

FERTIDRIP SYSTEM

Fertidrip nutrients are scientifically formulated using only the highest quality mineral salts. Use of **Mono Calphos** and **Big Mag** together provides a complete nutrient solution balanced in NPK, secondary nutrients (calcium, magnesium, sulphur) and micronutrients such as iron, zinc etc. which are needed for prolific growth and bloom.

ADVANTAGES OF FERTIDRIP SYSTEM

- **Concentrated formulas.**
- **Provides vigorous early growth and flower set.**
- **Improves taste, aroma and quality of produce.**
- **Increases productive symbiotic association with microbes at plant roots.**
- **Crop is grown in soil so there are many benefits from humic and fulvic acids naturally present or added to the soil.**
- **Soil is naturally buffered, provides a reliable source of water to prevent drying, improving water and nutrient-use efficiency.**
- **The slow even drip system feeds crops with nutrients at an optimum rate for economical use of nutrients with little or no leaching.**
- **The soil surface is covered to lower evaporative loss of water, and prevent growth of weeds. Small weeds are easily removed without need for herbicides.**
- **Scientific formulation provides professional results every time.**

OPTIMUM SOIL CONDITIONS

SOIL: Loamy sand

SOIL pH: ideally maintained at pH 5.5 - pH 5.8

SOIL EC: ideally maintained at 2.0mS/cm

SOIL Temperature: Ambient. Improved photosynthesis by growing in direct sunlight.

SOIL MOISTURE: Optimal moisture maintained with a micro sprinkler.



FERTIDRIP SYSTEM

The Fertidrip System is a Western Fertiliser Technology Pty Ltd invented growing method of applying liquid fertiliser directly to the plant's root system for economy and savings in labour. Fertiliser is distributed to the root system slowly over weeks or months with a dripper cap and a container suspended in a funnel, a few inches above the soil. This minimises fertiliser wasted on weeds, on unplanted areas or on run-off. The Fertidrip System can be ideally partnered with a micro-sprinkler (water only). The drippers do not need positive pressure to work as they are set to work under gravity; this allows very slow drips of 1000-mis per month, obviating the need for constant re-fills of the liquid fertiliser reservoir, saving labour.

Applied to fruit trees grown in a 50 to 100-litre tub, very high productivity can be achieved from a limited area; about a tenth of the area compared to a full grown tree, but with the same productivity and outstanding quality of fruit. Vegetables such as cauliflower, cabbage, onions, carrots, chillies, okra, tomato etc., and herbs can be grown with the Fertidrip System.

Quality and quantity is guaranteed by use of Western Fertiliser Technology's supremely efficient liquid fertilisers. For example, up to 8 large mangoes per tree can be grown in a 50 to 100-tub set up with Mono Calphos and Big Mag drip system. The system can also be placed under any tree or fruit tree grown directly in soil.

Equipment needed

- Two 1-litre plastic bottle with a pop-up lid. Make a small pinhole at the bottom of the bottle. Close fully then carefully open the pop-up cap fractionally so that there is a very slow drip, about one drop every hour. Adjust so that the 1-litre bottle will be empty in about a month.
- Two 100-mm diameter plastic funnels. Smaller 75-mm funnels and smaller 500 ml bottles can be used.
- Cotton wool is used to seal the stem of the funnel from soil and feeder roots.
- Mono Calphos and Big Mag liquid fertilisers.

Setting up

- Make a 10-mm wide hole in the soil and push the funnel down into the soil so that the rim of the funnel is nearly level with the soil, securing it from moving.
- Dilute the two fertilisers with water (water:fertiliser ratio 10:1 or 20:1). Mono Calphos contains calcium and other nutrients and Big Mag contains sulphur and other nutrients. Calcium and sulphur in high concentrations can form insoluble gypsum.
- Fill up to the 1-litre mark and place bottles on the funnel. Use some cotton wool so that the bottles sits vertically.
- Check in a few days that the drip rate is satisfactory. The bottle should be empty in about a month.



MONO CALPHOS



Made in Western Australia

ANALYSIS		(%W/V)
Nitrogen		11.8%
Phosphorus	(P ₂ O ₅)	24.0%
Potassium	(K ₂ O)	8.4%
Calcium	(Ca)	2.2%
Magnesium	(MgO)	4.2%
Sulphur	(S)	0.5%
Iron	(Fe)	0.06%
Copper	(Cu)	0.04%
Manganese	(Mn)	0.06%
Zinc	(Zn)	0.06%
Boron	(B)	0.06%
Molybdenum	(Mo)	0.02%
Cobalt	(Co)	0.03%

**MIX
WELL
BEFORE
USE**

WARNING: KEEP OUT OF REACH OF CHILDREN. IF SWALLOWED SEEK IMMEDIATE MEDICAL ADVICE. IF SPLASHED IN EYE WASH WELL WITH WATER.



WESTERN FERTILISER TECHNOLOGY PTY LTD

15 Ryelane Street, Maddington

WESTERN AUSTRALIA 6109

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BIG MAG



Made in Western Australia

ANALYSIS		(%W/V)
Nitrogen	(N)	13.0
Phosphorus	(P ₂ O ₅)	5.5
Potassium	(K ₂ O)	3.6
Calcium	(Ca)	0.2
Magnesium	(MgO)	5.0
Sulphur	(S)	4.0
Iron	(Fe)	0.13
Copper	(Cu)	0.08
Manganese	(Mn)	0.18
Zinc	(Zn)	0.18
Boron	(B)	0.08
Molybdenum	(Mo)	0.01
Cobalt	(Co)	0.01

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