Jackaroo

PBR

FORAGE OATS

: Avena sativa



Quick Seed Facts

Sowing rate
- Dryland: 25-60kg/ha
- High rainfall/irrigation: 60-100kg/ha

Maturity
- Late

Suitability
- Grazing
- Hay
- Silage

Seed treatment
- None/XLR8® optional

Jackaroo is a new long-season forage oat variety offering improved crown rust resistance and excellent adaptation to early sowing. The warm-soil emergence trait promotes rapid establishment following early rainfall, while strong regrowth after grazing supports multiple grazing events and extended seasonal feed supply. Jackaroo's ability to recover quickly from grazing pressure allows producers to return stock to the paddock sooner and maximise forage utilisation.

FEATURES & BENEFITS

- **Leaf/crown rust resistance**
  Helps maintain both yield and feed quality throughout the growing season
- **Excellent recovery from grazing**
  Displays exceptional tillering & fast regrowth post grazing
- **Excellent warm soil emergence**
  Allows for earlier planting opportunities, providing feed sooner and extending the grazing season
- **Long season production**
  More feed, more often, reducing your spring feed gap

STRENGTHS

- Exceptional leaf/crown rust resistance
- Good drought tolerance once established
- Quick regrowth after grazing
- Long season production
- Suitable for grazing, hay and silage

LIMITATIONS

- Thicker tillers than Overland forage oats

WHERE IT GROWS

Rainfall: Jackaroo forage oats thrive in regions with annual rainfall of 250mm+, higher yields and production can be achieved on greater rainfall. Distribution of rainfall is more important than total rainfall.

Soils: Jackaroo is quite versatile and will grow on a wide range of soils. Avoid waterlogged soils, saline soils and highly acidic soils (below pH 5.0).

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AlfaGen® SEEDS

Jackaroo

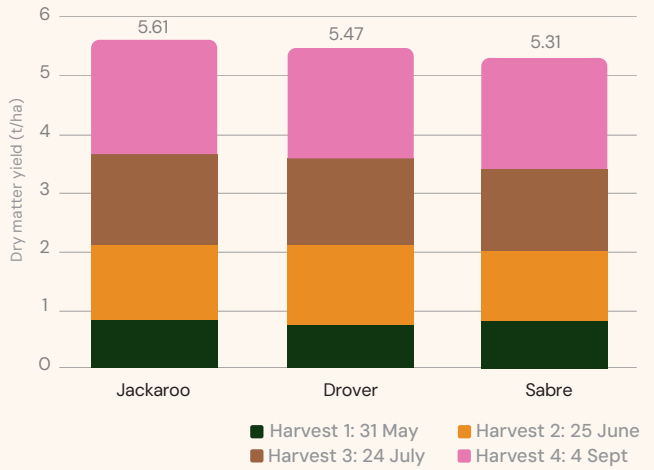
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Plant with confidence

DATA

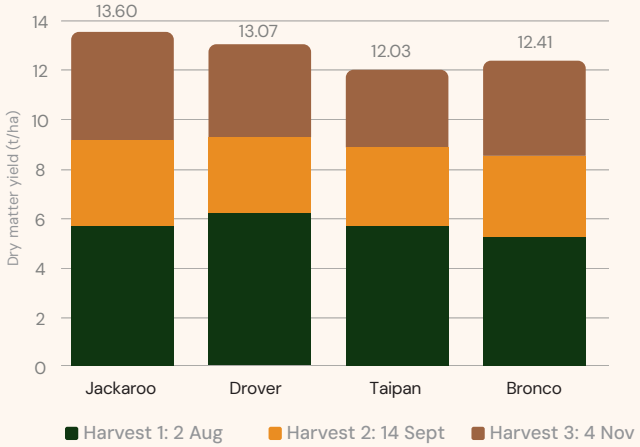
2024 Warwick forage oats cutting trial 1



Forage oats total dry matter yield across 4 cuts, Warwick, QLD. Sown 16 April 2024

Trial data provided by Palafor Partners

2021 Warwick forage oats cutting trial



Forage oats total dry matter yield across 3 cuts, Warwick, QLD.

Trial data provided by Palafor Partners

ESTABLISHMENT

Performance optimisation or limitations for your soil type can be discussed with your local agronomist.

Sowing time: Jackaroo has a warm soil emergence trait so can be planted earlier than many other forage oats. Ideal sowing time is late summer/early autumn. Can be sown later in early winter if targeting hay production. Jackaroo forage oats may be slow to establish if soil temperatures drop below 12°C.

Sowing depth: Jackaroo has a versatile sowing depth due to seed size, 25-50mm is ideal. Depths beyond this may reduce vigour and effect emergence percentage. Good seed to soil contact is required.

COMPANION SPECIES

- Winter legumes
- Pasture grasses
- Clover & pasture legumes
- Forage herbs & brassica

MANAGEMENT

Maintenance fertiliser: Maintenance fertiliser needs to be applied, as a rule of thumb 35-70kg/ha of nitrogen is required to maximise yield and quality in forage oats. Based on a soil test, nitrogen, potassium, phosphorus, calcium and sulphur levels need to be maintained for optimum dry matter production. Performance optimisation or limitations for your soil type can be discussed with your local agronomist.

Grazing/cutting: Jackaroo forage oats has a high carrying capacity potential through winter and spring. For most livestock enterprises, the best balance of feed quality and yield is obtained when oats are grazed from about 20-30cm plant height for first grazing. Subsequent grazing should occur at a similar height, and grazing pressure should be kept on early planted crops to ensure stems do not become reproductive.

If targeting hay production, booting to early head emergence stage is generally the best compromise between quality and yield. Earlier cutting gives higher protein and digestibility but lower hay yield. Later cutting increases yield but reduces feed quality as fibre rises and protein falls.

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MANAGEMENT CONTINUED...

Major pests: Cereal cyst nematode, stem nematode, redlegged earth mite, snails, cereal aphids (BYDV transmission), cutworms, webworm, lucerne flea, armyworm, *Bryobia* mite, wingless grasshoppers and Australian plague locust.

Major diseases: While Jackaroo forage oats is resistant to crown/leaf rust, other diseases may be an issue, including stem rust, Septoria blotch, bacterial blight, Barley yellow dwarf virus (BYDV), halo blight, stripe blight and powdery mildew.

Herbicide susceptibility: Herbicides for post emergence and pre-emergence of broadleaf and grass control are available. Consult your local agronomist for herbicide options. Always check label before herbicide use. Best sown into weed-free paddocks.

ANIMAL PRODUCTION

Feeding value: During vegetative growth before stem elongation forage oats is readily digestible (65-85%), with a crude protein ranging between 12-18% and a metabolisable energy of 9-12/kg of dry matter. With maturity, fibre increases and protein and digestibility decline.

Palatability: Highly palatable.

Livestock disorders/toxicity: Nitrate poisoning is a risk in oats, especially after drought, frost, cloudy weather, heavy nitrogen fertiliser use, or rapid growth following rain. Lush fast-growing oats can also be high in potassium and low in magnesium, this can cause grass tetany. Less common in pure oats than in legume-heavy pastures, but cattle on lush, highly digestible oat feed can still experience bloat, especially when introduced hungry. Make sure all vaccinations are up to date as oats can also increase risk of pulpy kidney.

Always consult an animals health professional if you have any symptoms or concerns.



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