

## EARTHFOOD APPLICATION GUIDELINES

### **Directions for Domestic Application Home Gardens, Pot Plants and Lawns**

1. Gently shake Earthfood bottle (keeping in mind these are living organisms).
2. Mix 100 mls of concentrate to 6 litres of water, or 20mls of concentrate to 1litre of water. Make what you will use only as microbes do not live in water and you will need to use these within 1 hour.
3. Apply mixture to leaves and soil, once every second week for 2 months and then once a month.

### **Commercial Crop Application**

Earthfood is very easy to apply through any irrigation system and in any situation.

The solution has been filtered twice through the settlement period with first a 100-micron mesh and then a 140-micron mesh and can therefore be used through the finest irrigation drip lines.

### **For General Field Application**

Earthfood can be:

- Used in existing drip lines without build up or clogging.
- Banded into the soil (shanked)
- Injected into flood irrigation without harmful run off.
- Used in overhead sprinkler systems without tip clogging. • Used in pivot heads. • Ploughed in at any stage. Applying Earthfood at this stage increases microbial activity speeding up the breakdown of crop stubble.
- Applied to foliage
- Applied in any situation, e.g.: when you are ploughing, preparing, just before seeding, during germination, after germination, during the growing process right up to budding and or up to 10 days before harvest!
- Used all year around for full beneficial results.

### **Commercial Crop Application Schedule**

Earthfood works with growing cycle of the plant and application is as follows:

1. First Application of mixed solution must be in clean application containers for drip, spray, or irrigation. Apply to all soils designated for planting before planting.
2. Second Application as best practice (optional) is to soak the seeds for 24 hours prior to planting.
3. Third Application to seedlings once the first two mature leaves have been formed.
4. Fourth Application is foliar spray in 14 days later.
5. Fifth Application foliar spray on plants when starting to flower.

6. Sixth Application foliar spray on plants when the fruit / food starts forming.

7. Apply in the mid to late afternoon or early morning when plant is not stressed. This application method suits all herbs, flowers, ferns, indoor potted plants, hydroponics, micronutrients plants, all foods, lawns / grasses, any growing plants.

A consultation with an Earthfood Soil Scientist for further detail is available by devices, enquiries@yourearthfood.com.

**Commercial Crop Application Rates Aerial Application:** Use 10 - 40 litres/hectare (1 - 4 gallons per acre) in minimum of 45 litres (10 gallons) of water.

**Soil Application:** Use 20-40 litres/hectare / 190 litres in a minimum of 90 litres (2 - 4 gallons per acre in a minimum of 20 gallons of water) applied through any irrigation system or as a side dressing.

**Foliage Application:** Use 2.5 - 5 litres / 190 litres in a of water (1 - 3 quarts per acre). Use every 7-10 days or as needed to supplement nutritional requirements.

**Non-compatibility:** It is recommended that Earthfood not be applied with any other fertiliser or pesticide. If it is required wait 14 days after the pesticide spray and then apply Earthfood. Pesticides and Fertilisers create microbial and worm fatalities.

## **FIELD AND VEGETABLE CROPS**

**Tomatoes, Peppers & Eggplant:** Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make the first application after transplanting, thinning or at second true leaf stage. Apply 1 to 2 subsequent applications at 10-to-15-day intervals or as needed to supplement nutritional requirements. The critical stages for foliage applications are 2-3 true leaves, pre bloom and early cluster formation.

**Broccoli, Cauliflowers, Cabbage, Brussels Sprouts (Brassicas):** Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make the first application after transplanting, thinning or at second true leaf stage. Apply 1 to 2 subsequent applications at 10-to-15-day intervals or as needed to supplement nutritional requirements.

**Melons, Cucumbers, Pumpkins (Cucurbits):** Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make the first application after transplanting, thinning or at second true leaf stage. Apply 1 to 2 subsequent applications at 10-to-15-day intervals or as needed to supplement nutritional requirements.

**Lettuce, Celery, Spinach, Endives, Parsleys & Other Leafy Crops:** Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make the first application after transplanting, thinning or at second true leaf stage. Apply 1 to 2 subsequent applications at 10 to 15 day intervals or as needed to supplement nutritional requirements.

**Beans, Peas & Corn:** Use 20 - 40 litres/hectare, (2 - 4 gallons per acre) per application. Make the first application after thinning or at second true leaf stage. Apply 2 to 3 subsequent applications at 10-to-15- day intervals or as needed to supplement nutritional requirements.

**Strawberries:** Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make the first application after transplanting. Apply at 30-day intervals or as needed to supplement nutritional requirements.

**Potatoes, Carrots, Onions & Other Root & Tuber Crops:**

Improves foliage colour as well as tuber development. Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make the first application after transplanting or at second true leaf stage. Apply 1 - 2 subsequent applications at 10-to-15-day intervals or as needed to supplement nutritional requirements.

**GRAPES, HOPS & OTHER VINE CROPS Grapes, Hops:**

Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application.

**Table Grapes:** Make first application at bloom. Apply subsequent applications at bunch pre-closing, veraison and 2 to 3 weeks prior to harvest or as needed to supplement nutritional requirements.

**Wine Grapes:** Make first application at approximately 5% bloom. Apply subsequent applications at bunch pre closing, veraison and 2 to 3 weeks prior to harvest or as needed to supplement nutritional requirements.

**Raspberries, Blackberries, Blueberries, Kiwis & Other Cranberries:**

Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make first application at pre-bloom. Make subsequent applications at 30-day intervals up to harvest or as needed to supplement nutritional requirements.

**TREE CROPS: FRUIT, NUT & CITRUS Almonds, Walnuts & Other Nut Crops:**

Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make the first application at green tip. Make subsequent applications at 30-day intervals up to nut fill or as needed to supplement nutritional requirements.

**Plums, Nectarines & Other Stone Fruit:**

Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make the first application at green tip or pink bud. Make subsequent applications at fruit set or jacket fall, fruit thinning and 2 to 3 weeks prior to harvest or as needed to supplement nutritional requirements.

**Apples, Pears & Other Pome Fruits:** Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make the first application at green tip. Make subsequent applications at 30-day intervals up to harvest or as needed to supplement nutritional requirements.

**Citrus & Avocados:** Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make first application at pre-bloom. Make subsequent applications at mid-crop and 3 to 4 weeks prior to harvest or as needed to supplement nutritional requirements.

**Olives:** Use 20 - 40 litres/hectare (2 - 4 gallons per acre) per application. Make the first application at pre-bloom. Apply subsequent applications at 30-day intervals to harvest or as needed to supplement nutritional requirements.

GENERAL PRECAUTIONS: • Keep Out of Reach of Children. • Not to be taken. • Wash hands after each use. • If irritation to skin and eyes occurs, rinse with water. • Wash all treated plants before eating