



Before

After

# Charge

## Liquid Plant Food

### High Phosphorus Fertiliser also contains HUMIC ACID

#### Typical Analysis

N	11.36%
P	19.54%
K	5.89%
Fe	0.142%
Zn	0.07%

- ⇒ High Phosphorus content – ideal for application where phosphorus deficiency occur
- ⇒ Formulation for immediate efficient absorption
- ⇒ Contains N and K plus Fe and Zn
- ⇒ Versatile – can be used as a foliar, soil applied, as a starter with seed and transplants and can be applied by ground or aerial equipment
- ⇒ Suitable across broad range of crops
- ⇒ Convenient to use liquid
- ⇒ Contains Humic Acid
- ⇒ Packed in 10L containers

**Charge** derives a high rate of phosphorus, which is the key nutrient, necessary for root development, cell division and growth. Phosphorus is needed for photosynthesis, sugar and starch formation, in energy transfer and the movement of carbohydrates within the plant. In some pome and stone fruit it produces firmer, denser fruit which are less susceptible to storage disorders.

Phosphorus is not always available from the soil when the crop requires it. **Charge** is formulated and has Humic Acid for immediate uptake overcoming such problems resulting in higher yields and improved quality.

**Charge** is suitable for a variety of crops including horticulture, cereal, row crops, broadacre and pastures.

**Growth  
Agriculture**

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ALWAYS CHECK FOR COMPATABILITY FIRST. Further information and advice contact Growth Agriculture Pty Ltd on FREECALL 1800 440 438.

APPLICATION	RATE LT/Ha	COMMENTS AND INFORMATION
<b>Cotton</b>	2- 4 4 - 6	Apply after true leaf stage. Apply as first square appears. Use up to 2 additional applications at 2-4 week intervals.
<b>Winter Crops</b>	4 - 6	Apply when 20-25 cm tall. A repeat application just after flowering may assist in filling out the kernels.
<b>Beans</b>	4 - 6	Apply prior to bloom. Repeat as pods begin to fill.
<b>Maize</b>	4 - 6	Apply when crop is 50 cm. Repeat prior to tasselling.
<b>Rice</b>	4 - 6	Apply at boot stage. Repeat 1- 2 weeks prior to bloom. Repeat after bloom.
<b>Sorghum</b>	4 - 6	Apply prior to heading out. Repeat after 2 - 3 weeks.
<b>VEGETABLES</b>		
<b>Artichokes</b>	4 - 6	Apply at bud stage. Additional applications can be made at 2 week intervals.
<b>Beans, peas</b>	4 - 6	Apply prior to bloom. 2 additional applications may be made at 2 week intervals for set and size.
<b>Cabbage, cauliflower, broccoli, cole crops</b>	2 – 4 2 – 4 4 – 6 4 – 6	(TRANSPLANT) Apply 1- 2 weeks after transplant. (DIRECT SEED) Apply 1- 2 weeks at 4-5 true leaf stage. Apply at bud stage. Apply at 2 - 3 week intervals.
<b>Lettuce, spinach</b>	4 - 6	Apply after thinning, repeat at 2 – 3 week intervals.
<b>Celery</b>	4 - 6	Apply after transplanting. Repeat at 2 week intervals.
<b>Potatoes, sweet potatoes, yams</b>	4 - 6	Apply when plants are 10-15 cm for set. 2 additional applications may be made at 3-4 week intervals.
<b>Sweet corn</b>	4 - 6	Apply when crop is 50 cm. Repeat prior to tasselling.
<b>Tomatoes, peppers</b>	4 - 6	Apply at bud stage prior to bloom. Two additional applications at 2 week intervals. May be used in transplant water at the rate of 30-45 L/ha.
<b>Other vegetable and root crops</b>	4 - 6	Apply at 2 week intervals after thinning or when plants are well established.
<b>Almonds, pistachios, pecans, walnuts</b>	6	Apply after bud swell to popcorn stage prior to bloom. Repeat after petal fall.
<b>Citrus</b>	6	Apply prior to bloom. Repeat as new growth appears. DO NOT apply in combination with oils.
<b>Grapes</b>	2 – 4 4 – 6	Apply when canes are 30-45 cm in length. Apply between shatter and buckshot stage for sizing.
<b>Rasberries, boysenberries, blackberries</b>	4 – 6 4	Apply prior to bloom. Apply after bloom at 2 week intervals.
<b>Strawberries</b>	4	Apply prior to bloom. Repeat at 2 week intervals.
<b>PASTURES</b>		
<b>Dairy, sheep, beef booster</b>	4 - 6	Apply in Spring and Autumn within 2 weeks of heavy grazing.
<b>Hay, silage</b>	4 - 6	Apply in early Spring and 1-2 weeks after each cut or grazing.
<b>Lucerne (hay)</b>	4 - 6	Apply after each cutting.
<b>Lucerne (seed)</b>	4 - 6	Apply prior to bloom. Apply 2 weeks after bloom.

Helping you grow a better future