
**Billet Dipping**

**Stems + Root Dipping**

**Root Soaking**

**Seedlings**

**Transplanting**

**Fertigation Application**

## Nutritional-based Nutrient Charger

Balanced Broad-spectrum formulation that acts as a nutrient charger to improve vegetative reproduction and seedling establishment. Unidip charges tissue with ionic form of essential nutrients.

The nutritional boosting achieved by Universal Dip increases the level of essential nutrients such as nitrogen, phosphorous, potassium and trace elements. This ensures that the newly grown tissue has adequate and balanced levels of all essential elements and is consequently more vigorous and resistant to disease agents.

**Universal Dip** at recommended dilution rates increases the level of essential nutrients in roots, treated organs and plant parts used in vegetative reproduction.

## Benefits

Air spaces are replaced with essential nutrients which increases the power to generate better root and shoot development

Transformation from bud to the new growth takes place much faster when the nutrient demands of growing tissue are satisfied

Stronger and healthier new growth forms because nutrient balance is achieved before roots become functional

Reduced dependence on soil nutrients during early stages of establishment and growth

Increases success rate by rapid growth and therefore reducing disease pressure

## How it Works

The stored essential macro and micro nutrients stimulate and maintain healthy new plant growth during the sensitive period of plant establishment when there is a high demand for essential nutrients. Roots, stem cuttings and other vegetative tissues have large 'Free Space' in the form of inter-cellular space, xylem cavity and air space (as with spongy tissues) that have a good capacity to store nutrients; therefore treatment with **Universal Dip** impacts on the loading of living cells as well as Free Space nutrient-storing compartments.

## Protection for the Delicate Transplant Period

Universal Dip's complete nutritional feeding improves growth and establishment of healthy plants. It offers a perfect replacement for any alternate fertiliser feeding during the delicate period of seedling or tree establishment.

## Three Recommended Ways to Use

### 1. Dipping and soaking of plant parts used in vegetative reproduction

Plant parts such as stem cuttings, root cuttings, tubers, bulbs, corms, rhizomes, runners, stolons and suckers all benefit.

### 2. Dipping of seedling roots before transplanting

Crop types such as tomato, celery, lettuce, capsicum, melons, eggplant and the entire range of brassicas all benefit.

### 3. Fertigating Fruit Trees or Seedlings after Transplanting

Universal Dip is a ready-made complete nutrient food to irrigate seedlings of vegetables and flowers after transplanting. It can also be used to fertigate fruit trees, vines and berries or other nursery stock.

# UNIDIP
UNIVERSAL DIP

# Universal Dip Nutrients

## METHODS OF APPLICATION

**Soaking (or dipping) of Plant Parts used in vegetative reproduction**

Plant Part

Unidip Mixture

Soak

## APPLICATION GUIDE

| Stem Cuttings | Root Cuttings | Tubers | Bulbs/Lorms | Rhizomes | Runners and Stolons | Suckers |
|---|---|---|---|---|---|---|
| Sugarcane<br>Grapevines<br>Cassava<br>Roses<br>Other Ornamentals | Blackberry<br>Raspberry<br>Guava<br>Breadfruit | Whole Potatoes<br>Cut Potatoes<br>Sweet Potatoes<br>Yam<br>Taro | Garlic<br>Onion<br>Saffron Lilies<br>Glandiolus<br>Narcissus | Ginger<br>Turmeric<br>Irises<br>Yam | Strawberry<br>Sweet Potatoe<br>Mint<br>Tarragon<br>Grasses | Bananas<br>Pineapple<br>Breadfruit<br>Bamboo<br>Taro<br>Raspberry<br>Blackberry |
| **Dilution in Water**<br>1:20 in water<br>**Application Time**<br>2 hours + | **Dilution in Water**<br>1:20 in water<br>**Application Time**<br>2 hours + | **Dilution in Water**<br>1:20 in water<br>**Application Time**<br>2 hours + | **Dilution in Water**<br>1:20 in water<br>**Application Time**<br>2 hours + | **Dilution in Water**<br>1:20 in water<br>**Application Time**<br>2 hours + | **Dilution in Water**<br>1:20 in water<br>**Application Time**<br>2 hours + | **Dilution in Water**<br>1:20 in water<br>**Application Time**<br>2 hours + |

**Dipping of Seedling Roots before Transplanting and/or fertigating seedling stocks in nursery**

Seedling Roots

Unidip Mixture

on Seedling Roots

### APPLICATION

| Vegetable | Brassicas | Fruits |
|---|---|---|
| Tomato<br>Celery<br>Lettuce<br>Eggplant<br>Zucchini<br>Cucumber<br>Capsicum<br>Pumpkin | Cabbage<br>Bok Choy<br>Cauliflower<br>Broccoli<br>Broccolini | Melon<br>Water melon<br>Strawberry<br>**Other**<br>Herbs and Flowers |
| **Dilution**<br>1:40 in water<br>**Application Time**<br>30minutes + | **Dilution**<br>1:40 in water<br>**Application Time**<br>30minutes + | **Dilution**<br>1:40 in water<br>**Application Time**<br>30minutes + |

**Fertigation after Transplanting**

Manual Application

Irrigation Systems

Watering Systems

### APPLICATION

| Crop Type | Dilution Rate | Application |
|---|---|---|
| Vegetables | 1:100 in water | Apply nutrient feed as irrigation or fertigation to plant or seedling after transplant. |
| Flowers | 1:100 in water | |
| Fruit Trees | 1:100 in water | |
| Vines | 1:100 in water | |
| Berries | 1:100 in water | |
| Other Nursery Stock | 1:100 in water | |

**Notes**

Treated plants before or after transplant; applications of granular or water soluble fertiliser to the soil should be withheld for 2-3 weeks.

## ANALYSIS AND PRODUCT ASSURANCE

**RLF**

Australian-owned Formulator, Manufacturer and Supplier of High-analysis Broad-spectrum Liquid Fertiliser technologies. For over 25 years RLF's products have been used by millions of farmers and growers world-wide. ISO 9001 Quality Assured Company since 1998.

**MACRO NUTRIEN**

| | |
|---|---|
| Nitrogen (N) | %w/w |
| Phosphorus (P) | %w/w |
| *Phosphorus ($P_2O_5$)* | %w/w |
| Potassium (K) | %w/w |
| *Potassium ($K_2O$)* | %w/w |
| Sulphur (S) | %w/w |
| Calcium (Ca) | %w/w |
| Magnesium (Mg) | %w/w |

**MICRO NUTRIENT**

| | |
|---|---|
| Iron (Fe) | %w/w |
| Zinc (Zn) | %w/w |
| Manganese (Mn) | mg/L |
| Copper (Cu) | mg/L |
| Boron (B) | |

**OBAL**