



Knowledge grows

YaraVita[®] SENIPHOS[™]

A formulated product for the treatment of calcium and phosphorus related disorders in fruit and other crops

Guaranteed Analysis	
Total Nitrogen (N)	3%
Ammoniacal Nitrogen	2%
Nitrate Nitrogen	1%
Available Phosphate (P ₂ O ₅)	23%
Calcium (Ca)	3%
Derived from Ammonium Nitrate, Calcium Phosphate, Ammonium Phosphate, Phosphoric Acid	

The information provided is accurate to the best of Yara's knowledge and belief. Any recommendations are meant as a guide and must be adapted to suit local conditions.



Benefits

- Formulated for safe application at critical growth stages to satisfy crop requirements
- Widely tank mixable with other crop sprays. Visit www.tankmix.com/yara for details.
- Proven, reliable performance. Tried and tested on a wide range of crops around the world
- High quality, consistent product. Manufactured to ISO 9001 quality assurance standards
- Easy to use liquid formulation. Pours and disperses easily and quickly into the spray tank.
- High nutrient content means lower application rates reducing handling time and waste packaging

Product Recommendations

Typical Crop Recommendations*

- **Alfalfa:** 1-2 quarts per acre when sufficient leaf cover to intercept spray. Then 1-2 quarts per acre one week after every cut. Water rate: 20 gallons per acre.
- **Almond, Nuts (deciduous):** Two to five applications of 1-4 quarts/acre at 7 to 14 day intervals commencing at petal fall. Water rate: 50 to 100 gallons/acre..
- **Apples:** 3 to 8 applications of 1-4 quarts/acre at 10 to 14 day intervals commencing at petal fall. One or two applications (7 days apart) should be applied alone once the fruit has started to change color, normally 2 to 3 weeks before harvest. Water rate: 50 to 100 gallons/acre.
- **Apricots, Cherries, Nectarines:** 2 to 5 applications of 1-4 quarts/acre at 7 to 14 day intervals commencing at petal fall. Water rate: 50 to 100 gallons/acre.
- **Asparagus:** 3 applications of 2 quarts/acre applied to ferns prior to senescence. Water rate: 20 gallons/acre
- **Blackcurrant:** 3 applications of 4 quarts/acre. 50% fruit set, 100% fruit set and fruit swelling. Water rate: 50 gallons/acre
- **Blueberries:** 2-4 quarts/acre applied 7-10 days after petal fall. Repeat during berry sizing. Water rate: 100 gallons/acre.
- **Canola:** 4 quarts/acre at onset of stem extension. If appropriate, consider a second application 10 to 14 days later. Water rate: 3 to 20 gallons/acre.
- **Carrots:** 2 quarts/acre. 2 to 3 applications when crop is 15 cm tall and at 7 to 10 day intervals. Water rate: 20 gallons per acre.
- **Cereals:** 2 quarts/acre at tillering. Repeat at 10 to 14 day intervals if necessary. Water rate: 5 to 20 gallons/acre.
- **Citrus:** 4 quarts/acre at fruit set with 1 to 2 further applications at 10 to 14 day intervals. Water rate: 50 to 100 gallons/acre.
- **Cotton:** 2 quarts/acre from 10% flowering at 14 day intervals. Water rate: 30 gallons/acre.
- **Cole Crops, Broccoli, Brussel Sprouts, Cabbage, Calabrese, Cauliflower:** 2 to 3 applications of 1-4 quarts/acre from stem extension/head development at 7 to 14 day intervals. Water rate: 7.5 to 20 gallons/acre.
- **Corn:** 2 quarts/acre at 4 to 8 leaf stage. Water rate: 20 gallons/acre.
- **Cranberries:** 1 gallon/acre at fruit set, «Pinhead». Water Rate: 50 gallons/acre
- **Cucumber (field grown):** 1-3 applications of 1-2 quarts at 7 day intervals commencing at fruit set. Water rate: 20 to 30 gallons per acre.
- **Cucurbits (field grown):** 3 to 5 applications of 2 quarts/acre at 7 day intervals commencing at fruit set. Water rate: 30 gallons/acre
- **Garlic:** 1 to 2 applications of 2 quarts/acre during bulb filling, with a 10 to 14 day interval between sprays. Water rate: 7.5 to 20 gallons/acre.
- **Ginseng:** 2 quarts/acre applied once the new season growth is well underway. Repeat applications at 10 to 14 day intervals may be necessary for moderate to severe deficiency. Water rate: 50 gallons/acre
- **Groundnuts/Peanuts:** 2 quarts/acre at the 4 to 6 leaf stage. Repeat as necessary at 10 to 14 day intervals. Water rate: 20 gallons/acre
- **Lettuce (field grown):** 2 to 3 applications of 2 quarts/acre commencing 10 to 14 days after transplanting or emergence with 7 to 10 day intervals between applications. Water rate: 20 to 50 gallons/acre
- **Melons (field grown):** 1½ to 2 quarts/acre at start of flowering. Repeat at 10 to 14 day intervals if necessary. Water rate: 50 gallons/acre
- **Nursery/Ornamentals:** 2 gallons in 100 gallons water (2 % v/v) as soon as there is sufficient leaf area to intercept a spray. Repeat at 10 to 14 day intervals as necessary. Avoid applications during flowering. Spray a maximum of three applications per crop per annum. Maximum water rate: 20 gallons/acre.
- **Olive:** 1 to 4 quarts per acre before flowering. Repeat at 1-2 quarts per acre 10 to 14 days after flowering. Water rate: 50 to 100 gallons per acre.
- **Onions:** 1 to 2 applications of 2 quarts/acre during bulb filling, with a 10 to 14 day interval between sprays. Water rate: 20 gallons/acre
- **Peas:** 2 quarts/acre before flowering. Water rate: 3 to 20 gallons/acre.
- **Pears:** 3 to 8 applications of 1- 4 quarts/acre at 10 to 14 day intervals commencing at petal fall. Water rate: 50 gallons/acre.
- **Peppers (field grown):** Up to 4 applications of 2 quarts/acre commencing from flowering on second truss. Repeat at 10 to 14 day intervals. Water rate: 50 gallons/acre.
- **Plums:** 2 to 5 applications of 2-4 quarts/acre at 7 to 14 day intervals commencing at petal fall. Water rate: 50 to 100 gallons/acre. For red coloration: Seniphos at 4 quarts/acre in 100 gallons of water has been shown to enhance red coloration. Seniphos should be applied Alone and NOT mixed with agrichemicals. One or two applications (7 days apart) should be made once the fruit has started to change colour, normally 2 to 3 weeks before harvest.
- **Potatoes:** A minimum of 2 applications of 2 to 4 quarts/acre during tuber bulking (as soon as first formed tubers are ½» in diameter) and following petiole analysis during tuber bulking. Allow 10 to 14 days between applications. Water rate: 20 gallons/acre.
- **Raspberry:** 3 applications of 1- 4 quarts/acre. Start of flowering, end of flowering and fruit development. Water rate: 50 gallons/acre

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Product Recommendations

Typical Crop Recommendations (cont'd)*

- **Rice:** 2 quarts/acre applied 25 to 30 days after sowing and once again before flowering. Water rate: 20 to 40 gallons/acre.
- **Sorghum:** 1-2 pints/acre at the 4 to 8 leaf stage. Water rate: 3 to 20 gallons per acre.
- **Soybeans:** 2 quarts/acre before flowering. Water rate: 3 to 20 gallons/acre.
- **Spinach:** 1-2 quarts/acre applied from the 4 to 6 leaf stage. Repeat in 10-14 day intervals. Water rate: 20 gallons per acre.
- **Strawberries (field grown):** Non-everbearing varieties: 3 applications of 1- 4 quarts/acre from start of flowering. Repeat applications at 7 to 10 day intervals. Everbearing varieties: Divide a total rate of 12 quarts/acre into 6 applications of 2 quarts/acre. Do not apply successive applications at intervals of less than 10 to 14 days. Water rate: 20 to 50 gallons/acre. Strawberries (field grown in Florida): Regular applications of 1 to 2 quarts/acre from start of flowering. Repeat applications at 7 to 10 intervals. Water rate: 20 to 50 gallons/acre.
- **Sugar Beet:** 2 quarts/acre at 4 to 6 leaf stage. For moderate to severe deficiency, repeat applications should be made at the above rate at 10 to 14 day intervals. Water rate: 7.5 to 20 gallons/acre.
- **Sunflower:** 2 quarts/acre at the 3 to 4 leaf stage. Water rate: 5 to 20 gallons/acre.
- **Sweet Potatoes:** 2 quarts/acre one week after 100% emergence or transplanting. Repeat applications during tuber bulking at 10 to 14 day intervals. Also, apply at the same rate following recommendation from analysis. Water rate: 20 gallons/acre
- **Turf:** 1.5 fl.oz./1000 sq.ft. as soon as growth commences in spring. Repeat sprays at 10 to 14 day intervals as necessary. Water rate: 0.5 gallons/1000 sq.ft.
- **Vines:** 1-4 quarts/acre at fruit set and repeated at 10 to 14 day intervals till color break. Water rate: 50 gallons/acre.
- **Tobacco:** 1-2 qts/acre 2-3 weeks after transplanting. Repeat application 10-14 days later. Water rate 3 to 50 gallons per acre.
- **Tomatoes (field grown):** 2 to 4 applications of 2 quarts/acre commencing from flowering on second truss. Repeat at 10 to 14 day intervals. Water rate: 3 to 50 gallons/acre.
- **Zucchini/Courgette (field grown):** 3 to 5 applications of 1-2 quarts/acre at 7 day intervals commencing at fruit set. Water rate: 20 gallons/acre.

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