

# Granular Serrated Tussock Control

GP FLUPROPANATE, is the new granular technology specifically developed by Granular Products Pty Ltd, Orange, NSW, to increase

the efficacy of aerial and spot applications of invasive grass weeds.

The Victorian launch for GP FLUPROPANATE, by

Granular Products Pty Ltd, will be at site E20, Farm World 2013.

Only 1.5 gms per m<sup>2</sup> of dry granules or approximately a

flat teaspoon per m<sup>2</sup>, evenly spread is sufficient to control Serrated Tussock.

Farmers can easily carry GP FLUPROPANATE in their toolbox and either use the '750 gm Shaker' or calibrate a cheap hand lawn fertiliser spreader (for larger jobs), rather than having to carry a tank mix all of the time.

This technology has been applied to the 'tried and tested' active chemical 'Flupropanate', which has shown over many years to be effective in the control of serrated tussock.

Application is only up to 15kg/ Ha (equivalent water coverage would be 70-80 l/ Ha) aerially the granules will

bounce off leaves and branches and still target weeds under the canopy, wind disturbances are negated by mechanical broadcasters and there is zero evaporation or drift.

This selective root absorbed formulation also provides 2-3 years of residual, to continually target the serrated tussock and allow productive pastures to rebuild.

For further information Contact: Hamish Munro (Granular Products) Sales Manager, 0458 687 368, hamish@granularproducts.com or Paul Hubbard (Granular Products) National Sales Manager, 0427 283 422, paul@granularproducts.com.



Serrated Tussock can be controlled.

## GP FLUPROPANATE



**SERRATED TUSSOCK STILL A PROBLEM? AUSTRALIA'S GRANULAR FLUPROPANATE CAN HELP.**

Visit Paul and Hamish at stall E20 or phone Paul on 0427 283 422.

[WWW.GRANULARPRODUCTS.COM](http://WWW.GRANULARPRODUCTS.COM)

**GP FLUPROPANATE VICTORIAN LAUNCH**

## Non - Structural Carbohydrates

Non-structural carbohydrates (NSC or water soluble carbohydrates as they are also referred to) are the sugars, starches and pectins which make up a large part of the energy component in feeds.

• **Pectins:** Soluble and rapidly fermented in the rumen producing acetic acid which aids in determining milk-fat. Grasses are low in pectins (2-5%), while legumes contain higher quantities (7-14%). Pectins decline with increasing plant maturity.

• **Sugars:** Glucose, fructose and sucrose. Simple sugars that are amongst the most rapidly fermented, and are readily digested as they reach the small intestine.

• **Starch:** Starch is the predominant storage carbohydrate found in plants and is 90% fermentable in the rumen. Cereal grains contain large amounts of starch, however the smooth covering of the seed provides the first barrier to digestion, and a protein 'matrix' surrounding the starch granules the second. It is proven that up to 30% of whole grain may pass undigested into the manure.

The optimum range for NSC for high producing dairy cows is 35-42% of DM.

Below this we see poor rumen microbial growth and digestion and a negative effect on body condition and milk protein levels.

Too much will lead to acidosis problems and a low fat test.

As part of the pelleting process at CopRice, grains are exposed to a combination of moisture, heat and mechanical grinding to both rupture the protein matrix and gelatinise the starch, thereby increasing overall digestibility.

For more information, speak to your CopRice representative Free call 1800 267 742.



The optimum range for NSC for high producing dairy cows is 35 - 42% of DM. For more information speak to your Coprice representative at site F21.



Suppliers of high quality pelleted stockfeed  
CopRice – A name you can trust



Direct into Gippsland



The CopRice animal nutrition products are a great choice for your feeding requirements. Our qualified nutritionists create the scientifically formulated rations that are designed to maximise your animals production, health and fertility. Our state of the art manufacturing facilities then produce the high quality, highly consistent products. Our quality accreditations and over 30 years experience in the industry provides peace of mind, allowing CopRice to produce your feed and you can concentrate on what you do best.

We have a wide range of dairy, beef and sheep products available to suit your needs. Our nutritionists can assist in recommending the appropriate protein, energy, starch and nutrient levels to suit your individual situation.

CopRice also has exclusive access to Rice Bran in our products. We use Rice Bran strategically, in combination with other high quality feed ingredients to create a balanced, nutritious and highly digestible pellet. These scientifically formulated pellets will help your livestock reach their maximum production potential, improve fertility and health.

- ✓ Highly Digestible Feed
- ✓ Balanced with vitamins and minerals
- ✓ Includes the highly nutritious Rice Bran
- ✓ On farm nutritional support
- ✓ Scientifically formulated rations
- ✓ Improved starch utilisation
- ✓ FeedSafe, HACCP and ISO accredited

Available in Bulk, Bulka Bags & 25kg Bags

Call now and ask for one of our Qualified Sales and Nutrition team to advise on a product that suits your requirements.

CopRice Feeds Freecall 1800 267 742  
Katrina Smith Gippsland Territory Manager Ph 0407 638 912

There is a formulation in our range to suit your needs  
[www.coprice.com.au](http://www.coprice.com.au)

CopRice is a division of Ricegrowers Limited, trading as SunRice. CR460WGA

