



Knowledge grows

# YaraVita<sup>®</sup> PENTAFLO<sup>™</sup>

## Guaranteed Analysis

Total Nitrogen (N)	4%	Magnesium (Mg)	3.7%
Phosphorus (P)	15%	Boron (B)	1.2%
Calcium (Ca)	12.5%	Zinc (Zn)	2.5%

Derived from Urea, Calcium Phosphate, Magnesium Hydroxide, Zinc Borate.



YaraVita PentaFlo is a multi-nutrient, concentrated flowable product initially conceived as a flowering targeted product for grapes but in view of the product analysis is ideal on other fruit and row crops.

The fluid formulation makes it easy to measure, pour and mix the product in the spray tank, whilst giving the highest nutrient content.

The product is specifically formulated to provide maximum crop safety. This helps to ensure that application will not cause damage to the crop which can reduce it's market value.

The purity of raw materials selected for this product makes it safe for application to the crop and helps ensure that the harvested produce will not be rejected at any point in the supply chain.

A controlled particle size gives quick uptake and long lasting effect. This reduces the need for repeat applications saving both time and money.

A broad tankmixability makes it easy to co-apply the products with agrochemicals, saving both time and money. Just as important, free access to Tankmix information online or via smart phones makes it quick and easy to check whether products can be co-applied.

*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.*

# Product Recommendations

## Typical Crop Recommendations\*

- **Alfalfa:** 1 to 2 quarts/acre from the 4 to 6 leaf stage onwards. Repeat applications may be necessary after every cut. Water rate: 20 gallons/acre.
- **Apple:** Applications of 2 to 4 quarts per acre beginning at fruit set and during fruit sizing at 14 day intervals up to color break. Note: Late applications may leave a deposit on the crop. Water rate minimum 40 gallons/acre.
- **Asparagus:** 1 to 2 pints/acre when sufficient leaf area, at 10 day intervals prior to leaf senescence. Water rate: 3 to 20 gallons/acre.
- **Avocado:** Applications of 2 to 4 quarts per acre beginning at spring flush, after fruit set and during fruit sizing at 14 to 21 day intervals. Water rate minimum 40 gallons/acre.
- **Beans:** One or two applications, at a 10 to 14 day interval, of 1 to 2 quarts/acre from the 4 to 6 inch stage up to the appearance of flower buds. Water rate: 20 gallons/acre.
- **Blueberry:** Applications of 1 to 2 quarts per acre beginning at start of flowering, after berry set and during green fruit sizing at 14 to 21 day intervals, up to color change. Note: Late applications may leave a deposit on the crop. Water rate minimum 20 gallons/acre.
- **Brassicas:** Including, but not limited to: Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kale. Applications of 1 to 2 quarts per acre beginning at 4 to 6 leaf stage, continue at 10 to 14 day intervals, up to pre harvest. Note: Late applications may leave a deposit on the crop. Water rate minimum 20 gallons/acre.
- **Bulb Vegetables: Including, but not limited to: Garlic, Leek, Onion, Shallot:** Applications of 1 to 2 quarts per acre beginning 4 to 6 inch height, repeat at 14 day intervals up thru maturity. Water rate minimum 20 gallons/acre.
- **Canola:** 1 to 2 quarts/acre at the 4 to 9 leaf stage and again at the onset of the rapid stem extension phase up to the start of flowering. Water rate: 20 gallons/acre.
- **Carrot:** Applications of 1 to 2 quarts per acre beginning at 4 to 6 inch height, repeat at 14 day intervals up thru maturity. Water rate minimum 20 gallons/acre.
- **Cashew:** Two applications of 2 to 4 quarts/acre between bud burst and start of flowering, at a 10 to 14 day interval. Also, two applications of 2 to 4 quarts/acre from fruit set onwards, at a 10 to 14 day interval. Do not apply within one month of harvest. Water rate: 20 to 100 gallons/acre.
- **Cereals: Including but not limited to: Barley, Oats, Rye, Wheat:** 1 to 3 pints per acre beginning at new leaf growth, repeat in 14 to 21 day intervals up to white bud and again after fruit set and during sizing. Water rate from 50 to 100 gallons/acre.
- **Chickpeas:** One or two applications, at a 10 to 14 day interval, of 1 to 2 quarts/acre from the 4 to 6 inch stage up to the appearance of flower buds. Water rate: 20 gallons/acre.
- **Citrus: Including but not limited to: Grapefruit, Lemon, Orange:** Applications of 2 to 4 quarts per acre beginning at spring feather leaf flush, after petal fall and during fruit sizing at 14 to 21 day intervals. Note: Late applications may leave a deposit on the crop. Water rate minimum 40 gallons/acre.
- **Cotton:** 1 quart/acre during the first week of flowering and again 10 to 14 days later. Water rate: 20 gallons/acre.
- **Corn:** 2 quarts/acre at the 4 to 8 leaf stage. Water rate: 20 gallons/acre.
- **Cucurbits: Including, but not limited to: Squash, Melons, Cucumber, Pumpkin:** Applications of 1 to 2 quarts per acre beginning at start of flowering, after fruit set and during green fruit sizing at 14 to 21 day intervals, up to maturity. Note: Late applications may leave a deposit on the crop. Water rate minimum 20 gallons/acre.
- **Eggplant:** Three applications of 1 to 2 quarts/acre at start of flowering and at 10 day intervals. Do not apply within one month of harvest. Water rate: 20 gallons/acre.
- **Grapes – Table and Wine:** Applications of 2 to 4 quarts per acre beginning at early cluster, during elongation, after berry set and during fruit sizing at 14 to 21 day intervals up to color change. Note: Late applications may leave a deposit on the crop. Water rate minimum 40 gallons/acre.
- **Leafy Vegetables: including but not limited to - Lettuce:** 1 to 2 quarts/acre beginning at 4 to 6 inch height, repeated at 14 day intervals as necessary. Note: Late applications may leave a deposit on the crop. Water rate minimum 20 gallons/acre.
- **Nursery Stock and Ornamentals:** 2 quarts/acre 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 year. Note: Do not apply within one month of picking / marketing. Water rate: 10 to 20 gallons/acre.
- **Olive:** 2 to 4 quarts/acre at bud break. Repeat before flowering if necessary. Also, two to three applications of 2 to 4 quarts/acre from fruit set to stone hardening. Water rate: Minimum 50 gallons/acre.
- **Pears:** 2 to 4 quarts/acre at bud burst. Also, two to five applications of 2 to 4 quarts/acre from fruit set onwards, at 10 to 14 day intervals. Do not apply within one month of harvest. Water rate: 20 gallons/acre.
- **Peas:** One or two applications, at a 10 to 14 day interval, of 1 to 2 quarts/acre from the 4 to 6 inch stage up to the appearance of flower buds. Water rate: 20 gallons/acre.
- **Pepper:** Applications of 1 to 2 quarts per acre beginning 4 to 6 inch height, repeat at 14 day intervals up to maturity. Note: Late applications may leave a deposit on the crop. Water rate minimum 20 gallons/acre.
- **Potato:** 3 to 4 pints / acre applied in furrow at planting. 1 to 2 quarts/acre applied: one week after 100 percent crop emergence; at tuber initiation (when 50 percent of tip swellings are twice the diameter of the stolon); at early tuber bulking (when the first formed tubers are greater than 10 mm in diameter); and 10 to 14 days later (immediately pre-flowering). Water rate: 5 to 20 gallons/acre.
- **Raspberry:** Applications of 1 to 2 quarts per acre beginning at start of flowering, after berry set and during green fruit sizing at 14 to 21 day intervals, up to color change. Note: Late applications may leave a deposit on the crop. Water rate minimum 20 gallons/acre.
- **Rice:** 1 to 2 quarts/acre applied at tillering and again at panicle initiation. Repeat 7 to 10 days later and again after flowering if necessary. Water rate: 20 gallons/acre.
- **Soybean:** One or two applications, at a 10 to 14 day interval, of 1 to 2 quarts/acre from the 4 to 6 inch stage up to the appearance of flower buds. Water rate: 20 gallons/acre.
- **Strawberry:** 1 to 2 quarts per acre beginning at start of flowering, after berry set and during green fruit sizing at 14 day intervals, up to color change. Note: Late applications may leave a deposit on the crop. Water rate minimum 20 gallons/acre.
- **Stone Fruit: including but not limited to - Apricot, Cherry, Plum, Nectarine:** Two applications of 2 to 4 quarts/acre between bud burst and start of flowering. Also, two to five applications of 2 to 4 quarts/acre from fruit set onwards, at 10 to 14 day intervals. Do not apply within one month of harvest. Water rate: 20 to 200 gallons/acre.
- **Sugar Cane:** 2 to 4 quarts/acre when the cane is between 12 to 48 inches tall. Repeat, if necessary, 10 to 14 days later. Water rate: 20 gallons/acre.
- **Tobacco:** 2 quarts/acre applied two to three weeks after transplanting (3 to 4 leaf stage). Repeat 10 days later if necessary. Water rate: 3 to 50 gallons/acre.
- **Tomato:** Applications of 1 to 2 quarts per acre beginning at start of flowering, after fruit set and during green fruit sizing at 14 to 21 day intervals, up to color change. Note: Late applications may leave a deposit on the crop. Water rate minimum 20 gallons/acre.
- **Tree Nuts:** including but not limited to - Almond, Chestnut, Hazelnut, Pecan, Walnut: 3 applications of 1 to 2 quarts/acre pre-flowering; the end of flowering; and 15 days later. Water rate: minimum 50 gallons/acre.

\*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. Always read the label before use.