

Stamina GT6 Lucerne

Stamina GT6 has emerged from an extensive research program in both USA and Australia to develop a grazing tolerant lucerne.

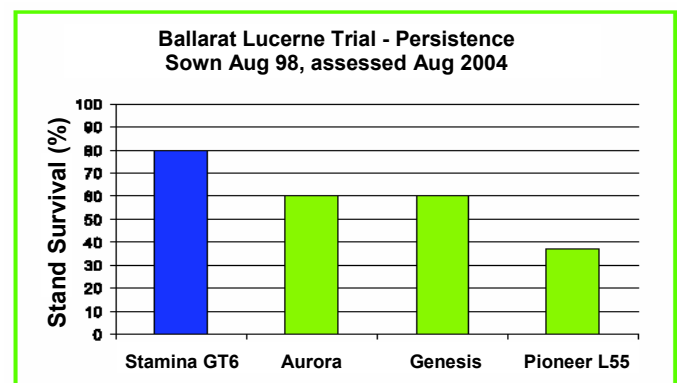
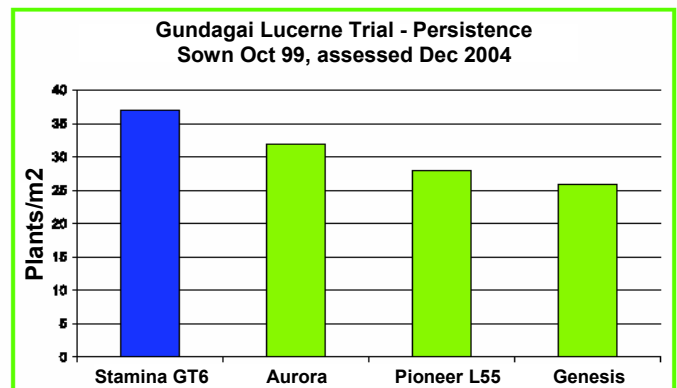
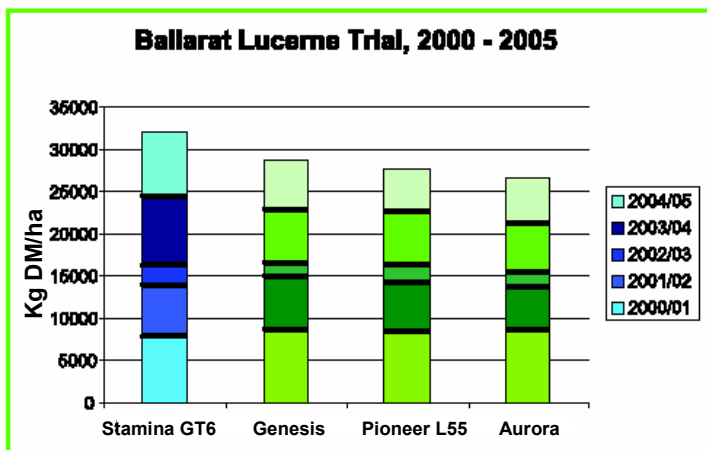
Following the drought of 2002/03, it became clear that these lucernes were better able to cope with the harsh conditions and grazing pressure, and Stamina GT6 was identified for commercialisation.

Stamina GT6 is a winter active variety (activity rating 6), with good establishment vigour, well suited to dryland mixed farming practices. It has performed better against standard varieties the longer the trial has progressed, particularly post drought.

It can be sown either alone or under crop for producers looking for a lucerne that will be better able to cope with periods of poor grazing management due to unfavourable seasonal conditions. Under good conditions it will perform better and provide good quality grazing or fodder.

Overview:

- Bred for improved grazing tolerance
- Outstanding persistence
- High yielding, especially under dryland conditions
- Good quality for grazing or hay



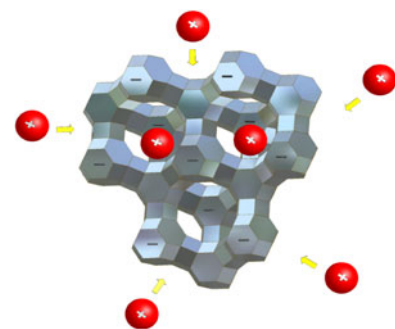
Zeolite

WHY SHOULD I USE IT?

What is Zeolite?

“Zeolite” is the name of a Group of safe, naturally occurring, environmentally friendly minerals that are aluminosilicates with similar composition and characteristics. There are some 46 different minerals in the Group and only 4 of them have the absorption characteristics that render them of commercial value. The 4 useful minerals are clinoptilolite, mordenite, chabazite and phillipsite. Of these minerals clinoptilolite and mordenite are by far the most effective. Castle Mountain Zeolites have the best of both Worlds with a mixture of both clinoptilolite and mordenite.

Fig 1. Zeolite Structure and its ability to attract.



Continued page 2...

Gaicho[®] Saves Seedling Lucerne

Biting and sucking insects have a major impact of seedling establishment of small seeded pasture species. Treating seeds with Gaicho[®] gives up to 4 weeks protection. The following scenario serves as a timely reminder of the importance of Lucerne seed coating.

A paddock east of Coonabarabran had been sown to Bass oats and under sown to Sardi 7 Lucerne. The paddock was first inspected 14 days after sowing (at oats 2-3 leaf stage, cotyledon Lucerne). High numbers of red-legged earth mites were found and the paddock was

sprayed. The agronomist reinspected the paddock 12 days later and found that the spray failed. It was noticed that the high insect pressure had held the oats back while the Lucerne grew unchecked.



Given that lucerne is normally very susceptible to RLEM, and shows greater effects on establishment than oats, why was this the case? The difference was that the Lucerne seed was treated with AgriCOTE GT. AgriCOTE GT is a seed coating-containing Gaicho[®] which is highly systemic, making it an ideal seed treatment. It is rapidly absorbed by the seed and is translocated to the cotyledons and leaves and has strong anti-feeding action against mites.

Contact your local PHR Agronomist for more information.

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What Benefits will my animals and I gain from using Zeolite?

How Zeolite Benefits Animals;

It is thought that Zeolite functions in the Gastro-intestinal tracts of animals by the binding and controlled release of volatiles.

Nitrogen (from feed or urea) as ammonia - Reducing nitrogen excretion, increasing nitrogen retention and incorporation

Carbon (as methane) - Reducing greenhouse gas emissions

Binding of bacterial toxins - Which can reduce growth significantly

Binding of fungal toxins - Which can reduce growth significantly

Contributing minerals - Particularly those trace elements essential to growth and development

As a digestion aid. - Affecting the pH of stomach/rumen

Reducing risk of toxicity from ingestion of urea in licks. - (Ability to use higher concentrations of urea, especially in the winter)

Outcomes

- Improved growth rates for cattle, sheep, pigs, goats and horses.
- Increased feed conversion.
- Reduced mortality from scours.
- Healthier incidence in animals.
- Improved waste management of solid waste in intensive animal husbandry.
- Reduced incidence of malodour in intensive animal husbandry.
- Improved soil conditioning pasture growth /enhanced slow release fertilizer affect.
- Reduced nutrient in effluent / liquid run off.

For further information on Castle Mountain Zeolites, please don't hesitate to contact your helpful Pursehouse Rural staff.

Mullaley Specials

Massive V Belt Sale

All Sections Available

Kwik-Gas
GET YOUR GAS...AND GO!

Bottle Exchange

Now available at Quirindi,
Gunnedah, Coonabarabran
and Mullaley

April Weather Summary

visit http://www.pursehouserural.com.au/services/weather_station.html

Location	Average Temp (°C)	High Temp (°C)	Low Temp (°C)	Number of Days < 0°C	Rain mm	Average Wind Speed Km/h	High Wind Speed Km/h	Dominant Wind Direction
Cattle Lane, Willow Tree	17.4	29.5	4.2	0	23.4	11.3	61.2	SSE
"Murlow", Quirindi	16.7	29.4	3.3	0	22.4	7.6	53.1	SSE
"Dow Site", Breeza	17.9	30.2	4.9	0	25.2	8.3	54.7	SSE