

# GALA<sup>+</sup> GROWTH REGULATOR

## Stimulant for winter dormant pasture

- Stimulates growth in winter dormant pastures
- Naturally occurring plant hormone with no withholding period
- Easy to use safe liquid formulation
- Available in 1L and 10L packs

### PRODUCT DESCRIPTION

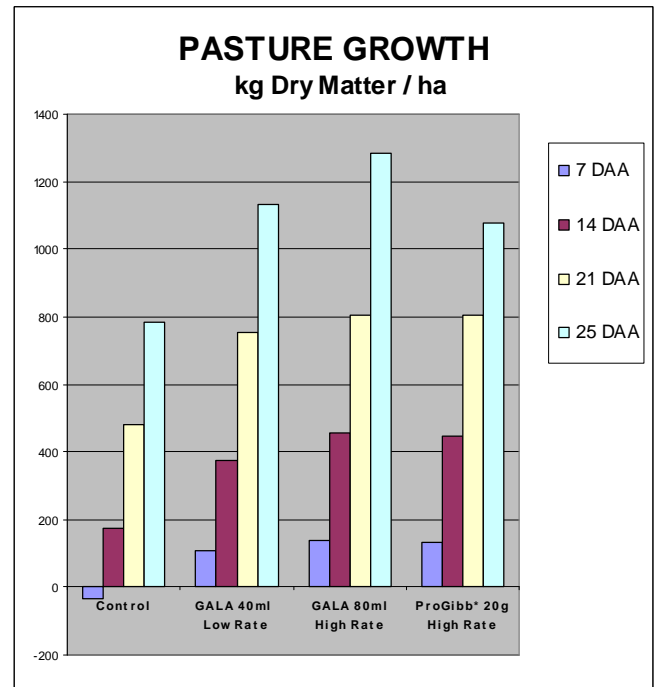
GALA is an easy to use safe liquid formulation of a naturally occurring plant hormone. When applied to pasture, GALA will promote cell elongation and increase the rate of cell division within the plants. These growth effects will often cause the pasture to appear paler or slightly yellow, however there is no loss of feed quality.

The solvent in GALA is Ethyl Oleate, a derivative of Canola Oil which is used widely in agriculture eg. Hasten Spray Adjuvant. Hasten is used as a penetrating oil to help increase the efficacy of certain pesticides by promoting greater uptake through waxy cuticles. In the same way, Ethyl Oleate may help the plant hormone in GALA to be taken into the target plants more effectively.

GALA has been used in horticultural applications for six years and has proven to be an effective and reliable product. It is now available for promoting growth in pastures during their winter dormant period.

### KEY BENEFITS

- § Increased pasture production. Trials have consistently shown that when used as directed 80mL/ha of GALA will increase pasture dry matter by approx 20kg/ha/day for 3 - 4 weeks after application
- § Increase in metabolisable energy per hectare
- § Cost effective - the value of the increased growth exceeds the treatment cost
- § Safe for you
  - ✓ Non-toxic, easy to use liquid formulation
- § Safe for your pasture
  - ✓ No phytotoxic effects, naturally occurring plant hormone
- § Safe for your livestock
  - ✓ Exempt from residue testing
  - ✓ No withholding period



Treatments were applied on 20 July 2007 to perennial ryegrass pasture in Nth Tasmania. Results are reported as kg Dry Matter per hectare increase at # days after application (#DAA). Assessments were made using a rising plate meter. Note that the GALA treatments promote some immediate increase in growth rate which continues throughout the 25 days. After 25 days, GALA 80ml has increased Dry Matter by about 500kg/ha compared with the Control, whilst the lower rate (40mL) provide about 350kg/ha. GALA at the high rate gave at least as much growth stimulation as ProGibb at its high rate (20g/ha) at each assessment.

# GALA GROWTH REGULATOR

## APPLICATION GUIDE (see product label and msds for further details)

### Pasture types and preparation

GALA can be used on most pasture types commonly found in Southern Australia. Phalaris has been shown to be the most responsive to GALA, whilst annual rye grass, perennial rye grass and cocksfoot pastures are also stimulated by GALA.

At time of application, the pasture must have sufficient soil nutrients and moisture to support and sustain rapid growth. Do not apply to newly established pastures. GALA is foliar absorbed so ensure that pasture has adequate leaf coverage prior to application.

### Timing

GALA can be applied at any time from the beginning of June to early September and has been found to work best when ambient daily maximum temperature is in the range 6 – 15°C. Multiple applications may be applied to the same pasture at minimum interval of 27 days. Best results are obtained when pasture has been grazed a few days prior to each application.

Maximum growth is usually achieved about 3 – 4 weeks following application after which pasture should then be grazed.

### Application Rates

40 - 80mL/ha. The maximum rate of 80mL/ha will give the greatest response but will require adequate soil nutrients and moisture to support and sustain rapid growth. The lower rate of 40mL/ha may be used for phalaris pasture or where a modest growth increase is required.

Apply in at least 100L water/ha and use a non ionic wetting agent such as Deluge<sup>†</sup> 1000 (@ 10mL/100L) or if applying in high pH water, use a buffering agent such as Buff-It<sup>†</sup> to reduce pH to near 5 is advised.

Spray mixture should be used on the day it is prepared. Do not leave overnight.

### Compatibility

GALA is best applied alone or with Nitrogen based fertilizers such as EASY N\* or UAN. GALA can be tank mixed with certain micronutrient products however test compatibility in a jar test before using any product for the first time as physical incompatibility may occur resulting in coagulation and loss of activity.

GALA may also be tank mixed with certain herbicides, insecticides and miticides used in pasture however the growth stimulation associated with GALA may be compromised by tank mixing. Before mixing with any other product check for latest information from your local reseller or supplier, or if in any doubt, trial a small area before full scale application.

### Specifications

Active ingredient	100g/L Gibberellic Acid
Specific Gravity	0.94
Appearance	Clear oily amber liquid

### THE COMPANY

Victorian Chemical Company (VCC) is a research and development based manufacturer of environmentally responsible oil and surfactant products that are marketed in Australia and globally. Established August 1933, VCC provides products and services to a wide range of industries including; Agriculture, Construction, Metal Manufacturing and Chemical Formulators. VCC is highly skilled at developing new product formulations, customising existing products to suit individual requirements and also offers a comprehensive toll manufacturing service. VCC continually strives to supply high performance products that will provide enhanced safety to the user and the environment. VCC's operations are governed by the international quality system ISO 9001 which ensures consistent and reliable product performance.

† Trademark used under licence

\* Third party trademark

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