Knowledge grows

YaraVita™ SENIPHOS

Foliar phosphorus and calcium treatment for agricultural and horticultural use		
Guaranteed Analysis: total and water soluble		
Phosphorus (P)	13.5 %	135 g/l
Calcium (Ca)	4.0 %	40 g/l

Why Foliar Apply?

Foliar sprays ensure precise application of the right nutrient mix at the right time, and can be specifically targeted to the leaf or fruit, to suit an immediate crop need.

Foliar application also provides nutrients for immediate uptake by the leaves or fruits. As a result, the grower is not reliant on the right soil, pH or growing media conditions and can quickly put the crop back on course.

Phosphorus requirements:

Phosphorus availability in the soil is affected by a number of factors; pH, soil temperature, nutrient interactions etc. The most important role of P is its involvement with ATP, the molecule used to provide the energy to drive many of the chemical processes in the plant. This is why P is particularly important at times of high metabolic activity.

Calcium requirements:

Calcium is responsible for the structural stability and integrity of plant tissues and deficiency can be related to many disorders such as bitter bit in apples, tip burn in lettuce or blossom end rot in tomatoes.

Benefits:

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

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Application rates and timings

Apple, Pears: 3 to 5 applications of 10 to 12.5 l/ha at 7 to 10 day intervals commencing 1 week after petal fall. Water rate: 500-1000 l/ha.
For red coloration, but only if a YaraVita Stopit calcium spray programme has been used exclusively: Seniphos at 10 l/ha in 500 l/ha minimum and 1000 l/ha maximum water has been shown to enhance red coloration. Seniphos should be applied alone and not mixed with agrochemicals and/or any other tank additive. 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.

Brassicas: 2 to 3 applications of 10 l/ha from stem extension/head development at 7 to 10 day intervals.
Water rate: 400-500 l/ha.

Apricot, Cherry, Nectarines, Peach, Plum: 3 applications of 10-12.5 l/ha commencing 3 to 7 days after petal fall and repeated at 7 to 10 day intervals. Water rate: 500-1000 l/ha.

Citrus: 10 l/ha at fruit set with 1 to 2 further applications at 7 to 10 day intervals. Water rate: 500-1000 l/ha.

Cucurbits (field grown): 3 to 5 applications of 5 l/ha at 7 day intervals, commencing at fruit set. Water rate: 200-500 l/ha.

Kiwifruit: 0.5 litres in 100 litres 1 to 5 days pre-harvest. Water rate: 2000-4000 l/ha. Where there is severe staining and/or dense canopy the higher rate must be used. If re-staining occurs, a repeat application may be necessary. N.B. Apply alone to dry fruit. Follow label advice.

Lettuce (field grown): 2 to 3 applications of 5 l/ha commencing 10 to 14 days after transplanting or emergence with 7 to 10 days intervals between applications.
Water rate: 200-500 l/ha.

Onion: 1 to 2 applications of 5 l/ha during bulb filling. Water rate: 200-500 l/ha.

Potatoes: To stimulate early growth: 10 l/ha one week after 100% crop emergence. To increase tuber number: 15 l/ha at tuber initiation (when 50% of the tip swellings are twice the diameter of the rest of the stolon). To increase tuber size: a minimum of 2 applications of 5 to 10 l/ha during tuber bulking (as soon as first formed tubers are 10mm in diameter) and following petiole analysis during tuber bulking. Allow 10 to 14 days between applications. Water rate: 75 to 200 l/ha.

Strawberry (field grown): Non-everbearing varieties: 3 applications of 10 l/ha from start of flowering. Repeat applications at 7 to 10 day intervals. Everbearing varieties: Divide a total rate of 30 l/ha into 6 applications of 5 l/ha. Do not apply successive applications at intervals of less than 10 to 14 days. Water rate: 200-500 l/ha.

DIRECTIONS FOR USE

ALWAYS FOLLOW THESE LABEL INSTRUCTIONS
Mix the product thoroughly before use. Slowly add the product to the tank, via the induction hopper, whilst agitating. Top up with water and continue to agitate until spraying is completed.

TANK MIXING/CO-APPLICATION
Read ALL labels carefully and adhere strictly to the instructions for use. Co-application is entirely at the risk of the end-user. Before co-application of products you, or your advisor, must visit www.tankmix.com for important information. Alternatively, contact Yara for specific advice

PRECAUTIONS
Only to be used on protected crops if specifically listed. Avoid application under extremes of climate, e.g. rapid drying conditions, extremely slow drying conditions, frost, rain, or when frost or rain are anticipated. Wear suitable gloves and face shield when handling this product. Clean all equipment before and after use.

STORAGE
Keep in a cool, dry chemical store, out of reach of children and livestock. Protect from frost and other climatic extremes (temperatures exceeding 40°C). Dispose of contents and container in accordance with all local, regional, national and international regulations

CONDITIONS OF SALE
This Product is sold subject to the seller's Terms and Conditions of Sale, which are available upon request. Use of the Product is acceptance by the buyer of the Terms and Conditions of Sale.