

The National Farmer

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NFW



NATIONAL FARMERS WAREHOUSE

From the back Paddock by Angus Blair

NFW Senior Agronomist Cotton & Broadacre

Nitrogen is one of the most important nutrients for crop growth, second only to water and is the major nutrient that can be controlled. Nitrogen exists in many chemical forms and passes around natural and agricultural ecosystems in a cycle. **Nitrogen** is one of the main chemical elements for plant growth and reproduction. It is essential for photosynthesis. It is also the basic element of plant and animal proteins, including genetic material DNA and RNA, and is important in periods of rapid growth. There are five main mechanisms for soil nitrogen losses in agricultural ecosystems. **Nitrogen** can be permanently removed from soil by erosion, volatilisation, leaching, denitrification and the fifth being losses which has been removed from the paddock through harvest or grazing/hay. Erosion losses occur when soil nitrogen is

physically removed by flowing water or other means. Volatilisation is the loss of ammonia gas (NH_3) to the atmosphere, from anhydrous ammonia, urea, or other N solution fertilizer sources. Losses of N through volatilisation can be minimised by current application management. Rates of are higher in warm conditions and high soil pH. Leaching occurs when nitrate (NO_3^-) remains in soil water and moves away from the plant rooting zone with downward water movement. Leaching is more likely to occur when rainfall exceeds the soil moisture holding capacity. Denitrification occurs when the water content of soils increase, the amount of air in the soil decreases. Bacteria can utilize the oxygen. The process results in the production of N gases, N_2 and N_2O , released into the atmosphere. Conditions necessary for deni-

trification are water logged soils, carbon sources for use by microbes, and N, either NO_3^- or NO_2^- . Higher temperatures usually increase the rate of denitrification.

It is therefore very important that you take into account the potential N losses, when planning subsequent crops. Even country that has been fertilized could be affected by denitrification and leaching, and to some degree erosion.

After water logging, a soil nitrogen test is imperative, to check N levels prior to planting. The crop nitrogen can only be managed effectively, if the starting figure and depth is available.

'Gus' is based at NFW Cecil Plains and can be contacted on 0429 482 708 Or via email: angus.blair@nfw.com.au

Double Strength Pour-On that Kills Buffalo Fly

Imax CD from Bomac Animal Health is a low dose unique vegetable oil based, none flammable Ivermectin formulation that controls all major intestinal and external parasites including *Buffalo Fly*.

Imax CD also controls *Intestinal Roundworms, Lungworms, Sucking & Biting Lice, Mites & Cattle Tick* and because of it's low

dose and vegetable oil base makes it very safe & easy to apply. Imax CD has nil WHP for milk and 42 day WHP & ESI for meat.

For further information please contact Simon Lakin who is the QLD / NT Sales Manager with Bomac Animal Health on 0439 462 333 Or via email: simon@bomac.com.au

10 litre gun pack treats 500 head @ 400kg for less than \$2.10 / head.



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NFW Store Locator

•Toowoomba - 326 Anzac Avenue	07 4614 4000
•Cecil Plains - 48 Toowoomba Road	07 4668 0888
•Warwick - 24 Industrial Avenue	07 4667 0088
•Cottonvale - 50 Middleton Road	07 4685 2136
•Miles - 68 - 74 Murilla Street	07 4627 1076
•Meandarra - Talwood / Meandarra Rd	0400 255 171
•Coonabarabran - 28 Charles Street	02 6842 1362

Farmers Benefit with Changes to Trust Laws

“The recent High Court decision in Commissioner of Taxation v Bamford highlighted ongoing discrepancies between the treatment of trust income by trust laws”

**An Extract from an address from the Hon Bill Shorten MP on the 16th December 2010*

In what will be very welcome news for approximately 23,000 Australian farmers who have trusts, the Government plans to introduce amendments before 30 June 2011 so that beneficiaries can continue to use the primary production averaging and farm management deposits provisions in a loss year.

The recent High Court decision in Commissioner of Taxation v Bamford highlighted ongoing discrepancies between the treatment of trust income by trust laws, on the one hand, and by the tax system on the other. Tax outcomes for beneficiaries of trusts often do

not match the amounts they are entitled to under trust law and the trust deed. This can result in unfair outcomes as well as opportunities for taxpayers to manipulate their tax liabilities.

As well as farmers, thousands of family businesses will enjoy more certainty as the Gillard Government today made a commitment to update Australia's trust taxation laws.

There are also major uncertainties after Bamford, especially about the extent to which amounts derived by trustees retain their character (for example, as capital gains or franked

dividends) when they flow through to beneficiaries.

To address these issues, the Assistant Treasurer, the Hon Bill Shorten MP, today announced a public consultation process as the first step towards updating the trust income tax provisions in Division 6 of Part III of the Income Tax Assessment Act 1936 (ITAA 1936) and rewriting them into the 1997 Act.

Information provided by; Affinity Partners - Accountants & Business Advisers, Newcastle

07 3250 6500

Quality Not Compromised by Pryde's with Easifeed

Pryde's Pty Ltd was the first company in the Southern Hemisphere to manufacture a range of extruded pressure-cooked cereal grain based feeds for horses.

Peter Pryde, who founded the Gunendah based Pryde's Stockfeeds in 1986, realised the benefits of extruded feeds when studying and training as a food technologist. He was convinced that cooking the starch and protein in grains would allow a much more efficient digestion process in the small intestine of the horse, overcoming many of the digestive and behavioural problems associated with feeding grain to horses.

Today Pryde's operate under the Stockfeed Manufacturers Council guidelines and have adopted the FeedSafe™ Quality Assurance Program, which guarantees a clean fresh product every time it is manufactured. Customer service remains the highest of priorities combined with the supply of quality nutrition

products. Pryde's manufacture, pack and despatch products to order which helps ensure each batch of feed is freshly made when leaving the facility.

Pryde's have an active product development program with a number of innovative new feeds in the pipeline that will meet all the nutritional needs of a wide range of horses.

Prydes Easifeed have a range of Equine Products that are scientifically formulated to provide your horse with all the essential nutrients required, be it Breeding, Racing, Pony Club, Hacking, Showjumping, Leisure or High Performance.

Pryde's is a family owned company that is committed to producing the best quality feeds at competitive prices. Pryde's prides itself on offering only the highest quality, locally grown, grains, oils and other ingredients to manufacture their products which are stored under optimum controlled conditions in purpose



built aerated silos.

Pryde's have built a reputation for the integrity of their feed blends. Prydes Easifeed is the choice of Champions;

Feed the Best to Beat the Rest, Feed Prydes Easifeed.

Contact Pryde's Sales Manager, Ron Major, today on;

0438 088800 or Ross Ruhle NFW Toowoomba Manager on 07 4614 4000 to discuss your Horse Nutrition requirements.

Visit Website www.prydes.com.au



Buy 10 bags of Pryde's Easi-Response and get 1 free, that's a 10% discount for the month of February.....what a deal!

OSPRAY Continues To Expand It's Product Range

From 1st January 2011, the well regarded insecticides LE-MAT and FOLIMAT will only be available through Ospray, to finalise the arrangement where Ospray exclusively distributes the Arysta product range in Australia and New Zealand. Both products have developed a strong following for reliable results to control mites in crops such as cotton, pasture and cereals.

Bayer Cropscience have previously provided sound product stewardship which will be con-

tinued by Ospray. The active ingredient in LE-MAT and FOLIMAT is omethoate.

Our now exclusive manufacturing source previously used by Bayer is the only site and process which meets APVMA specifications.

Should any other material be made available for you to purchase, it is unlikely the low levels of the toxicological impurity can be consistently achieved across batches and the level of ac-

tive maintained at + or - 5% the registered amount of 290g/L.

Your alternative choice may simply not provide the results in the field and the risk to users and those exposed is unknown. Of course it's your choice what you want to use.

For more information please contact Paul Hubbard the Ospray QLD Manager on

Mobile 0427 283 422.



Floods Assistance Available

Queensland Rural Adjustment Authority (QRAA) are offering grants of up to \$25,000 for primary producers and small business affected by floods in Queensland to assist with cost of direct damage resulting from recent flooding.

DEEDI Freight subsidies of up to \$5000 per disaster event are available for eligible primary producer located within the disaster-declared areas.

QRAA Concessional Loans (low interest rate loans) of up to \$250,000 for eligible primary producers and small businesses

located within a disaster-declared area can be obtained.

DEEDI are also able to provide Farm Financial Counsellors. This a free and confidential service to assist primary producers to help manage floods and other impacts.

For complete and up-to-date information and to check eligibility for each assistance, visit the DEEDI website www.deedi.qld.gov.au or telephone 13 25 25. For information on grants and concessional loans visit QRAA website www.qraa.qld.gov.au or telephone QRAA on freecall 1800 623 946.

Rutec Fertilizers Give 10% Discount to Farmers

Rutec has offered their customer, for the next three months, a 10% discount on all their range of liquid nutrition products sold in flood affected areas. It is hoped that this practical gesture will assist farmers in these areas to maximise returns from any crops they have been able to salvage.

NFW are passing on the 10% discount to assist growers where their crops are suffering water logging. Rutec has several products that may very useful in this situation.

MegaMix Plus contains chelated micronutrients and when used as directed is highly suited to be used alone or as an adjunct to liquid nitrogen fertilizers such as Easy N. It can be applied in many ways, however the best way to help alleviate plant stress or nutritional disorder and promote plant health, quality and yield is to apply as a foliar application by ground or air. Optimum results will be obtains from several applications when apply to foliage.

Rutec have other products such as **Zn 740**, a formulation suitable for zinc deficient plants and **Cotton Mix** which is idea for cotton suffering stress.

Qld Flood Assistance...

Grants of up to \$25,000 and concessional loans of up to \$250,000 plus other assistance.

See details on the following websites:

www.qld.gov.au/floods/



For more information please contact Sandra Duncan, Rutec Fertilisers on - 07 3385 6222 or

rutec@rutec.com.au

'Get ready for Buffalo Fly with Imax CD'



No Farming Worries

STAFF PROFILE - Max Thomas



Max Thomas has more than 25 Years Ag Experience

- Born:** Forbes in 28th May 1955, grew up in Darwin, has a twin brother & an older brother & sister.
- Schooling:** Toowoomba Grammar
- Occupation:** Sales Agronomist, based in Toowoomba, works the inner downs area.
- Marital Status:** Married to Kay a school teacher, 2 children, Ben (28) & Kellie (26)
- Interests:** Motor Racing / Speedway & Kay's horses.
- Highlights:** Raising 2 great kids.

super special



THUNDERBIRD

S40B 5km Solar

Electric Fence



Ideal for Temporary Flood Fencing

\$435 Gst Inclusive

\$50 Discount off normal price (\$485 Gst Inc)

Getting the best from High Moisture Hay using **SI-LAC EXTRA**®.

Current seasonal conditions have highlighted the problem of showery weather and high humidity causing difficulty with hay-making due to crops being unable to be dried sufficiently to bale in these conditions. Continued turning for drying purposes may result in loss of leaf and quality. In many cases, hay ends up mouldy and of poor quality when eventually baled with higher than desired moisture. Further problems with potential fires can arise if moist hay is stacked. Additionally, when unfavourable seasonal conditions occur, there may be times when "failed" or poor crops that will not achieve high grain yields may be cut for hay. Most of these crops of wheat, barley, triticale, grain leg-

umes or canola contain a mix of leaf, stem and grain heads or pods, resulting in uneven drying and high moisture levels.

In this situation, when the crop is used for hay, using **SI-LAC EXTRA** is the ideal answer to these high moisture conditions.

SI-LAC EXTRA is an Australian developed fresh culture inoculant containing three different bacteria that create a stable temperature in the baled hay.

SI-LAC EXTRA aids in reducing heating and decomposition of high moisture hay by eliminating the aerobic, composting bacteria that attack high moisture feed.

SI-LAC EXTRA offers these benefits such as allowing hay to be made when moisture

levels are between 20 – 30% and aiding in the reduction of mould by creating low pH levels, unsuitable for growth of moulds by reducing heating through lowering the pH. This also helps maintain quality by retaining leaf through less turning enabling earlier baling, helping with the weather risk.

SI-LAC EXTRA is suitable for all crops and can be used when making small square, large squares, or round bales. For more information please contact *Simon Cassidy*

Grevillia Ag

Email simon@grevilliaag.com.au

Mob (0488)992202

Flood Victim Price Support

Due to wide spread flooding and devastation throughout Queensland, Onesteel and it's **Waratah** brand is pleased to offer a price support deal to any flood victims.

The special pricing is available over part of the **Waratah** range including; Plain Wire, Barb Wire, Black Star Posts & Galstar MaxY's Posts.

I would encourage any affected farmers contact NFW to be assured they are getting the best available rate.

Normal freight arrangements will be available with the pricing, however deliveries can be made to external sites, provided the site and load meets Onesteel policy.

The offer is available until the 30th of April 2011 when it will be reviewed.

Rotary Flood Appeal

The Rotary Clubs of Southern Queensland have banded together to launch the Rotary Flood Appeal Southern Queensland. The objective of the appeal is to be the conduit to best match **local** requirements with the wide-ranging resources available through Rotary Clubs and the community.

The Appeal is actively seeking donations that will be dispersed through Rotary clubs that are on the ground and in tune with local communities devastated by the floods. Donations can be made by visiting the website: www.rotaryfloodappealsq.org.au



WARATAH
FIRST - BECAUSE IT LASTS.