



sowing the seeds of prosperity

Queensland 11™ Lucerne

Queensland 11™ (*Medicago sativa*) comes from Southedge Seeds' extensive international network of seed providers. This enables Queensland farmers to have access to the world's best lucerne genetics.

Checklist

- ✓ **Suited to highly productive perennial rotations**
- ✓ **Dormancy rating 10**
- ✓ **Superior winter herbage production and good regrowth after cutting or grazing**
- ✓ **Excellent seedling vigour and erect growth habit**
- ✓ **Excellent resistance to Blue-Green Aphid, Phytophthora Root Rot and Fusarium Wilt**
- ✓ **Highly palatable and digestible feed**
- ✓ **Valuable break crop**
- ✓ **Will persist for up to 3-4 years**

Environment

Queensland 11™ is well suited to subtropical growing conditions, either under irrigation or potentially in dryland situations where annual rainfall is greater than 500mm.

Soil Type

Lucerne prefers light-medium, deep, well drained soils with an ideal pH range of 5.5 - 8.0 (CaCl₂). It is advisable that soil tests be conducted prior to planting to gain a snapshot of your soil's health, in order to gain the maximum production from Queensland 11™. Your local agronomist will be best suited to advise on suitable fertiliser applications.

Inoculant

Apply Group AI Rhizobium to the seed prior to planting. Plant nodulation is extremely important for soils below pH 7.0 (CaCl₂). Inoculation is essential to ensure sufficient nodulation and to maximize nitrogen fixation.

Winter Activity

Queensland 11™ is rated a very high winter active type with a dormancy rating of 10. A well managed stand of Queensland 11™ should remain productive and provide high quality feed for 3 -4 years.

Grazing / Haymaking

During the establishment period lucerne seedlings are very

vulnerable and care must be taken not to over-graze as this can cause severe reduction in plant population. Once plants are fully established rotational grazing is critical to allow for persistency of the crop. Ideally the lucerne stand should be spelled before cutting or grazing until 10% of the stems commence flowering, or crown shoots are 1-2cm long on 50% of plants. Avoid cutting or grazing lower than 5cm, as this will lead to deterioration of the plant population.

Sowing Rate

When sowing to produce a pure dense stand, sow at minimum rates of 4-8kg/ha under dryland conditions and 20kg/ha under irrigation. When sowing into pastures or combined sowings, the rate used should be 50% of the recommended rates.

Optimum time for sowing is into moist soils during either the autumn or spring periods. Sow at a depth of 1-2cm into a moist seedbed free of broadleaf and grass weeds.



Can you afford not to be planting one of Queensland's latest high yielding irrigated lucerne varieties?

First Year Dry Matter Production Figures
QDPI Trials Gatton 06-07



agronomically modified pasture seeds

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