



**YaraVita**™

**Mancozin**™

**NOTICE**

Before using this product, read the entire label

# 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%**

0.001% water soluble Manganese (Mn)

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

Derived from Urea, Copper (I) Oxide, Manganese Carbonate, Zinc Oxide

Density: 14.6 lbs/gal @ 68° F

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

**Net Content**

**2 1/2 gallons/**

**9.4 litres**

**Net weight**

**36lb 8oz/**

**16.5 kg**

F1106

Guaranteed by **Yara North America, Inc.**

100 North Tampa Street, Suite 3800, Tampa, FL 33602

Customer Service: 800-234-9376

Contents made in Great Britain.

Manufactured by **Yara UK Ltd.**, Manor Place, Pocklington, York, YO42 1DN, U.K.

# YaraVita™ Mancozin™

**ONLY APPLY TO THE INTENDED APPLICATION SITE. DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES OR TO ANY IMPERVIOUS SURFACE. DO NOT APPLY IF HEAVY RAIN IS EXPECTED**

## 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.

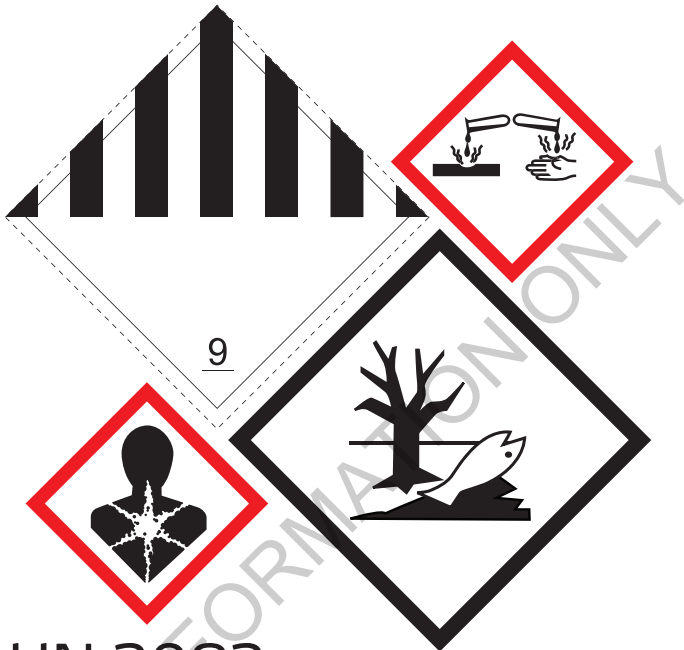
**Soya Bean:** 1 pint/acre when crop is 2 to 6 inches tall. Repeat if necessary 10 to 14 days later. Water rate: 3 to 20 gallons/acre.

**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 technical representative for details.

YaraVita™ Mancozin™



UN 3082

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(dicopper oxide, zinc oxide)

**Danger**

H318: Causes serious eye damage. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. P260: Do not breathe gas or vapour. P280: Wear protective gloves and eye protection. P290: Irritating to eyes, respiratory system and skin. P305+P351+ P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. P314-a: Get medical attention if you feel unwell. P391: Collect spillage. Yara North America, Inc. 100 North Tampa Street, Suite 3800, Tampa, FL 33602  
Emergency Tel: Chemtrec 24-hours Emergency Response: 1-800-424-9300

# YaraVita™ Mancozin™

## 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. Please refer to the SDS for further information, available at [www.yara.com](http://www.yara.com)

### STORAGE

Keep in a cool, dry chemical store, out of reach of children and livestock. Protect from frost and other climatic extremes. (temperatures  $\leq 23^{\circ}\text{F}$  and  $> 95^{\circ}\text{F}$ ) 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.

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



Extended recommendations available at  
[www.yara.us/crop-nutrition/fertilizer-products/yaravita](http://www.yara.us/crop-nutrition/fertilizer-products/yaravita)



**WARNING:** Cancer and Reproductive Harm –  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)