



## Cypher™

### 100% Organic Acids

Unlock nutrient potential for increased crop growth and yield.

#### Benefits

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- › Cypher is a modified organic acid blend derived from the plant active portions of lignin and leonardite ore. It is a patented product designed to condition soils and substrates, which have lost momentum, become compacted or overloaded in bonded salts.
- › Cypher can be applied alone or can be formulated with basic and acidic fertilisers
- › Cypher is can be irrigated to or sprayed over any growing substrate to aid nutrient availability and stimulate increased rootzone activity
- › Cypher meets all the requirements of sustainable agriculture and offers farmers and growers 'natural' way to improve rootzone health and productivity.

#### Crops

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Cereals, Vegetables, Salad Crops, Fruit, Ornamentals and Hardy Nursery Stock, Sports and Amenity Turf.

#### Application

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Cypher is intended to be applied with other fertilisers and rootzone applied products. Best results are achieved from regular applications of 0.5-1.5 litres per ha. For more details see rear label. It is not advisable to apply high levels of Cypher over young plants. Please adhere to recommended rates of application.

#### Compatibility

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Cypher is compatible to tank with all fertilisers and a wide range of agricultural products however it is advisable to conduct a jar test within multiple product mixes and for new products.



## Crop Application and Timing

Crop	No of Apps	Application & Timing
<b>Fruiting vegetables</b>	0.5 – 1.0L per/ha for regular application. 2.0 – 3.0L per/ha for a single application	Apply by drip method, the first application after 3/5 leaves. Follow with weekly applications of the same rate until the completion of harvest. Alternatively use a single application when analysis results show bonded salts are climbing in the rootzone to bring them in line with set points.
<b>Berry fruits</b>	0.5 – 1.0L per/ha for regular application. 2.0-3.0L per/ha for a single application	Apply by drip method, the first application after 3/5 leaves. Follow with weekly applications of the same rate until the completion of harvest. Alternatively use a single application when conductivity analysis results show bonded salts are climbing in the rootzone to bring them in line with set points.
<b>Leafy salad &amp; Herb crops</b>	1.0 – 2.0L per/ha	Apply, dividing the dose into 2-3 applications during the crop cycle by means of irrigation.
<b>Cereals</b>	0.5 – 1.0L per/ha	Apply 2 treatments through ground spray or irrigation (possibly combined with herbicides). · At 3-5 leaf stage. 4-6 weeks later.
<b>Vine crops</b>	0.5L per/ha	Apply 3 treatments, in 400 litres water per ha. pre-flowering - post flowering - ripening.
<b>Top fruit &amp; Stone fruit</b>	0.75 – 1.5L per/ha	Apply at least 3 times depending on early or late varieties in 1000 litres water per hectare. · January to late February. Can be used with micros and NPK during irrigation or soil drench. · May to June · October to November
<b>Ornamentals</b>	0.75 – 1.5L per/ha	Apply by drip method, the 1st application after 3-5 true leaves. Follow with weekly applications of the same rate until the finish of the vegetative stage. Use normal spray volumes.
<b>Sports Turf</b>	75mls per 500 m <sup>2</sup>	Apply every 4 weeks with normal fertility program

## Precautions

- ▶ **Cypher** contains a blend of organic acids and is non-hazardous and therefore safe for all shipping and transport.
- ▶ No special clothing is required when handling the concentrate however it is advisable to wear gloves and a protective face mask to avoid splash into eyes as **Cypher** may cause eye irritation.
- ▶ Please store under normal conditions and avoid frost and excessive heat.
- ▶ Please dispose of the container safely and mop up any spills with inert dry material and place in an appropriate waste container.

**READ ENTIRE LABEL BEFORE USING. SHAKE WELL BEFORE USE.**



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### Crops

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