

ASCO K

ASCOPHYLLUM NODOSUM SEAWEED

3-13-38

GUARANTEED ANALYSIS

Total Nitrogen (N).....	3.0%
2.7% Nitrate Nitrogen	
0.3% Urea Nitrogen	
Available Phosphoric Acid (P ₂ O ₅).....	13.0%
Soluble Potash (K ₂ O).....	38.0%
Sulfur (S).....	5.0%

Derived From: Urea, Mono Potassium Phosphate, Potassium Nitrate, Potassium Sulfate and Ascophyllum nodosum

WARNING



HAZARD STATEMENT: Harmful if swallowed. Causes serious eye irritation.

PRECAUTION STATEMENT: Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Dispose of contents/container in accordance with local/regional/national/international regulations. If swallowed: Call a poison center/doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse mouth. If eye irritation persists: Get medical advice/attention.

54.48% of the mixture consists of component(s) of unknown acute oral toxicity.
80% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment.

REFERENCE: SDS0290.01

GENERAL INFORMATION

ASCO K is a water soluble, crystalline blend of N, P, K and Ascophyllum nodosum seaweed extracts.

Each pound of this material contains
0.03 lbs of Nitrogen (0.003 as Urea, 0.027 as Nitrate)
0.13 lbs of P₂O₅ as Orthophosphoric acid
0.38 lbs of Potassium

This product is for use in water run applications and foliar sprays. 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

FOLIAR APPLICATIONS

• ASCO K may be foliar applied. In a clean spray tank, add ASCO K and dry fertilizers to water and agitate. Add liquid fertilizers and crop protection chemicals, spray oils and any surfactants last, continuing agitation. When tank mixing with spray oils, or oil concentrates, always add ASCO K into the spray tank first, dissolve with agitation, then add the spray oil. Adding any surfactant to spray water before adding product may result in the powder particles being coated by the surfactant, rendering them insoluble and unusable. The use of very cold mix water will require that the product be added slower to the tank and agitated longer prior to application. Concentration should not be less than 0.48% or exceed 2.4% in the finished spray solution. Do not tank mix with HIGH RATES OF basic metal sulfates or strongly acidic materials. Always use enough water for uniform application and to prevent possible plant tissue damage to the intended crop from concentrated droplets. A foam reduction product may be needed in some fertilizer or tank mixes. Avoid concentrated tank mixes with a final pH below 5.0. Verify that the final tank pH is within the desired range for the crop protection products. Contact your Source to Source representative for rates when using low-volume and electrostatic sprayers. Do not foliar-apply during times of moisture or heat stress. Apply during the cool part of the day, or when temperatures are below 85° F. Do not apply under windy conditions, or other conditions that promote fast drying of leaf surfaces.

Foliar Spray Concentration Ratio Examples:

MINIMUM AMOUNT OF PRODUCT (0.48% CONCENTRATION)	MAXIMUM AMOUNT OF PRODUCT (2.4% CONCENTRATION)	FINISHED SPRAY SOLUTION PER ACRE
*1.0 LB	3.0 LB	15 GALLONS
1.0 LB	5.0 LB	20 GALLONS
2.0 LB	10.0 LB	50 GALLONS
4.0 LB	**10.0 LB	100 GALLONS
6.0 LB	**10.0 LB	150 GALLONS

*1 lb is the minimum recommended application rate.

**10 lbs is the maximum recommended application rate.

WATER RUN

APPLICATION RATE : 5-10 LBS PER ACRE FOR ALL CROPS.

- This material may be water run via drip, microsprinklers, flood, furrow and/or overhead sprinklers.
- When applying this material via a fertigation system, continue to operate the system 30-60 minutes after material has completely injected to flush clean water through the system.

PRECAUTIONS

- It is recommended to avoid applications 30 days or less prior to harvest, 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 close to 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.
- This product is not recommended for applications during bloom periods.
- Do not apply with copper fungicide sprays.
- Re-seal bag after each use. Avoid contact with moisture prior to use.

Source To Source Foliar Application Rates Per Acre and Timings

ASCO K is recommended but not limited to the following crops:

POME FRUIT (Apples & Pears)	Apply 5-10 lbs of ASCO K per acre in mid to late season sprays. Apply 5 lbs per acre with summer insecticide sprays or apply 3-5 days prior to heat stress events. Do not exceed a seasonal total of 35 lbs per acre. <i>Caution: Avoid combining with materials that may cause russetting or staining. Do not apply within 30 days of harvest in varieties prone to staining or inking.</i>
STONE FRUIT, KIWIS, PERSIMMONS, & POMEGRANATES	Apply 5-10 lbs of ASCO K per acre in 14 day (or greater) intervals, starting at petal fall and continuing up to 30 days prior to harvest. Apply 5 lbs per acre with summer insecticide sprays or apply 3-5 days prior to heat stress events. Apply 5-10 lbs of ASCO K per acre in a Post Harvest application. Do not exceed a seasonal total of 35 lbs per acre.
CITRUS, AVOCADOS & OLIVES	Mature Trees: 5-10 lbs of ASCO K per acre in 14 day (or greater) intervals, starting at petal fall through late season sprays. Apply 5 lbs per acre with summer insecticide sprays or apply 3-5 days prior to heat stress events. Do not exceed a seasonal total of 35 lbs per acre. Non-Bearing Trees: Apply 2-5 lbs of ASCO K per acre in 14 day (or greater) intervals. Do not exceed a seasonal total of 25 lbs per acre.
GRAPES (Table, Wine, Raisin, DOV)	Apply 5-10 lbs of ASCO K per acre in post bloom sprays. Repeat in 7-10 day intervals until veraison. Apply 5 lbs per acre with summer insecticide sprays or apply 3-5 days prior to heat stress events. Apply 5-10 lbs post harvest. Do not exceed a seasonal total of 35 lbs per acre. <i>Caution: Do not apply within 30 days of harvest in varieties prone to staining.</i>
BERRIES (Blueberries, Raspberries, Strawberries)	Apply 5 lbs of ASCO K per acre post bloom or when deficiency symptoms appear. Repeat in 7-14 day intervals as needed. Apply 5 lbs per acre with summer insecticide sprays or apply 3-5 days prior to heat stress events. Do not exceed a seasonal total of 35 lbs per acre.
TREE NUTS (Almonds, Walnuts, Pecans, Pistachios & other nut crops)	Apply 5-10 lbs of ASCO K per acre starting in petal fall sprays. Repeat application in 21 day (or greater) intervals through and including hull split. Apply 5-10 lbs of ASCO K per acre in a Post Harvest application. Apply 5 lbs per acre with summer insecticide sprays or apply 3-5 days prior to heat stress events. Do not exceed a seasonal total of 35 lbs per acre.
FLOWERING VEGETABLES & MELONS	Apply 1-5 lbs per acre in ground or air applications when plants have 6" to 8" new growth. Repeat as needed in 10-14 day intervals through the end of flowering, for a season maximum total of 20 lbs.
COTTON & FORAGE (Alfalfa, Grasses/Hay, Timothy Grass)	Apply 3-5 lbs of ASCO K per acre in ground or air applications when plants are 3 to 4 weeks old. Repeat as needed in 21 day (or greater) intervals through the end of flowering, for a season maximum total of 30 lbs.

THIS MATERIAL CONTAINS 0.03 LBS OF NITROGEN IN EACH POUND OF PRODUCT.

COMPATIBILITY

This product has a mildly acidic pH and is not typically compatible with various alkaline 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. Application with copper fungicide sprays is not recommended.

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.

ASCO™ 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 your Source To Source Representative at 866-727-4572.

This label is for use in California. For use in other states please contact your Source to Source dealer, as labels may vary by state.



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

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Tulare, CA 93274
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**NOT FOR USE IN
ORGANIC CROP AND
ORGANIC FOOD
PRODUCTION**

This material is available in: 25 LBS (11.3KG)

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