



Knowledge grows

YaraVita[®] HYDROPHOS[™]

0-29-5 + 4% Mg

YaraVita HYDROPHOS is a concentrated liquid products designed to provide a fast-acting fuel for plant energy, during periods of rapid growth or to help crops overcome adverse climatic conditions. YaraVita Hydrophos contains 100% soluble, plant available phosphate and also contains a significant amount of magnesium making it the best choice for application to arable crops, and for potatoes in particular. In addition to phosphorus, YaraVita Hydrophos also contains more magnesium than many liquid magnesium products.



Production Sizes:

10L jug, 500L tote & 1000L tote.

Application Methods

Foliar application. The liquid formulation makes it easy to measure, pour and mix the product in the spray tank.

Target Crops

Potatoes, canola, corn, soybeans, cereals, tomatoes, vegetables and fruit crops.

Guaranteed Analysis: soluble in water

Available phosphoric acid (P)	29%	429 g/L
Soluble Potash (K)	5%	74 g/L
Magnesium (Mg)	4%	59 g/L
pH	1.0	
Physical state	Liquid	
Density	1.479 g/cm ³	
Viscosity	<100 mPa.s	

Benefits & Features:

- Formulated for safe application at critical growth stages to satisfy crop requirements.
- Easy to use flowable formulation. Pours and disperses easily and quickly into the spray tank.
- Highly tank mixable with other crop protection products. Visit www.tankmix.com for details.

Product Recommendations

Apples, Pears:

4 to 6 applications of 5 l/ha (2 l/ac) from end of flowering. Repeat applications at 10-14 day intervals. Water rate: 500 to 1,000 l/ha (202-404 l/ac).

Beans:

3 to 5 l/ha (1.21-2 l/ac) when crop is 15 cm tall. Repeat if necessary at 10 to 14 day intervals. Water rate: 30 to 200 l/ha (12.14-81 l/ac).

Blueberries:

10 l/ha (4 l/ac) 10 days after petal fall has finished. Water rate: 1,000 l/ha (404 l/ac).

Brassicas:

4 l/ha (1.62 l/ac) soon after transplanting (e.g. 10 to 14 days). Water rate: 200 l/ha (81 l/ac).

Carrots:

2 to 3 applications of 5 l/ha (2 l/ac) applied when the crop is 15 cm tall and at 7 to 14 day intervals. Water rate: 200 l/ha (81 l/ac).

Cereals (Barley, Wheat, Oats):

5 l/ha (2 l/ac) at tillering. Repeat at 10 to 14 day intervals if necessary. Also, apply from ear emergence until the end of flowering (Zadok's G.S. 51-69). Water rate: 200 l/ha (81 l/ac).

Cucurbits (Field Grown):

5 l/ha (2 l/ac) at 4 leaf stage, with second application 10 to 14 days later if necessary. Water rate: 500 l/ha (202 l/ac).

Ginseng:

5 l/ha (2 l/ac) once the new season growth is underway. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 500 l/ha (202 l/ac).

Corn:

5 l/ha (2 l/ac) at the 4 to 6 leaf stage. Repeat at 10 to 14 day intervals if necessary. Water rate: 200 l/ha (81 l/ac).

Canola:

For a single application, 3 to 5 l/ha (1.21-2 l/ac) at onset of stem extension. For moderate deficiency, 3 to 5 l/ha (1.21 - 2 l/ac) at 4 to 6 leaf stage and at onset of stem extension. An extra application can be made 10 to 14 days later for severe deficiency. Avoid flowering. Water rate: 30 to 200 l/ha (12.14- 81 l/ac).

Potatoes:

To increase tuber number, 10 l/ha (4 l/ac) at tuber initiation (when 50% of tip swellings are twice the diameter of the rest of the stolon). To increase tuber size, a minimum of 2 applications of 5 l/ha (2 l/ac) during tuber bulking (when the first formed tubers are greater than 10 mm in diameter). Allow 10 to 14 days between applications. Also, apply during tuber bulking following petiole analysis. Water rate: 200 l/ha (81 l/ac).

Raspberry (Field Grown):

3 x 10 l/ha (4 l/ac) at start of flowering, end of flowering, and fruit development. Water rate: 500 l/ha (202 l/ac).

Squash (Field Grown):

5 l/ha (2 l/ac) at 4 leaf stage, with second application 10 to 14 days later if necessary. Water rate: 500 l/ha (202 l/ac).

Strawberry (Field Grown):

Non Everbearing Varieties: 3 applications of 5 l/ha (2 l/ac) from start of flowering. Repeat applications at 7 to 10 day intervals. Everbearing Varieties: Divide total rate of 15 l/ha (6 l/ac) into 3 applications of 5 l/ha (2 l/ac). Do not apply at less than 10 to 14 day intervals. Water rate: 300 to 600 l/ha (121.40-242.8 l/ac).

Sugar Beet:

3 to 5 l/ha (1.21-2 l/ac) at the 4 to 6 leaf stage. For moderate to severe deficiency, repeat at 10 to 14 day intervals. Water rate: 200 l/ha (81 l/ac).

Sweetcorn:

5 l/ha (2 l/ac) at the 4 to 6 leaf stage. Repeat at 10 to 14 day intervals if necessary. Water rate: 200 l/ha (81 l/ac).

Tobacco:

Two applications of 3 to 5 l/ha (1.21-2 l/ac) two to three weeks after transplanting (3 to 4 leaf stage) with 10 days between applications. Water rate: 400 l/ha (161.88 l/ac).

Tomatoes (Field Grown):

5 l/ha (2 l/ac) at the 4 to 6 leaf stage, with repeat applications at 10 to 14 day intervals, if necessary. Water rate: 500 l/ha (202 l/ac).

Vines:

5 l/ha (2 l/ac) at flower buds separated, fruit set, grape expansion and early veraison. Water rate: 200 l/ha (81 l/ac).

*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.