



Zinc EDTA

**A TRACE ELEMENT SUPPLEMENT FOR USE ON A WIDE RANGE OF
AGRICULTURAL/ HORTICULTURAL CROPS**

Contains Chelated Zinc as Zn
EDTA in solution equivalent to
8.4% w/v Zn

STORAGE

Store well away from seeds and animal feeding-stuffs in a safe, dry place

PRECAUTIONS

Wash hands thoroughly after handling. Dispose of contents and container safely

Zinc EDTA is marketed by:
**Barclay Chemicals
Manufacturing Ltd,**
Damastown Way, Damastown
Industrial Park, Mulhuddart,
Dublin 15, Ireland.

IMPORTANT INFORMATION

Recommendations for Use

Zinc EDTA should be used to prevent zinc deficiency in crops. Deficiency will occur when plant tissue levels of zinc are insufficient. This may be due to crop stress conditions caused by high soil pH levels, climate, pest or disease. Susceptible crops include cereals, sugar beet, potatoes, peas, oilseed rape and fruit crops. Zinc EDTA should be generally applied at 1.5 l/ha (1 pt/ac) as soon as symptoms of zinc deficiency can be seen or when tissue analysis indicates levels are less than 0.20 mg/kg (ppm) of zinc.

Repeat applications may be required at 2-3 week intervals, especially on soils where zinc is not readily available from the soil.

Treatments may be made at any stage of plant growth if the crop shows symptoms of deficiency. In cases where growth of crops has been affected by zinc deficiency, the addition of 2.5 l/ha (91.75 pt/ac) of Zinc EDTA will help both to encourage nutrient uptake and to stimulate plant growth.

Crop	Timing (where soil applications has not been made but where a risk of deficiency exists, or when symptoms are first seen) Regardless of crop stage	Dose 3.0 l/ha (2pt/ac)
Cereals Winter cereals	Apply as a spray programme 1. Autumn/winter treatment. 2. When first node becomes detectable 3. When flag leaf becomes visible	1.5l/ha (1pt/ac) 1.5l/ha (1pt/ac) 1.5l/ha (1pt/ac)
Spring cereals	Apply as a spray programme 1. At the 3-5 leaf stage 2. At the stage of 2nd node to flag leaf	1.5l/ha (1pt/ac) 1.5l/ha (1pt/ac)
Oilseed Rape	At an crop stage when deficiency symptoms appear	3l/ha (2pt/ac)
Fruit	Applications to be made at 2-3 week intervals, repeat as necessary.	3l/ha (2pt/ac)
Peas	At an crop stage when deficiency symptoms appear	3l/ha (2pt/ac)
Potatoes	Apply as a spray programme, starting with the first blight application to avoid zinc deficiency.	3l/ha (2pt/ac)

Zinc programmes should normally be applied only once in any rotation. Soil analysis should be carried out before more frequent applications are made.

APPLICATION

- * Apply the recommended dose of Zinc EDTA in 200 (arable crops) to 1000 (fruit crops) l/ha (20-100 gal/ac) of water. Do not use a filter gauze that is finer than 0.3mm aperture (50 mesh to the inch).
- * Even foliar cover is essential for reliable results.
- * If rain falls within four hours of a foliar application of Zinc EDTA, the benefits of the spray are likely to be reduced.
- * Crop foliage should be dry when sprayed. If the crop is under severe stress, particularly if this is due to moisture deficiency or high temperatures, best results are likely from application in early morning or late evening.

COMPATIBILITY

Zinc EDTA together with other Barclay products is compatible with a wide range of herbicides, fungicides and insecticides. Full details of compatibility are available on request.

DIRECTIONS FOR USE

1. Use nozzles that produce the recommended spray quality.
2. Check the sprayer, spray bars and nozzles have been properly washed to remove traces of the previous chemical.
3. Ensure the sprayer has been carefully calibrated.
4. Half fill the spray tank with clean water and start agitating. Add the required quantity of Zinc EDTA and complete filling to final volume.
5. Spray immediately after mixing and maintain agitation until the spray tank is empty.
6. Wash out the sprayer thoroughly with water and liquid detergent immediately after use. Finally wash out with water and drain.