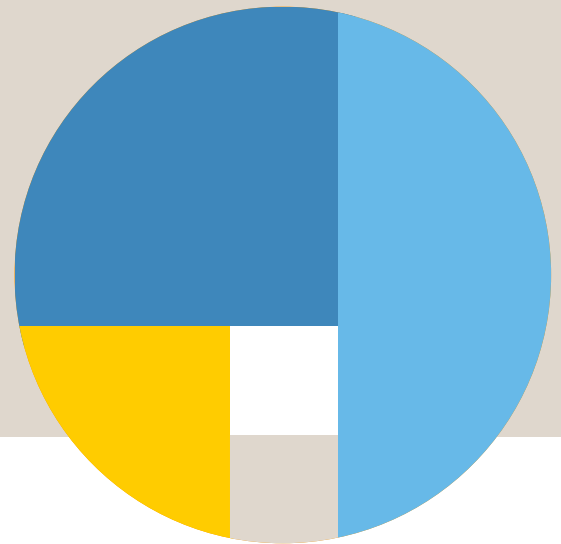




Knowledge grows



YaraVita[®] MANTRAC[™]

A concentrated manganese product formulated for foliar application.

Guaranteed Analysis: total

Manganese (Mn)	27.4% w/w
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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 quality, consistent product.
- Manufactured to ISO 9001 quality assurance standards.
- Easy to use flowable formulation. Pours and disperses easily and quickly into the spray tank.
- High nutrient content means lower application rates reducing handling time and waste packaging.
- Designed for rapid uptake and long term feeding power so fewer applications are required.



2-YaraVita-Mantrac-ECa-PDS-0822-R1

Product Recommendations

Apples, Pears:

1 l/ha (.40 l/ac) prior to flowering in the case of severe deficiency. Otherwise commence at petal fall and repeat 10 to 14 days later. On russet sensitive varieties delay applications until 6 weeks after petal fall. Green background colour (Jonagold, Elstar, Cox, Golden Delicious, Granny Smith: 6 applications of 0.25 l/ha (.10 l/ac) at 10 to 15 day intervals. Commence applications at June drop and end one month before harvest. Water rate: 300 to 1,000 l/ha (121.41-405 l/ac).

Brassicac:

1 l/ha (.40 l/ac) at 4 to 6 leaf stage. For moderate to severe deficiency repeat the application once or twice at 10 to 14 day intervals. Water rate: 200 l/ha (81 l/ac).

Cereals (Barley, Wheat, Oats):

1 l/ha (.40 l/ac) from 2 leaf stage to first node detectable. (Zadok's G.S 12 to 31). For moderate to severe deficiency, repeat the application once or twice at 10 to 14 day intervals. Water rate: 30 to 200 l/ha (12.14-81 l/ac).

Cucurbits (Field Grown):

1 to 2 l/ha (.40-.81 l/ac) from 4 leaf stage. For moderate to severe deficiency repeat the application once or twice at 10 to 14 day intervals. Water rate: 200 l/ha (81 l/ac). Water rate: 500 to 1,000 l/ha (200-400 l/ac).

Maize (Corn):

1 l/ha (.40 l/ac) at 4 to 6 leaf stage. For moderate to severe deficiency, repeat the application once or twice at 10 to 14 day intervals. Water rate: 30 to 200 l/ha (12.14-81 l/ac).

Canola:

For a single application, 1 l/ha (.40 l/ac) at onset of stem extension. For moderate deficiency, 1 l/ha (.40 l/ac) at 4 to 6 leaf stage and 1 l/ha (.40 l/ac) at onset of stem extension. An extra application can be made 10 to 14 days later for severe deficiency. Water rate: 200 l/ha (81 l/ac).

Peas:

1 l/ha (.40 l/ac) at 4 to 6 leaf stage (for deficiency/yield) and 1 to 1.5 l/ha (.40-2 l/ac) at start of flowering and end of flowering (for Marsh Spot). Water rate: 50 to 200 l/ha (20-81 l/ac).

Potatoes:

1 l/ha (.40 l/ac) at one week after 100% emergence and following petiole analysis during tuber bulking. For moderate to severe deficiency, repeat the application once or twice at 10 to 14 day intervals. Water rate: 30 to 200 l/ha (12.14-81 l/ac).

Soybeans:

1 l/ha (.40 l/ac) when crop is 5 to 15 cm tall (4 to 6 leaves). Water rate: 200 l/ha (81 l/ac).

Stone Fruit (Apricots, Cherries, Peach, Plums):

1 l/ha (.40 l/ac) from fruit set. For moderate to severe deficiency, repeat the application once or twice at 10 to 14 day intervals. Water rate: 500 to 1,000 l/ha (200-400 l/ac).

Strawberry (Field Grown):

1 l/ha (.40 l/ac) at green bud. For moderate to severe deficiency, repeat the application once or twice at 10 to 14 day intervals. Water rate: 200 to 500 l/ha (81-200 l/ac).

Sugar Beet:

1 l/ha (.40 l/ac) from 4 to 6 leaf stage. For moderate to severe deficiency, repeat the application once or twice at 10 to 14 day intervals. Water rate: 200 l/ha (81 l/ac).

Tobacco:

1 l/ha (.40 l/ac) applied two to three weeks after transplanting (3 to 4 leaf stage). Repeat 10 days later if necessary. Water rate: 400 l/ha (161.88 l/ac).

Tomatoes (Field Grown):

0.5 to 1 l/ha (.20-.40 l/ac) at the 4 to 6 leaf stage and repeated at 10 to 14 day intervals if required by moderate to severe deficiency. Water rate: 30 to 500 l/ha (12.14-202 l/ac).

Vines:

1 l/ha (.40 l/ac) at flower buds visible, flower buds separated and at fruit set.