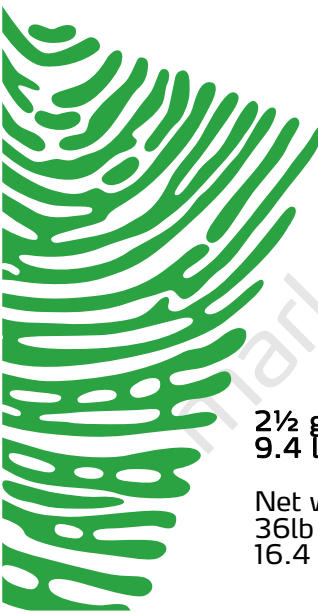




**YaraVita™**

**Mancozin™**



**2½ gallons/  
9.4 litres**

**Net weight  
36lb 7oz/  
16.4 kg**

**NOTICE**

Before using this product, read the entire label

Safety data sheet available for professional user on request

# Mancozin™

**3-0-0**

**A formulated product for the treatment of manganese, copper and zinc deficiencies by foliar application**

Guaranteed analysis:

**Total Nitrogen (N).....3%**

3% Urea Nitrogen

**Copper (Cu).....6.3%**

**Manganese (Mn).....18.8%**

**Zinc(Zn).....4.8%**

Derived from Urea, Copper Oxide, Manganese Carbonate, Zinc Oxide

Nutrient content per gallon: 15oz Cu, 2lb 12oz Mn, 11oz Zn

F1673

**WARNING**

Keep out of reach of children

Contains manganese and copper compounds and particles in suspension

Injurious to health by ingestion or inhalation of excessive quantities

Injurious to eyes and skin

In case of contact with eyes and/or skin, immediately flush with plenty of water and seek medical attention

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfc.org/metals.htm>

This product is recommended for use in conjunction with a complete fertilization program based on soil or tissue analysis.

Contents made in Great Britain

Guaranteed & Manufactured by Yara UK Ltd., Manor Place, Wellington Road, The Industrial Estate, Pocklington, York YO42 1DN, U.K.

Manufactured for Yara North America, Inc. 100 North Tampa Street, Suite 3200, Tampa, FL 33602 Customer Service: 800-234-9376

# Mancozin

## APPLICATION RATES AND TIMINGS

**Alfalfa:** 1½ pints/acre at dormancy break. Repeat after every cut when re-growth has occurred, as necessary. Water rate: 3 to 20 gallons/acre.

**Beans, Dry Bean, Peas:** 1 pint/acre at the 4 to 6 leaf stage (for deficiency/yield). Water rate: 20 gallons/acre.

**Cole Crops, Brussel Sprouts, Cabbage:** 1 pint/acre at the 4 to 6 leaf stage. Repeat 10 to 14 days later if necessary.

Water rate: 20 gallons/acre.

**Canola:** 1 pint/acre at the 4 to 6 leaf stage. Repeat 10 to 14 days later if necessary. Water rate: 20 gallons/acre.

**Cereals:** 1 pint/acre at two leaf stage to first node detectable (Zadok's G.S. 12-31). For severe deficiency, increase to 1 quart/acre or repeat at the above rate. For autumn sown crops, an application prior to winter dormancy is strongly recommended. Water rate: 20 gallons/acre.

**Garlic:** 1 pint/acre two weeks after transplanting, or in the case of direct sown crops, when the crop is 6 inches tall. Repeat applications at 10 to 14 day intervals. Water rate: 20 gallons/acre.

**Citrus:** 1 to 2 pints/acre. During spring and autumn flushes. Water rate: 50 to 200 gallons/acre.

**Corn:** 1 pint/acre at the 4 to 8 leaf stage. For moderate to severe deficiency repeat applications at 10 to 14 day intervals.

Water rate: 3 to 20 gallons/acre.

**Grapevines:** 1 to 1½ pints/acre applied at 10 to 14 day intervals pre- and post- flowering. Avoid applications during flowering.

Water rate: 20 to 100 gallons/acre.

**Lettuce (Field Grown):** 1 pint/acre at the 4 to 6 leaf stage. Water rate: 20 gallons/acre.

**Melon (Field Grown):** 1 pint/acre applied at the 4 to 6 leaf stage. In cases of moderate or severe deficiency repeat the application after a 10 to 14 day interval. Water rate: 50 gallons/acre.

**Nuts (Deciduous):** 1 pt/acre at bud break and 10 to 14 days later. N.B. Do not apply during flowering. Also, 1pt/acre after harvest but before leaf senescence. Water rate: 20 to 100 gallons/acre.

**Onion:** 1½ quarts/acre when there is sufficient leaf area to obtain coverage (4 to 6 leaf). Repeat during bulking if necessary.

Water rate: 3 to 20 gallons/acre.

**Rice:** ½ to 1 pint/acre at the start of tillering.

Water rate: 3 to 20 gallons/acre.

**Sorghum:** 1 pint/acre at the 4 to 8 leaf stage. Repeat if necessary at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.

**Soya Bean:** 1 pint/acre when crop is 2 to 6 inches tall. Repeat if necessary 10 to 14 days later. Water rate: 3 to 20 gallons/acre.

**Tomato (Field Grown):** 1 to 2 pints/acre at the 4 to 6 leaf stage. Repeat when required at 10 to 14 day intervals.

Water rate: 3 to 150 gallons/acre.

## FERTILIZER IMPREGNATION

Mancozin may be impregnated onto dry fertilizer granules *except* those which contain or are based on ammonium nitrate. Consult your YARA PHOSYN technical representative for details.

## DIRECTIONS FOR USE

ALWAYS FOLLOW THESE LABEL INSTRUCTIONS.

*Mix the product thoroughly before use.* Pour through the top filter into the tank three-quarters filled with water, while agitating. Top up with water and continue to agitate until spraying is completed.

**Extended recommendations available**  
[www.yaravita.com/usinfo](http://www.yaravita.com/usinfo)

## TANK MIXING/CO-APPLICATION

Read ALL labels carefully and adhere strictly to the instructions for use and advice regarding whether or not product(s) should be co-applied. Many variables, outside the control of Yara, can influence the performance of co-applied products and therefore co-application is entirely at the risk of the end-user. It is strongly recommended that a limited application is made initially when using unfamiliar product mixes. *Before co-application of products you, or your advisor, must visit [www.tankmix.com](http://www.tankmix.com) for important information. Alternatively, contact YARA NORTH AMERICA 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 faceshield 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 (39°F) and other climatic extremes. (temperatures exceeding 100°F)*

## CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions on this label are believed to be reliable and should be followed carefully. Insufficient remedy of nutritional problems on the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Yara or the seller. In addition, failure to follow label directions may cause injury to other crops, animals, man or the environment. Yara warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in these directions for use subject to the factors noted above which are beyond the control of Yara. Yara makes no other warranties or representations of any kind, express or implied, concerning the product, including **no implied warranty of merchantability or fitness for any particular purpose** and no such warranty shall be implied by law. The exclusive remedy against Yara for any cause of action relating to the handling or use of this product is a claim for damage and in no event shall damages or any other recovery of any kind against Yara exceed the price of the product which causes the alleged loss, damage, injury, or other claim. Yara shall not be liable and any and all claims against Yara are waived, for special, indirect, incidental, or consequential damages or expenses, of any nature, including, but not limited to, loss of profits or income, whether or not based on Yara's negligence, breach of warranty, strict liability in tort or any other cause of action. Yara and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.