



SEPTEMBER 2019

# SPRING GUIDE

**Your guide to optimising soil fertility  
& boosting feed stores in Spring**

Expert advice on nitrogen fertilisers &  
livestock gains following winter conditions

YOURS  
TO  
KEEP

EDITION 01





# Coming out of winter strong

## The spring sweet spot

Late winter to early spring is the ideal time to apply nitrogen and maximise pasture growth. It's about making the most of good growing conditions when they occur. Start early and be proactive with nitrogen applications to grow more pasture for grazing, set aside more paddocks for hay and fodder conservation, and boost yields.



# Healthy pastures, healthy livestock

UP TO

**30%**

of top producers across  
Australia recognise the direct  
link between soil fertility and  
pasture response, and are  
investing in effective nutrient  
management programs.

MLA Report#







# Optimising your nitrogen investment

## The right fertiliser and the right conditions

Targeting the best paddocks will give you the best results. These are the paddocks with improved pasture cultivars, good soil moisture and no weeds, pests or diseases. Where soil phosphorus, potassium, sulphur and molybdenum are optimal, just add the right nitrogen. Otherwise, consider one of our special blends for spring pastures.

**FASTER PASTURE  
RESPONSES**



**REDUCED LOSSES  
TO VOLATILISATION**



**MORE HOME  
GROWN FEED**

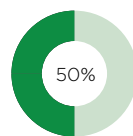




## FEATURES

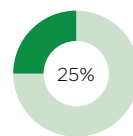
- ▶ A true liquid nitrogen solution
- ▶ Contains a high nitrogen concentration (42.5% nitrogen w/v)
- ▶ Contains urea, ammonium and nitrate forms of nitrogen
- ▶ Can be stored in on-farm tanks
- ▶ Compatible with gibberellic acid and some crop protection chemicals

## Quick and staged response for optimum plant availability



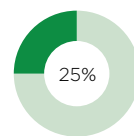
**Urea**

MORE SLOWLY  
AVAILABLE



**Ammonium  
Nitrogen**

NOT PRONE  
TO LEACHING



**Nitrate  
Nitrogen**

IMMEDIATELY  
AVAILABLE

## BENEFITS

- ▶ An easy and flexible way to apply nitrogen
- ▶ Lower volatilisation potential
- ▶ On-farm and ready to use when the conditions are right
- ▶ Easy to apply through the boomspray
- ▶ Minimal variation between nozzles for even application



## FEATURES

- ▶ The same high analysis as urea (46% nitrogen)
- ▶ Contains a urease inhibitor to protect against volatilisation losses
- ▶ Suitable where rainfall or irrigation is unlikely within a few days of application
- ▶ Can be blended with other fertilisers

## Without effective rainfall, urea losses can occur within 1-2 days

## BENEFITS

- ▶ Protects against nitrogen losses
- ▶ Retained nitrogen can then be used to grow additional pasture dry matter
- ▶ Allows greater flexibility of application timing
- ▶ Reduces nitrogen losses in unfavourable settings such as warm and windy conditions, on drying soils and on high pH soils



## CalGran<sup>®</sup> Aftergraze

### FEATURES

- ▶ A multi-nutrient fertiliser blend designed for pastures
- ▶ Contains 20.6% nitrogen in the ammonium and nitrate forms
- ▶ Supplies pastures with nitrate nitrogen
- ▶ Contains some phosphorus, potassium, sulphur and calcium

Perfect for nitrogen-hungry periods at the end of a grazing rotation

### BENEFITS

- ▶ Nitrate nitrogen is available for immediate use
- ▶ The nitrogen form minimises the risk of volatilisation
- ▶ Provides a balance of other nutrients needed to maintain pasture persistence and quality
- ▶ Provides a boost to pastures post grazing

## grass fodder hay pasture **BOOSTA<sup>®</sup>** | Greentop

### FEATURES

- ▶ Specially designed spring fertiliser blends
- ▶ Combines nitrogen with other key nutrients essential for plant growth
- ▶ Offers a range of fertilisers tailored to suit different situations
- ▶ Can be used with Green Urea NV or blended with other fertilisers

Ideal for high-performing pastures

### BENEFITS

- ▶ Boosts overall pasture growth
- ▶ Assists in maintaining and replacing nutrients
- ▶ Protects pasture persistence
- ▶ Supports good soil fertility





TURN OVER  
FOR SPRING  
PROMOTION

# Custom solutions that work for you

## Match your pasture's nutritional needs with nitrogen blends

Soil or tissue testing through the Nutrient Advantage® laboratory is a good way to assess the need for a range of nutrients before spring topdressing. There are thousands of fertiliser blends in our range, and new custom blends can be tailor-made to suit specific requirements.



We created The Ground Rules so we could provide regular, reliable agronomic insights to help you get the best out of your farm.



[groundrules.com.au](https://groundrules.com.au)



# SPRING PROMO



**WIN A \$3,000  
TRAVEL VOUCHER**  
10 OTHER PRIZES TO BE WON\*



**Buy 1 tonne of  
participating  
products to enter**

**Visit [groundrules.com.au](http://groundrules.com.au) to enter**



+ Custom Urea Blends



**Get in touch with our team**

**1800 009 832**

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\*Purchase at least 1 tonne of any of the participating products between August 1, 2019 and November 30, 2019 and send us your receipt to enter the competition. Visit [GroundRules.com.au](http://GroundRules.com.au) for full terms and conditions. This is a guide only and should not be relied on as a substitute for seeking professional, agronomic advice in relation to your farming requirements. To the maximum extent permitted by law, Incitec Pivot Limited and its related entities accept no liability in connection with this document. #An assessment and benchmarking of phosphorus nutrient use efficiency and industry management practice in southern Australia, 2014