year, in addition to foliar applications.

NOTICE: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. Buyer shall assume all risks of use including, but not limited to crop injury, ineffectiveness or other unintended consequences as may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of the seller. In no case shall Source to Source be liable for consequential, special or indirect damages resulting from the use or handling of this product. Always refer to the label on the product before use. ASCOphite™ is a trademark product of Source to Source, Tulare CA. Information regarding the contents and levels of metals in this product is available by calling 866-727-4572. This label is for use in the following states: California and Arizona. For use in other states please contact your Source to Source dealer, as labels may vary by state.



**WARNING**  
Causes skin irritation. Causes serious eye irritation. Wear protective gloves/protective clothing/eye protection. Do not handle until all safety precautions have been read and understood. Do not taste or swallow. REF: SDS0621.04



**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

NOT FOR USE IN ORGANIC CROP AND ORGANIC FOOD PRODUCTION

SEE LABEL ON PRODUCT FOR NET CONTENTS. THIS PRODUCT IS AVAILABLE IN:  
BULK, 5 GALLONS (18.93 LITERS)  
DENSITY: 10.5 LBS PER GALLON (1.26 KGS PER LITER) @ 68°F

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