

Worm Juice

“A worm will eat all that once was living and convert it to a rich SOIL & PLANT CONDITIONER”

WHAT IS WORM JUICE?

A COMPLETE PLANT FOOD ON ITS OWN OR AS A SUPPLEMENT TO OTHER FERTILISERS

Worm Juice is a by-product of nature in liquid form, **WORM JUICE** is rich in good nitrogen fixing bacteria, and the key is the 100,000CFU/ml bacteria plus ready available *liquid minerals and trace* elements for *immediate* plant uptake.

WHAT MAKES WORM JUICE WORK?

Worm Juice provides a wealth of nutrients and minerals (over 60 different elements providing many of the requirements of your plants). It is the enzyme in the worm's digestive systems that allows all the nutrients and trace elements to become water soluble, therefore readily available for plant life.

WHAT WORM JUICE IS NOT!!!!

Worm Juice is not a NPK fertiliser. Whilst it contains some Nitrogen, Phosphorous and Potassium it's major strength lays in it biological activity and complex range of other nutrients and minerals. Plants need more than NPK to grow well and we suggest you maintain your normal fertiliser program initially. However, once you have been applying **Worm Juice** for a while you will be able to reduce your fertiliser application as the soils natural processes will have re-established and the plants will be sourcing the Nitrogen, Phosphorous and Potassium that was previously locked up in your soil. Remember, the value of **Worm Juice** is in the millions of beneficial bacteria that starts work in your soil and on your plants as soon as it is applied.

HOW IS WORM JUICE APPLIED?

WORM JUICE can be applied at any time in wet or dry conditions, is safe and easy to use. If possible, avoid application during the midday heat. It is applied through a boom or any spray equipment. **WORM JUICE** can be used in trickle and spray irrigation systems. **WORM JUICE** can be applied on it's own and **farmers** have reported using it as plant food/wetter combined with herbicides and insecticides (with very good results). Also very effective as a seed dress for all types of seeds, **WORM JUICE** promotes germination.

WHY DOES PRE SOWING APPLICATION OF WORM JUICE HELP?

WORM JUICE stimulates the microbial activity in the soil, giving a healthy environment for the crop or pasture to be sown. Bacteria and microbes help in the uptake of nutrients from the soil and atmosphere, free of charge. The increased microbial activity in the soil aids the release of **"locked up"** nitrogen and other nutrients, thus helping the development of a vigorous root system in your crop.

WHY DOES SEED DRESSING HELP?

WORM JUICE coats the seed with nitrogen and bacteria, giving the seed a kick-start when germinating.

WHY DOES FOLIAR SPRAYING WITH WORM JUICE HELP?

WORM JUICE applied at the "early tillering" & "boot" stages helps to top up the crop with readily available nitrogen and trace elements.

When applying **WORM JUICE** as a foliar spray the loss of valuable **"N"** from the foliar application to the atmosphere & leaching is virtually non-existent.

Natural growth factors are taken up by plant tissue within a short time after application. These compounds have a significant impact on plant health. They encourage cell division and strengthen the natural defence mechanism against fungal disease. It stimulates flowering and fruit set and improves the uptake of high NPK fertilisers.

HOW IS WORM JUICE MIXED AND AT WHAT RATES?

For Home Garden use:

PLANT FOOD: Stir 100mls. of **WORM JUICE** into a container holding 1ltrs. of water and apply around base of plant. Repeat in about 6 weeks and again in about 3 months for maximum effect.

SOIL & FOLIAGE ACTIVATOR: Stir 100mls. of **WORM JUICE** into a container holding 5ltrs. of water and apply to plant foliage or around base of plant. Repeat in about 6 weeks and again in about 3 months for maximum effect.

For Broad Acre use:

WORM JUICE can be used from 5 litres to 40 litres per hectare depending on requirements. It's preferred to use 80 litres of water in your boom per hectare for better coverage, but this can be reduced if necessary, e.g. 40 litres of water per hectare when aerial spraying. As a seed dress **WORM JUICE** can be mixed at 15 parts water to 1 part **WORM JUICE** and applied at 1 litre of mixture to 20kg of seed.

APPLICATION RATES TO GROW A HIGH YIELDING & HIGH PROTEIN CROP?

1. Use 10 litres per hectare of **WORM JUICE** with your pre-emergent spray.
2. Seed dress with **WORM JUICE** 1:15 mixture. (3.3mls **WORM JUICE** per kg seed)
3. Use your current fertilizer program (if applicable) when sowing.
4. If required use **WORM JUICE** at 5 to 10 litres per ha. with post emergent spray or simply as a top up.

WHAT IS OUR SUGGESTION FOR PASTURE?

1. Apply 10 lts per hectare of **WORM JUICE**
2. Apply an additional 5 lts per hectare after 6 weeks.

The benefits of using **WORM JUICE liquid plant food**, is

(a) that the major/secondary/and trace elements are immediately available because of their dissolved state &

(b) **WORM JUICE**'s high bacteria count, upon application, immediately inoculates the soil, kick starting microbial activity helping to break down organic matter much quicker. Thus increasing plant growth, soil aeration, moisture absorption, **and a healthier soil.**

A typical WORM JUICE sample analysed

Healthy bacteria	100,000 CFU/ml
Nitrogen(N)	64 mg/L
Phosphorus(P)	21 mg/L
Potassium(K)	940 mg/L
Sulphate	82 mg/L
Calcium	62 mg/L
Magnesium	150 mg/L
Sodium	120 mg/L
Copper	276 ug/L
Zinc	105 ug/L
Manganese	.26 mg/L
Iron	1.5 mg/L
Boron	.41 mg/L

CONSUMER INFORMATION: Do not inhale. Wear rubber gloves. Do not use any container for storage of food or drink for human consumption if this product has been in that container. Wash hands after using this product.

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