

Cal-X SC

Micronized calcium suspension concentrate for foliar and soil applications and coating granular fertilizer

GUARANTEED ANALYSIS:

Calcium (Ca)20%

Derived from: Calcium Carbonate

Non-Plant Food Ingredient:

Ecklonia maxima.....10%

This product should be used as part of a complete fertilizer program. This fertilizer should be used only as recommended. Product may be harmful if misused.

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

EMERGENCY TELEPHONE:

Chemtrec U.S.-Canada: 800-424-9300

Chemtrec International: 703-527-3887

Density 12.57 lbs/gal at 68°F

2.5 gallons (9.46 ℓ)
Net Weight: 31.4 lbs (14.26 kg)

2X2.5 gallons (2 x 9.46 ℓ)
Net Weight: 62.9 lbs (28.53 kg)

30 gallons (113.56 ℓ)
Net Weight: 377.1 lbs (170.1 kg)

275 gallons (1040.99 ℓ)
Net Weight: 3,457 lbs (1,568 kg)



WARNING

HAZARD STATEMENTS:

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

PREVENTION:

Avoid breathing dust.

Wash exposed skin thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves, eye protection.

RESPONSE:

IF ON SKIN : Wash with plenty of soap and water.

IF INHALED : remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing.

Call a POISON CENTER/doctor/physician if you feel unwell.

If skin irritation occurs, get medical advice/attention.

If eye irritation persists : Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

STORAGE

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

DISPOSAL

Dispose of contents/container in accordance with the waste disposal requirements of your country, state, or local authorities.

CAUTION

READ THE LABEL BEFORE USING.

KEEP OUT OF REACH OF CHILDREN AND PETS.

DIRECTIONS: SHAKE WELL BEFORE USE

Totes and drums should be mixed well before use and at least every 6 months with a recirculating pump or a Pulse Air mixer.

Read ALL labels carefully and adhere strictly to the instructions for use and advice regarding whether or not product(s) should be co-applied. Many variable can influence the performance of co-applied products and therefore co-application is entirely at the risk of the end-user. It is strongly recommended that a limited application is made initially when using unfamiliar product mixes. Before co-application of products you, or your advisor, must do a jar test.

Soil Application

All Crops:

2 to 4 quarts per acre. Apply throughout the season. Repeat at 7 to 10 day intervals as required. Water rate: Use sufficient water volume to ensure even application (5 gallons per acre minimum).

Guarantee:

Seller's guarantee shall be limited to the terms set out in the label and subject thereto. The buyer assumes all risk to persons or property arising from all use or handling of this product, and accepts the product on that condition.

Impregnation Fertilizer Rate:

Desired %	Application Rates Per Ton	Application Rates Per Ton
0.10%	0.80 gal. (3.04 L)	10 lbs. (4.54 kg)
0.20%	1.6 gal. (6.08 L)	20 lbs. (9.07 kg)
0.30%	2.4 gal. (9.12 L)	30 lbs. (13.61 kg)
0.40%	3.2 gal. (12.2 L)	40 lbs. (18.14 kg)
0.50%	4 gal. (15.2 L)	50 lbs. (22.68 kg)

*For further advice, please consult your HydroGro representative

Foliar Application Rates

Alfalfa: 1 to 2 quarts/acre after every cut when there is sufficient leaf cover to intercept the spray. Water rate: 5 to 50 gallons/acre.

Apples: Repeat applications of 1 to 2 quarts/acre applied from petal fall up to one month before harvest. A single application of up to 1 gallon/acre may be made from petal fall to just after "June drop". Minimum water rate: 30 gallons/acre.

Apricots: Regular applications of 1-2 quarts/acre at 7 to 14 day intervals from petal fall to one month before harvest. Note: Final application to be made at least one month before harvest. Under conditions conducive to fruit russet (variety, weather conditions, etc.) delay applications until 6 weeks after petal fall. Water rate: 15 to 50 gallons/acre.

Blueberries: Apply 1 to 2 quarts/acre, 10 days after petal fall has finished. Bushes being grown for a second cropping year should receive the fruiting year program again. Water rate: 50 gallons/acre.

Brassicas: 1 to 2 quarts per acre applied from the 4 to 9 leaf stage. Repeat as necessary at 10 to 14 day intervals until one month before harvest. Water rate: 5 to 50 gallons per acre.

Cabbage: 1 to 2 quarts/acre applied from the 4 to 9 leaf stage. Repeat as necessary at 10 to 14 day intervals until one month before harvest. Water rate: 5 to 50 gallons/acre.

Carrots: 1 to 2 quarts/acre applied when sufficient leaf area is present to intercept the spray. Repeat as necessary at 10 to 14 day intervals. Water rate: 5 to 50 gallons/acre.

Cherries: Regular applications of 1 to 2 quarts/acre at 7 to 14 day intervals from petal fall to one month before harvest. Note: Final application to be made at least one month before harvest. Under conditions conducive to fruit russet (variety, weather conditions, etc.) delay applications until 6 weeks after petal fall. Water rate: 15 to 50 gallons/acre.

Citrus: 1 to 2 quarts/acre from fruit set until one month before harvest at 10 to 14 day intervals. Water rate: 25 to 100 gallons/acre.

Conifers: 2 quarts/acre at start of new season leaf production and again in early autumn. Water rate: 50 to 100 gallons/acre.

Cotton: 1 to 2 quarts/acre at early flowering. Water rate: 3 to 20 gallons/acre.

Courgettes (Field Green): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Cranberries: 1 to 3 pints/acre at early bloom. Water rate: 50 gallons/acre.

Cucumber (Field Green): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Cucurbits (Field Green): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Garlic: 1-½ to 2 quarts/acre applied when the crop is 6 inches tall. Water rate: 5 to 50 gallons/acre.

Ginseng: 1 to 2 quarts/acre once new season growth is well underway. Repeat if necessary at 10 to 14 day intervals. Water rate: 50 gallons/acre.

Groundnuts: 1 to 2 quarts/acre at the 4 to 6 leaf stage followed by a second application 10 to 14 days later. Water rate: 3 to 20 gallons/acre.

Lettuce (Field Green): 1 to 2 quarts/acre applied 10 to 14 days after transplanting or emergence. Repeat as necessary at 10 to 14 day intervals until one month before harvest. Water rate: 5 to 50 gallons/acre.

Melons (Field Green): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Nectarines: Regular applications of 1 to 2 quarts/acre at 7 to 14 day intervals from petal fall to one month before harvest. Note: Final application to be made at least one month before harvest. Under conditions conducive to fruit russet (variety, weather conditions, etc) delay applications until 6 weeks after petal fall. Water rate: 15 to 50 gallons/acre.

Nuts (Deciduous): 1 to 2 quarts/acre 7 days after petal fall. Water rate: 50 gallons/acre.

Onions (Field Green): 1 to 2 quarts/acre applied at the 6 leaf stage. Repeat if necessary 10 to 14 days later. Also, 2 quarts/acre at bulb swelling, repeated once or twice at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.

Ornamentals: 1 to 2 quarts in 100 gallons water (0.6255 v/v) as soon as there is sufficient leaf area to obtain thorough coverage. Repeat at 10 to 14 day intervals as necessary. Avoid application during flowering. Spray a maximum of three applications per crop per annum. Note: Do not apply within one month of picking/marketing. Maximum water rate: 20 gallons/acre.

Peaches: Regular applications of 1 to 2 quarts/acre at 7 to 14 day intervals from petal fall to one month before harvest. Note: Final application to be made at least one month before harvest. Under conditions conducive to fruit russet (variety, weather conditions, etc) delay applications until 6 weeks after petal fall. Water rate: 15 to 50 gallons/acre.

Peanuts: 1 to 2 quarts/acre at the 4 to 6 leaf stage. Water rate: 3 to 20 gallons/acre.

Peas: 1 to 2 quarts/acre applied at the 4 to 6 inches stage. Consider a second application 10 to 14 days later. Water rate: 3 to 20 gallons/acre.

Peas: Repeat applications of 1 to 2 quarts/acre at 7 to 10 day intervals applied from petal fall up to one month before harvest. A single application of up to 2-4 quarts/acre may be made from petal fall to just after "June drop". Minimum water rate: 30 gallons/acre.

Peppers (Field Green): 1 to 4 applications of 1 to 2 quarts/acre from flowering on second truss onwards up to one month before harvest. Allow 7 days between applications. Water rate: 5 to 50 gallons/acre.

Plums: Regular applications of 1 to 2 quarts/acre at 7 to 14 day intervals from petal fall to one month before harvest. Note: Final application to be made at least one month before harvest. Under conditions conducive to fruit russet (variety, weather conditions, etc.) delay applications until 6 weeks after petal fall. Water rate: 15 to 50 gallons/acre.

Potatoes: 2 to 3 applications of 1 to 2 quarts/acre commencing at tuber initiation (when 50% of the tip swellings are twice the diameter of the rest of the stolon) and following petiole analysis during tuber bulking with 10 to 14 day intervals between applications. Water rate: 5 to 50 gallons/acre.

Soybean: 1 to 2 quarts/acre at the 4 to 6 leaf stage. Repeat if necessary 10 to 14 days later. Water rate: 3 to 20 gallons/acre.

Squash (Field Green): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Strawberry (Field Green): 1 to 2 quarts/acre applied three times from start of new season leaf growth at 10 to 14 day intervals. Last application to be made no later than one month before harvest commences. Water rate: 20 to 50 gallons/acre.

Sugar Beets: 1 to 2 quarts/acre at 4 to 6 leaf stage. Repeat if necessary at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.

Sweet Potatoes: 2 to 3 applications of 1 to 2 quarts/acre commencing at tuber initiation with 10 to 14 day intervals between applications. Water rate: 5 to 50 gallons/acre.

Tobacco: 1 to 2 quarts/acre applied two to three weeks after transplanting (3 to 4 leaf stage) and again 10 days later. Water rate: 3 to 50 gallons/acre.

Tomatoes (Field Green): Repeat applications of 1 to 2 quarts/acre from the 4 to 6 leaf stage up to one month before harvest. Allow 7 days between applications. Water rate: 5 to 50 gallons/acre.

Turnip: 1 to 2 quarts/acre applied from the 4 to 9 leaf stage. Repeat as necessary at 10 to 14 day intervals until one month before harvest. Water rate: 5 to 50 gallons/acre.

Vines: Three applications of 1 to 2 quarts/acre at bunch closure (pea sized berries), start of ripening and two weeks later. Water rate: 20 gallons/acre.

Water Melons (Field Green): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.

Zucchini (Field Green): Repeat applications of 1 to 2 quarts/acre at 7 day intervals during fruit development up to one month before harvest. Water rate: 20 to 50 gallons/acre.