

# 2-1.3-1.6 COMPANION<sup>®</sup>

### Guaranteed Analysis:

Total Nitrogen (N) .....	2%
2% Water Soluble Nitrogen	
Available Phosphate (P) .....	1.3%
Soluble Potash (K) .....	1.6%
Calcium (Ca) .....	1%
Magnesium (Mg) .....	0.5%
Iron (Fe) .....	0.06%

**Derived From:** Fermented Plant Extracts, Sucrose, Mono-saccharides, Condensed Fermented Plant Extracts, Dextrin, Natural Organic Sequestrant, Natural Wetting Agent (Yucca Schidigera).

### Non Plant Food Ingredients:

Bacillus subtilis GB03 .....	1.35 g/L
*Not less than 1.5x10 <sup>7</sup> Colony Forming Units (CFU) per ml	



Manufactured For:

**Fernland Agencies**

HORTICULTURAL and NURSERY SUPPLIES  
*'A Growing Advantage'*

**Fernland Agencies Pty Ltd**

ABN 89 144 613 936

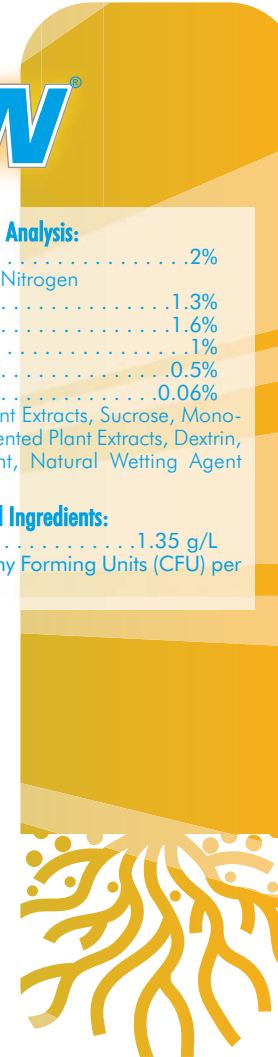
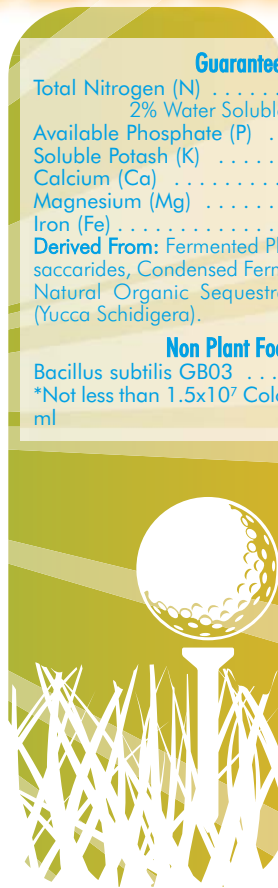
31 - 35 Paulger Flat Road, Yandina QLD 4561

PO Box 5054, Sunshine Coast MC QLD 4560

Ph: 07 5454 8800

Fax: 07 5472 8483

Email: sales@fernland.com.au



Net Contents:  10 Liter (11.9 Kg)  20 Liter (23.8 Kg)  110 Liter (130 Kg)  200 Liter (238 Kg)  1000 Liter (1.19 MT)



Read specification sheet for complete instructions on tank mixing and compatibility.

GREENHOUSE AND NURSERY INJECTION RATIO		
Set Injector Ratio At	1:100	1:200
Companion per liter of stock tank	125 milliliters	250 milliliters
Companion per 10 liters of stock tank	1.25 liters	2.5 liters

HYDROPONICS		
Hydroponics Systems for Herbs and Leafy Crops, Tomatoes and Fruiting Vegetables	<b>Charging Rate:</b> 30 ml per 120 liters water in nutrient tank	Apply at time of placement in trays. Run through system.
	<b>Recharging Rate:</b> 30 ml per 200 liters water	Replenish every time water is added or every 5 – 7 days.

TURF APPLICATIONS		
Application	Rate	Frequency
All Types of Cool and Warm Season Grasses	118 - 177 ml per 100 m <sup>2</sup>	Apply every 14-28 days. Spray at a rate of 4 - 15 liters of tank mix per 100 m <sup>2</sup> to assure soil penetration.
New Seeding & Over Seeding	118 - 177ml per 100 m <sup>2</sup>	Apply at time of seed germination. Repeat every 14 days during grow-in period.

HORTICULTURAL AND NURSERY CROPS		
Crop	Rates	Frequency & Notes
For Flowering Plants including Bedding Plants such as Annuals, Perennials, and Cut Flowers	<b>Drench Rate:</b> 125 ml per 100 Liters water <b>Foliar Rate:</b> 250 ml per 100 Liters water <b>Field Grown:</b> 2 - 5 liter per hectare	Make first application at time of seeding or germination. Repeat application every 14 – 28 days.
Propagation of Soft-wood and Hard-wood Cuttings	<b>Dip Rate:</b> Mix 8 - 16 ml per liter water	Dip basal end of cuttings individually or in bunches for 5 seconds at time of planting. Or drench cuttings after planting.
	<b>Drench Rate:</b> 125 ml per 100 liters water	Use as a drench for general propagation. Apply every 14 - 28 days.
	<b>Mist Propagation:</b> 0.15 ml per liter water	Inject daily through system.
Bare Root Transplants	<b>Dip Rate:</b> Mix 8 - 16 ml per liter water	Apply before cold storage and at time of removal from cold storage.
Shade and Outdoor Nursery Crops, Containerized Trees, Woody Vines, Foliage, Palms	<b>Drench Rate:</b> 125 ml per 100 Liters water <b>Foliar Rate:</b> 250 ml per 100 Liters water <b>Field Grown:</b> 2 - 5 liter per hectare	Apply through irrigation such as drip, overhead, sprayer, sprinkler systems, ebb and flood.
Bulbs such as Caladium, Tulips, Amaryllis, Hyacinth	<b>Dip Rate:</b> Mix 8 - 16 ml per liter water <b>Drench Rate:</b> 125 ml per 100 Liters water <b>Field Grown:</b> 2 - 5 liter per hectare	Use as a dip immediately before time of transplant or prior to cold storage. Repeat application every 14 – 28 days after planting.
Field Grown Trees (such as Fruit and Nut Trees), Shrubs and Ornamentals	<b>Field Grown:</b> 2 - 5 liter per hectare	Apply every 14 – 28 days. Can be applied through all types of irrigation systems such as drip tape, overhead or sprayer.

CROP APPLICATION RECOMMENDATIONS		
Crop	Rate	Frequency
For all types of Berries, Bulb Vegetables, Citrus, Cole Crops, Cucurbits, Field Crops, Fruiting Vegetables, Grapes, Herbs and Spices, Leafy Vegetables, Legumes and Pulses, Root, Tuber and Corm Vegetables, Tree Fruits and Nuts, Tropical / Sub Tropical Fruits	<b>Field Spray:</b> 1 - 9 liters per Ha <b>Greenhouse:</b> 125 milliliters per 100 liters of water <b>Cuttings Dip and Drench Rate:</b> 8 - 16 ml per liter of water <b>Banding:</b> 1 - 5 liters per Ha <b>Irrigation and Drip Tape:</b> 1 - 5 liters per Ha <b>Transplant Water:</b> 8 - 16 ml per liter water or for larger applications 125-250 milliliters per 100 liters water	<b>New Plantings, Transplants, and Seeding:</b> Apply at time of planting or seeding to prevent disease. Reapply 7-14 days through growing season. <b>Plug Production:</b> Drench at time of seed germination, or soak plug prior to disease development. Apply at 7 – 14 day intervals or as required. <b>Cutting Propagation:</b> Drench at time of callus formation. Repeat every 14 days until ready for field transplant. <b>Greenhouse Drench:</b> Drench to soak plug. Apply as a pre-plant drench immediately prior to field planting to control seedling diseases. <b>Field Applications:</b> Mix with transplant water. Drench at the time of planting transplant in field. Or soak bare-root transplant in the solution 1 to 5 minutes and plant immediately. <b>Drip Irrigation:</b> Add to stock solution. Use all of solution same day. Inject during last half of irrigation cycle so that Companion remains in root zone. Apply at 7–14 day intervals or as required. <b>Established Plantings:</b> Begin applications prior to conditions becoming favorable for disease. Reapply at 7–14 day intervals or as required.

**Notice - Read carefully conditions of sale and limited warranty statement.** As its sole express warranty, Growth Products, Ltd., warrants that this product conforms to the microbial description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. To the extent consistent with applicable law, Growth Products, Ltd. shall not be liable for consequential damages subject to applicable law. Growth Products, Ltd. neither makes nor authorizes any of its distributors to make any warranty of fitness or merchantability, guaranty or representation, express or implied, concerning this material. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label. To the extent consistent with applicable law, the Buyer/User purchases this product to the foregoing Conditions of Sale and Warranty which may be varied only by a written agreement signed by a duly authorized representative of Growth Products, Ltd., and if these terms are not acceptable, return all product to the place of purchase, unopened for a full refund.