



#### **METHODS OF APPLICATION**

We recommend that ZEBAXL is applied with specialized machinery capable of metering micro granulated products, such as Horstine, Stocks & Gandy type micro application units or similar, following the manufacturer's guidance for calibration. If applying in moist humid conditions one could consider the prior use of graphite or talc into the metering units to remove excess moisture.

#### **BANDED IN FURROW APPLICATIONS**

We recommend that ZEBAXL is banded into the drill/sowing line which is generally around 10cm wide. For narrower drill lines please consult your ZEBAXL representative for specific instructions.

ZEBAXL can be applied on its own or in mixture with fertilisers and other soil conditioners such as humates. ZEBAXL is ideally placed below the seed by approximately 2-15cm. When ZEBAXL is to be applied around or on top of seeds, it is important that the area is irrigated immediately as this will optimise germination of the seed.

#### **BROADCAST AND INCORPORATED APPLICATION**

ZEBAXL can be broadcast with an appropriate metering unit just prior to being incorporated. Such an example maybe for the preparation of planting beds for melons, tomatoes or similar. It is important to ensure the incorporation is not too deep, keeping ZEBAXL near to the rooting zone. Keep ZEBAXL incorporation as near as possible to the drip line, planting line or fertiliser placement.

Alternatively if broadcasting is to benefit surface crusting / slaking of soils, ZEBAXL should be incorporated 1-2cm below the soil surface and above the seed placement.

#### **SUBSTRATE INCLUSION**

ZEBAXL has been found to add value to substrate mixtures in many different formats. Testing of the particular substrate to be used is always recommended as the use rates may vary greatly. Substrates that can benefit from addition of Zebaxl include small seeding modules, large pots, soil & compost substrates, poor soils and green roofing. The application range from these types of substrates is 0.3 g/L or 300 g/m<sup>3</sup> up to 2 g/L and 2 kg/m<sup>3</sup>. Mix ZEBAXL thoroughly into the substrate before use.



#### **NEW TREE PLANTINGS**

ZEBAXL is recommended to be mixed evenly into the soil or soil substrate which is intended for backfilling around the tree saplings or burlap wraps.

#### **MIXING AND COMPATIBILITY WITH OTHER SOIL APPLIED PRODUCTS**

ZEBAXL has no known incompatibility with soil applied fertilizers, soil conditioners and soil applied biological treatments.

It is not recommended for use in direct mixtures with any type of pesticide.

#### **MIXING INSTRUCTIONS**

For the optimum use of ZEBAXL ensure it is mixed evenly within the target area of soil and substrate.

Mixing into substrates of soil or compost and nutrient mediums requires little specific measures.

#### **CONDITIONS OF SUPPLY**

All goods supplied by us are of high grade and we believe them to be suitable; however, as we cannot exercise control over their storage, handling, mixing or use, or the weather conditions before, during and after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded, and no responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. Our staff or agents cannot vary these conditions whether or not they supervise or assist in the use of such goods.



### **STARCH BASED SOIL CONDITIONER**

**Increasing the efficiency of water and nutrient for improving crop performance.**

Containing (88% Starch-g-Poly).

Improving seedling, crop and plant development, reducing stress symptoms.  
Ideal for an extensive range of agricultural, horticultural, grass and amenity applications.

With additional applications in trees, vines, compost and soil substrates.

**ZEBAXL is a soil conditioner which is non-toxic and biodegradable.** This product is classified as not hazardous according to Regulation (EC) 1272/2008 and Directives 67/548/EEC and 1999/45/EC.

Marketing Company:

**UPL Europe Ltd.**

The Centre, 1st Floor, Birchwood Park, Warrington, WA3 6YN

Telephone: 01925 819999 Fax: 01925 817425

**Net Weight on the bottom right of the label. 5 or 20 kg**

**Batch number:**

#### **IMPORTANT INFORMATION**

ZEBAXL IS A SOIL CONDITIONER INTENDED FOR SOIL INCORPORATION

Areas of use

: All arable, potato, vegetable, horticultural, grassland and amenity crops.



Saplings and mature trees (fruit, citrus, nut and forestry plantations).  
Potting soils, composts and soil applied substrate mixtures.

Maximum application rate : There is no specific maximum application rate, however it is advised to adhere to guidance on rates of application.

**Total No. of applications per season : N/A**

**Application methods** : Zeba should be applied into soil and soil substrates. It is not recommended for surface application without incorporation.

**READ THE LABEL BEFORE USE.**

### SAFETY PRECAUTIONS

#### OPERATOR PROTECTION

No specific operator protection is required as this product is not classified as toxic. Handle in accordance with good industrial hygiene and safety practice. Avoid dust formation. When using, do not eat, drink or smoke. Avoid inhalation of vapor when opening bags, there is a faint odor resembling ammonia which is not harmful.

#### ENVIRONMENTAL PROTECTION

No specific environmental protection required as this product is not classified as toxic to the environment.



### STORAGE AND DISPOSAL

Keep in original packaging, tightly closed, dry and in a safe place. Empty all packaging completely and dispose of safely. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Keep away from fire and sparks. Avoid release to the environment. Refer to special instructions/safety data sheet. Spillages should be cleared up immediately.

### DIRECTIONS FOR USE

IMPORTANT: ZEBAXL is suitable for many applications and rates of use depending on the specific situation.

The following is a guide and is in no way limited or exhaustive. Please consult UPL Europe Ltd, or your ZEBAXL distributor, on further guidance if required.

### CROP APPLICATIONS

All arable crops		Green cover / amenity Vegetation	4.5 – 10 kg/ha	Reduced Surface crusting /Slaking
Small grains (wheat, barley, oats)	2 - 10 kg/ha	New seeding of grassland (including amenity)	5-10kg/ha	2.2 - 5 kg/ha
Maize / Corn	4.5 – 10 kg/ha			
Potatoes	10 – 12.5 kg/ha in row 20 – 25 kg/ha overall			Planting beds and landscaping 0.5 – 2.0 kg/100m <sup>2</sup>
Root crops (including sugar beet and turnips)	3.4 – 8 kg/ha			
Salad and Vegetable crops. (leafy Brassica, cabbage, lettuce, carrots)	4.5 -10 kg/ha			



Fruit crops & Fruiting Vegetables (Strawberries/ tomatoes/Melons)	8 -15 kg/ha	Amenity Grassland (golf courses, parks & laying of Sod)	0.5 -1.5 kg/100m <sup>2</sup>	
Allium (onion/leeks)	4.5 – 10 kg/ha	Trees (Fruit, Citrus, nut and forestry plantation coppices.)	0.5 – 14 grams/plant 7.9 -15kg/ha	
Legumes and Pulses (peas/beans/clovers/ Lucerne)				
Fresh herbs and spices Herbaceous plants (Chicory)	4.5 – 10 kg/ha	Grapes (wine and table)	1-2grams/plant 7.9 -15 kg/ha	
Ornamentals	4.5 – 10 kg/ha			

### EFFECT OF PRODUCT

ZEBAXL absorbs water naturally within its polymer structure, holding this water in the soil, thereby increasing a soils water holding capacity. This water is then able to be released according to natural processes to meet requirements of the soil matrix. ZEBAXL as a soil conditioner will improve overall soil properties, increasing the efficiency of soil applied nutrients.

### SOIL APPLICATION

ZEBAXL is primarily intended for incorporation into soils or soil substrate mediums such as composts.

### TIMING

ZEBAXL is suitable for pre or post crop emergence. ZEBAXL **must** be incorporated into the soil, mainly before sowing planting or transplanting. With specialised equipment, ZEBAXL can be side shanked into the soil once the crop has emerged. ZEBAXL is **not** intended for surface application without adequate incorporation.

### SOIL TYPES

ZEBAXL is applicable in all soil types and substrates. Where a range of application rates are provided, we would advise higher rates in lighter sandier soils.