



Knowledge grows

# YaraVita™ THIOTRAC 300

A concentrated sulphur and nitrogen product formulated for foliar application

## Guaranteed Analysis

|              |     |         |
|--------------|-----|---------|
| Nitrogen (N) | 20% | 200 g/L |
| Sulphur (S)  | 30% | 300 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.

### Nitrogen requirements:

Nitrogen - Protein N is by far the largest fraction of N in the green plant; nitrogen plays a key role in nucleic acid formation, amino acid and protein synthesis. N also has a key role in chlorophyll and ATP synthesis.

### Sulphur requirements:

Sulphur plays a key role in protein formation; S deficiency is particularly visible in the plant as much of the protein in the leaf is contained within chlorophyll so a lack of S causes a reduction in chlorophyll production and the classic early symptoms of sulphur deficiency in most crops. S has also shown to have a key role in the synthesis of oils in oil producing crops.



### Benefits:

- Formulated for safe application at critical growth stages to satisfy crop requirements
- Widely tank mixable with other crop sprays. Visit [www.tankmix.com](http://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

### Foliar Application

**Brassicas:** 5 l/ha at the 4 to 6 leaf stage. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 200 l/ha.

**Carrot:** 5 l/ha when crop is 15 cm tall. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 200 l/ha.

**Cereals:** 5 l/ha at pseudo stem erection to first node detectable (Zadok's G.S. 30 to 31). For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 200 l/ha. Milling wheat only: Up to 5 l/ha from ear fully emerged to the end of the milk development stage in grain ripening (Zadok's G.S. 59 to 79) or two applications of 3 l/ha in the period flag leaf ligule just visible to the end of the milk development stage in grain ripening (Zadok's G.S. 39 to 79). Water rate: 200 l/ha.

**Grapevines:** 3 to 5 l/ha applied at flower buds visible, flower buds separated and fruit set. Also, if required, repeat once or twice at 10 to 14 day intervals after the fruit set application. Also, if necessary, apply at early veraison and again 10 to 14 days later. N.B. Avoid applications during flowering. Water rate: 200 to 500 l/ha.

**Oilseed Rape:** 5 l/ha at the 4 to 6 leaf stage and at the onset of stem extension. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Avoid flowering. Water rate: 200 l/ha.

**Onion:** 5 l/ha when crop is 15 cm tall. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 200 l/ha.

**Potatoes:** 5 l/ha one week after 100 percent emergence. Repeat applications may be necessary at 10 to 14 day intervals. Also, 5 l/ha following petiole analysis during tuber bulking, and at 10 to 14 day intervals during tuber bulking if necessary. Water rate: 200 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](http://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.

