



FOR MORE INFORMATION ON FOLI<sup>i</sup>MAX, CONTACT YOUR LOCAL TERRITORY MANAGER OR CALL 1800 631 008.

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*Liquid nutrition at its best*



# FoliMAX Launcher

## Liquid nutrition at its best

### FoliMAX Launcher

FoliMAX Launcher is a liquid nutrition and biostimulant package formulated specifically to fulfil essential plant requirements during the establishment and grow-in phases, and during periods of high turfgrass stress. A high phosphorous NPK ratio with the addition of kelp provide the plant with the required building blocks for healthy and vigorous establishment, stress resistance, and injury recovery.



### The FoliMAX Launcher guaranteed minimum analysis:

**Nitrogen (N) as Urea:** 8%

**Phosphorus (P) as Phosphite:** 10%

**Potassium (K) as Carbonate:** 5%

**Zinc (Zn) as Nitrate:** 1%

### The FoliMAX Launcher product characteristics:

**pH:** 1.7

**Specific Gravity:** 1.25

**Appearance:** Dark brown, viscous liquid with strong organic odour

**Solubility:** Soluble

### Key benefits of FoliMAX Launcher

- Ideal for use as a complete nutritional and biostimulant package during establishment.
- Promotes plant vigour, health and sustainable growth.
- Excellent option for pre-renovation conditioning and post-renovation recovery of the root system.
- Phosphorous present as phosphite for sustained release over a period of weeks.
- Contains kelp as an added stimulant for root growth and stress resistance.
- Activates the plants own immune defence response to plant pathogens.
- Manufactured in Australia.

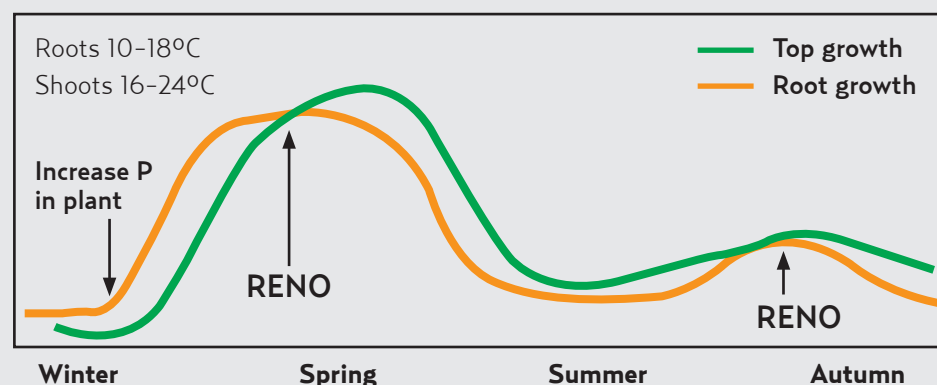
### Plant establishment and recovery

FoliMAX Launcher provides a balanced blend of nutritional and biostimulant components, specifically designed to enhance plant development during the establishment phase and during turfgrass recovery. FoliMAX Launcher is ideal for application to immature turf after planting and during grow-in, as well as for established turf during periods of high plant stress, or recovery from injury due to renovation or pathogens such as nematodes and root diseases.

The establishment phase is a fundamental period of turfgrass development, upon which hinges the quality of a future turf sward. During the establishment phase the turf seedling has specific nutritional requirements most of which are essential to the development and establishment of a vigorous root system and dense top-growth. The inability to easily apply granular fertilisers over sensitive areas of turfgrass during establishment or following renovation makes liquid formulations such as FoliMAX Launcher the ideal tool to deliver the required package of nutrients.

### Pre-conditioning turf for renovation

Turfgrass response and recovery time after renovation is often a function of plant health prior to renovation. A weak turfgrass plant and poor root system going into renovation will result in a long recovery period post-renovation, extending the time in which a green is out of play. Applications of FoliMAX Launcher in the lead up to a renovation will pre-condition the turfgrass to better cope with the stresses placed upon it. FoliMAX Launcher will initiate new root development through the contained phosphorus and kelp. Phosphorus is a key element for energy production within the turfgrass, and its application will increase root growth and carbohydrate reserves. Importantly, this process occurs prior to shoot growth and at lower temperatures, so the application of phosphorus at this time is critical to building an adequate root system and energy store prior to renovation.



### Phosphite technology

As a key nutritional requirement in establishment and root system development, phosphorous is an essential component of the FoliMAX Launcher formulation. FoliMAX Launcher contains 10% P as phosphite, which provides a sustained supply of phosphorus within the soil as it is converted to plant usable phosphate within the root zone. This avoids luxury consumption of phosphorus which can occur when large volumes of plant available phosphorus are applied. When phosphorous reaches levels of luxury consumption, the availability of important micronutrients such as iron can be compromised within the plant.

Phosphites have also been proven to assist in improving plant health, particularly during stressful growing conditions which is common for intensively managed turfgrass. Phosphites activate the plant's own immune defence responses which may suppress growth of certain plant pathogens such as Pythium, which is a major disease of immature seedlings in the form of Damping Off. Within the plant phosphite ions are extremely mobile, moving both up and down throughout the vascular system.

### Kelp Concentrate

In addition to satisfying the nutritional requirements of establishing turfgrass, FoliMAX Launcher also provides a biostimulant source through the inclusion of Kelp Extract within the formulation. Research has shown that applications of kelp based products can assist in improving root growth and density, reducing drought stress and offer improvements in overall plant health and vigour.

Being dominated by auxins, the kelp component of FoliMAX Launcher has the primary effect of initiating root growth in the turf plant. When applied regularly, this will improve the density and depth of the root system. In addition to this, the contained cytokinins within the kelp has an important role in reducing the effects of heat stress.

These stimulants do not provide the building blocks for turf growth, but are a hormonal trigger that activate the plants growth mechanisms. Therefore it is important to ensure adequate nutrition is available for sustained growth. The balance of nutrients and biostimulants within FoliMAX Launcher is vital in achieving optimum plant response. The presence of plant hormones in the kelp component, and balanced nutrition facilitates healthy and vigorous root growth, and dense top growth for immature and established turf.

### FLEXIBILITY IN APPLICATION RATES WITH FoliMAX Launcher

FoliMAX Launcher can be used as a foliar and/or soil drench for use in a complete and balanced nutrition program and as a root growth promoter during establishment and after periods of stress. Apply as a spray application on all turf grasses and landscape plants in a water volume of 5-15L per 100m<sup>2</sup> (500-1500L/Ha), depending on the application rate. Avoid mowing for 24 hours following an application.

Situation	Rate	Comments
Foliar application Greens	10-15L/ha 100-150mL/100m <sup>2</sup>	Apply in a minimum of 500L of water per hectare. Repeat every 14-30 days during the active growing season.
Foliar application High cut turf	10-20L/ha 100-200mL/100m <sup>2</sup>	Apply prior to tournaments and events to enhance turf colour. Apply in a minimum of 500L of water per hectare.
Soil application	20-40L/ha 200-400mL/100m <sup>2</sup>	Apply in a minimum of 500L of water per hectare and irrigate following application with 3-6mm of irrigation. Repeat every 14-30 days during the active growing season.
Turf establishment	10-20L/ha 100-200mL/100m <sup>2</sup>	Apply post propagation in a minimum of 500L water per hectare. For use following seeding allow 4-5 weeks after sowing before applying.
Landscape plants and ornamentals	150mL/100m <sup>2</sup>	Repeat the application every 30 days or as required.

### MIXING PROCEDURE AND COMPATIBILITY WITH FoliMAX Launcher

Fill spray vessel with half the required volume of water. Shake container of FoliMAX Launcher and add required amount to spray tank while agitating. Add remaining water to the spray tank. Continue agitating during application. Wash out spray tank, including nozzles, immediately after use.

### OTHER KEY PRODUCTS IN THE FoliMAX RANGE

#### FoliMAX Amino+

FoliMAX Amino+ is a unique combination of amino acids derived from enzymatically digested plant protein, Vitamin B1 for improved root growth and disease resistance and plant growth promoters for optimising plant response in times of stress.



#### FoliMAX Turbo 20-0-10

A nitrogen and potassium fertiliser solution containing nitrogen in the unique form of SRN-IQ, and the chloride free, dual potassium source.

