



# Genesis II Lucerne

Lucerne



350mm+



5.8–8.0



Deep well drained



AL or **AgriCote**

Growers who have for many years enjoyed the benefits of Genesis lucerne, will transition well into Genesis II. Selected from 68 parents within the New South Wales DPI lucerne breeding program through the Australian Lucerne Alliance collaboration, Genesis II provides growers with an improved variety that has resistance to phytophthora root rot, plus increased persistence over the trialling period. Genesis II has stable high yields and the required feed quality to satisfy both grazing and forage production markets.

### Key features

- Winter activity rating 7
- 3–5% improved herbage yield compared to Genesis
- Winter active variety resistant to major root diseases
- Demonstrates good resistance to major aphid groups

### Key benefits

- Well suited to hay and grazing production systems
- Excellent persistence with improvements over Genesis



## Agronomy and management

During the establishment period lucerne seedlings are very vulnerable and care must be taken not to overgraze as it can cause a severe reduction in plant density. Once established, rotational grazing is very important to help improve persistence of the crop. Ideally spell before cutting or grazing until 5–10% of stems commence flowering, or crown shoots are 1–2cm long on 50% of plants. Avoid cutting or grazing lower than 5cm and it is important to have the crop grazed within a certain time frame (ie 4–6 weeks), and then spelled to allow restoration of plant reserves. Regular set stocking at moderate to high stocking rates reduces persistence.

## Disease resistance/tolerance

Genesis II is resistant (R) to phytophthora root rot (*Phytophthora medicaginis*) and blue-green aphid (*Acyrtosiphon kondoi*).

## Pest resistance

Genesis II is highly resistant (HR) to Spotted alfalfa aphid (*Therioaphis trifolii*). As with other lucerne varieties, Genesis II is susceptible to damage from red legged earth mite (*Halotydeus destructor*) and control measures need to take place prior to seeding or soon after germination.



Grow with  
Confidence



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