

# BRANDT™ Manni-Plex™ Zn



## Foliar Zinc Solution

### PFC 1(C)(II)(a): STRAIGHT INORGANIC ZINC FERTILISER

#### Declared Content

Zinc (Zn) as nitrate, water soluble. . . . . 7.0% w/w

INGREDIENTS: Zinc Nitrate (CAS 7779-88-6) (CMC1).

Typology: Zinc-based fertiliser

#### General Information

BRANDT MANNI-PLEX Zn is a liquid fertilizer based on Manni-Plex Technology, and is designed to prevent and correct zinc deficiencies which may be present in many different crops. Unlike conventional fertilizers, BRANDT MANNI-PLEX Zn is formulated with a unique blend of sugar alcohols (polyols) of low molecular weight which react with the zinc which BRANDT MANNI-PLEX Zn contains, making it more mobile within the plant, both thru the phloem and xylem, carrying the zinc directly to the plant's growth forming locations, both reproductive (in particular fruit and inflorescence) and vegetative.

*Manni-Plex Technology boosts the essential functions of zinc contained in BRANDT MANNI-PLEX Zn:*

- Promotes auxin formation.
- Helps reduce free radicals (ROS).
- Enhances phosphorous absorption, resulting in increased shoots, roots, inflorescences, fruit, rhizomes, tubers, etc.

*BRANDT MANNI-PLEX Zn is designed to be applied:*

- At post-transplant, initial growth stages, pre-flowering and fruit set.
- During initial vegetative growth stages to provide starter and stay green effects to the plant.
- On row crops during their initial vegetative stages, and at the formation of edible parts or at beginning of heading (ears, panicles, pods, siliques, etc.).
- On fruit and horticultural crops at pre-flowering to promote fecundation.
- In the presence of any kind of abiotic stress.



Batch Number:  
Manufacture Date:



**Net Contents: 4 liters**

Net Mass: 4 kg

Physical State: In Solution

Manufactured and Distributed by:

**BRANDT™**

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# BRANDT™ Manni-Plex™ Zn



## Instructions for Use Rate Recommendations

### Via Foliar

At least 2 applications are recommended. Apply in a minimum of 100 liters of spray water per hectare.

Crop	Growth Stage	Rate L/Ha
<i>Row crops:</i> Wheat, barley, corn, soybeans, sunflower, OSR/canola, sugar beet, etc.	•Initial vegetative stages	1.5-2 L/Ha
	•Pre-flowering, fruit set or at beginning of edible parts formation or heading (ears, panicles, pods, siliques, etc.)	2.5-5 L/Ha
<i>Pome and Stone Fruit:</i> Apple, pear, peach, nectarine, plum, apricot, cherry, etc.	•Bud swelling	2.5-5 L/Ha
	•Fruit set and during fruit enlargement	
	•After climatic stress	
<i>Strawberry, raspberry, blueberry, blackberry</i>	•7-10 days after transplant	1.2-1.5 L/Ha
	•Pre-flowering	2-4 L/Ha
<i>Horticultural crops:</i> Tomato, pepper, eggplant, melon, watermelon, zucchini, cucumber, leafy vegetables, cabbage, beans, etc.	•Post-transplant & initial vegetative stages	1.5 L/Ha
	•Pre-flowering	(Post-transplant)
	•Fruit set	
	•Beginning of fruit or edible parts enlargement	Otherwise: 2-4 L/Ha
	•After climatic stress	
Potatoes	•Initial vegetative stage, at height of 15 cm	2-4 L/Ha
	•At the beginning of and during tuber growth	
	•After climatic stress	

## Mixing and Handling Instructions

Fill mix tank with half of required water volume and begin agitation. Add products in this order, mixing thoroughly after each addition: adjuvants, pesticides, then fertilizers. Fill tank with remainder of water and continue agitation until solution is completely mixed.

## Compatibility

This product is compatible with many agrochemicals. Do not mix with mineral oil, polysulfides, 10-34-0, MAP, DAP, nor with phosphates or other products with alkaline/high pH. Check chemical mixture compatibility using a jar test prior to application with unfamiliar tank mixes.

## Safety and Environmental Information

UFI: UKM0-90PC-U000-NJ89

H411: Toxic to aquatic life with long lasting effects.

P102: Keep out of reach of children.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P391: Collect spillage.

P501: Dispose of contents and/or container in accordance with the current regulations on dangerous residues.



## Recommended Storage Conditions

Store between 5°C and 35°C. Do not stack more than 4 bottles or stack pallets.

## Additional Information

Shake jug well before using. To be used only where there is a recognised need. Do not exceed the application rate.

## Container Disposal

Triple rinse the empty container and properly dispose of rinse water. Dispose of contents and container in accordance with local and European Union regulations.

**LIMITED WARRANTY:** The Manufacturer warrants that the Product conforms to the chemical description given on this label and is reasonably fit for the purpose stated when used in accordance with label directions under normal conditions of use. The Manufacturer and Seller make no other warranties, express or implied, including warranty of merchantability or fitness for a particular purpose. Buyer and User accept all risks arising from any use of this Product. To the extent allowed by law, the Manufacturer and the Seller shall not be liable to the Buyer or User of this Product for any consequential, special, incidental or indirect damages.

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