



NUTRITIONAL FORMULATION 1-8-0

DERIVED FROM: Monoammonium phosphate, Kelp extract

KEEP OUT OF REACH OF CHILDREN

For Product Use Information: 1-866-761-9397 SDS is available at www.arysta-na.com

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

Produced by:

Arysta Lifescience North America, LLC 15401 Weston Parkway, Suite 150 Cary, NC 27513 F-1721

AD060115V3 103690-C

NET WEIGHT: NET CONTENTS: WEIGHT PER GALLON: 22.80 POUNDS (10.34 KILOGRAMS) 2.5 GALLONS (9.46 LITERS) 9.13 POUNDS (4.14 KILOGRAMS)

68° F



INFORMATION

CINETIS[™] is a liquid fertilizer formulation of available nitrogen and phosphorus. **CINETIS** is formulated to provide the plant with N & P. Optimum levels of these nutrients provide the opportunity for vigorous plant growth and fruit development.

DIRECTIONS FOR USE

Shake container well before pouring. Add **CINETIS** to partially filled spray tank. All other spray materials should be added prior to **CINETIS**.

COMPATIBILITY

CINETIS is compatible with most fungicides and insecticides provided they are used in accordance with the registered label directions. Some compatibility problems may occur with alkaline mixtures (lime, sulphur) and with spreader stickers containing ethanol or liquid fertilizers containing orthophosphates. In unfamiliar mixings, proceed to the usual jar compatibility test prior to tank mixing in the following manner. Add 30 fl. oz. (20 parts) water to a glass jar with at least one quart capacity, then add 1.5 fl.oz. (1 part) **CINETIS** and 0.5 fl.oz. (1/3 part) of the product to be tank mixed. Shake well and allow to stand for at least 5 minutes. Observe to determine if any flocculation, precipitation or unusual settling occurs.

VEGETABLE CROPS

CUCURBIT VEGETABLE CROP GROUP 9: Including but not limited to Watermelons, Cantaloupes, Cucumbers, Pumpkins, Squash, etc.: Rate per acre per application: 16-32 fl.oz. 1) at first flower. 2) 7-14 days later. 3) 7-14 days later. 4) continue at 7-14 day intervals until harvest.

FRUITING VEGETABLE CROP GROUP 8: Including but not limited to Tomatoes, Peppers, etc.: Rate per acre per application: 16-32 fl.oz. 1) at first flower. 2) 7-14 days later. 3) 7-14 days later. 4) continue at 7-14 day intervals until harvest.

LEAFY VEGETABLE CROP GROUPS 4 & 5: Including but not limited to Celery, Head Lettuce, Leaf Lettuce, Romaine Lettuce, Spinach, Broccoli, Cauliflower, Cabbage, etc.: Rate per acre per application: 24-32 fl.oz. 1) at 4-5 leaf stage. 2) 7-14 days later. 3) 7-14 days later.

PEAS AND BEANS: Edible Podded and Succulent Shelled Pea and Bean and Dried Shelled Pea and Bean Crops of Crop Group 6: Including Snap Beans, Peas, Edible Beans, etc.: Rate per acre per application: 12-16 fl.oz. 1) at early bloom. 2) at early pod.

ROOT & TUBER VEGETABLE CROP GROUP 1: Including but not limited to Potato (russets, reds, whites, yellows and purples), Carrot, Radish & Sweet Potato: Rate per acre per application: 16-32 fl. oz. 1) Tuber initiation. 2) 15 days after first treatment.

SUGAR BEET: Rate per acre per application: 16-32 fl. oz. 1) 8-10 leaf stage. 2) 14-21 days later.

BULB VEGETABLE CROP GROUP 3: Including but not limited to Onion, (bulb & green), Leek, Garlic, Shallot, etc.: Rate per application: 16-32 fl. oz. 1) 3-4 leaf stage. 2) 7-14 days later.

ROW CROPS

COTTON: Rate per acre per application: 12-16 fl.oz. 1 application: At early to mid-bloom.

CEREAL GRAINS & GRASS CROPS: Including Wheat, Barley, Rice, etc.: Rate per acre per application: 12-16 fl.oz. 1 application at Feekes 5-11 growth stages.

CORN: Field, Sweet & Pop: Rate per acre per application: 12-16 fl.oz. 1 or 2 applications: V4-VT growth stage.

ALFALFA: Dosage per acre per application: 12-16 fl.oz. 1) At re-growth stage (early spring). 2) 8-10 days after each cutting.

SOYBEAN: Rate per acre per application: 16-26 fl.oz. 1 application: At R3-R5.

OIL SEED CROPS

CANOLA: Rate per acre per application: 12-16 fl.oz. 1 application: Beginning of stem elongation.

CAMELINA: Rate per acre per application: 12-16 fl.oz. 1 application: Budding to early flower.

FLAX: Rate per acre per application: 12-16 fl.oz. 1 application: Before onset of flowering.

MUSTARD: Rate per acre per application: 12-16 fl.oz. 1 application: Budding to early flower.

SUNFLOWER: Rate per acre per application: 16-32 fl.oz. 1 application: 3 pairs of true leaves to flower bud appearance.

HERBS, SPICES AND MINTS – Including but not limited to: Basil, Cilantro, Lemongrass, Sage, etc.: Rate per acre per application: 12-16 fl.oz. 1) At 4-5 leaf stage. 2) 7-14 days later.

FRUIT CROPS & NUT CROPS

POME FRUIT CROPS – Including but not limited to Apples & Pears: Rate per acre per application: 24-64 fl.oz. Two applications: 1) After fruit set. 2) Repeat 7-10 days later. Subsequent applications as needed during the growing season. A post-harvest application at 24-64 fl.oz. per acre is recommended.

STONE FRUIT – Including but not limited to Peaches, Nectarines, Apricots, Plums, Cherries: Rate per acre per application: 24-64 fl.oz. Two applications: 1) After fruit set. 2) Repeat 7-10 days later. Subsequent applications as needed during the growing season. A post-harvest application at 24-64 fl.oz. per acre is recommended.

GRAPE – Including Table Grape, Raisin, Wine & Muscadine grape, etc.: Rate per acre: 16-32 fl.oz. Multiple applications: 1) After berry set. 2) Repeat 7-14 days later. Subsequent applications: Every 7-14 days thereafter. A post-harvest application at 16-32 fl.oz. per acre is recommended.

CONCORD, NIAGARA AND OTHER AMERICAN CULTIVARS: Rate per acre: 16-32 fl.oz. Multiple applications: 1) 12-18 inch shoot growth. 2) At bloom stage. 3) After fruit set. Subsequent applications: Every 7-14 days thereafter. A post-harvest application at 24-32 fl.oz. per acre is recommended.

TABLE GRAPES (with seeds): Rate per acre: 24-64 fl.oz. Two applications: 1) Apply when berries = 9-12 mm. 2) Repeat when berries = 14-16 mm. Subsequent applications as needed during the growing season May be applied with growth regulator applications. A post-harvest application at 24-64 fl.oz. per acre is recommended.

CITRUS CROPS of Crop Group 10: Including Oranges, Lemons, Mandarins, etc.: Rate per acre per application: 24-64 fl.oz. Multiple applications: 1) Pre-bloom to early bloom. 2) Full bloom to petal fall. 3) Subsequent applications as needed during the growing season.

POMEGRANATE: Rate per acre per application: 24-32 fl.oz. Two applications: 1) Early bloom. 2) Petal fall. A post-harvest application at 24-32 fl.oz. per acre is recommended. Subsequent applications as needed during the growing season

OLIVES: Rate per acre per application: 16-32 fl.oz. Multiple applications: 1) Bud differentiation. 2) Early to full bloom. 3) 1st growth stage of fruit. Subsequent applications: Every 7-14 days thereafter. A post-harvest application at 16-26 fl.oz. per acre is recommended.

STRAWBERRIES: Rate per acre per application: 12-16 fl.oz. Multiple applications: 1) Within 14 days of transplant. 2) At first bloom. 3) 14-21 days later. Subsequent applications: Every 14-21 days thereafter.

BUSHBERRY CROPS of Crop subgroup 13B: Including Blueberry, etc.: Rate per acre per application: 24-48 fl.oz. Two applications: 1) recently formed fruit. 2) Repeat 7-10 days after. Subsequent applications as needed during the growing season. A post-harvest application at 24-48 fl.oz. per acre is recommended.

CANEBERRY CROPS of Crop subgroup 13A: Including Blackberry, Raspberry, etc.: Rate per acre per application: 16-32 fl.oz. Two applications: 1) recently formed fruit. 2) Repeat 7-10 days after. Subsequent applications as needed during the growing season. A post-harvest application at 16-32 fl.oz. per acre is recommended.

AVOCADOS: Rate per acre per application: 24-64 fl.oz. Multiple applications: 1) Pre-bloom to early bloom. 2) Full bloom to petal fall. Subsequent applications: Every 7-14 days thereafter. A post-harvest application at 24-64 fl.oz. per acre is recommended.

KIWI: Rate per acre per application: 16-32 fl. oz. Two applications: 1) Full bloom. 2) 7-10 days after. Subsequent applications as needed during the growing season

ALMONDS, PISTACHIOS, WALNUTS, PECANS: Rate per acre per application: 16-32 fl.oz. As needed after nutset during the growing season. Subsequent applications as needed during the growing season. A post-harvest application at 16-32 fl.oz. per acre is recommended.

FIGS: Rate per acre per application: 24-32 fl. oz. Two applications: 1) After fruit set. 2) Repeat 7-10 days later. Subsequent applications as needed during the growing season. A post-harvest application at 24-32 fl.oz. per acre is recommended.

For information on specific crop recommendations, please call 800-638-6673.

WARRANTY/LIMITATIONS:

Arysta LifeScience North America, LLC ("Arysta") warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on this label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use in application, all of which are beyond the control of Arysta. In no case shall Arysta be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. ARYSTA MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE EXCEPT AS STATED ABOVE.

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NUTRITIONAL FORMULATION

1-8-0

GUARANTEED ANALYSIS

| Total Nitrogen (N) | 1% |
|----------------------------------|----|
| 1% ammoniacal nitrogen | |
| Available Phosphate (P_2O_5) | 8% |

DERIVED FROM: Monoammonium phosphate, Kelp extract

KEEP OUT OF REACH OF CHILDREN

For Product Use Information: 1-866-761-9397

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