

WIZARD FORAGE OAT



400mm +



4.5-8.0



Most Soil Types



PBR

KEY FEATURES

- Sets new benchmark for yield in forage oats, 9% over current market leading varieties Aladdin and Genie, 15% over Drover and Taipan
- Good early growth similar to Genie and better than Aladdin
- Excellent recovery from grazing and cutting
- Currently resistant to most Australian pathotypes of leaf rust
- Medium maturity.

ADVANTAGES

- Strong competition against weeds early
- More feed for longer periods, both early and through winter
- Bred, trialled and selected in QLD and Northern NSW for performance and local adaptation.

BENEFITS

- Improved return on investment compared to other varieties
- Fast to first graze
- Huge forage yield benefit. More feed all season = greater animal production.

DESCRIPTION

Wizard forage oats is the latest release from the leading forage development partnership between The Queensland Department of Agriculture and Heritage Seeds. Wizard presents significant improvement in yield over other forage oats in the market whilst retaining leaf rust resistance. Wizard has an erect early growth habit, medium plant height, high tillering and fine leaves and stems. Speed to initial grazing is quick, similar to Genie and quicker than Aladdin.

With normal planting time (March – April), Wizard has medium maturity being 5-7 days earlier to anthesis than Genie but 5-7 days later than Volta.

Stem and leaf thickness of Wizard is slightly finer than Genie. It also tends to be higher in tillering and have better recovery from cutting and grazing than Genie.

Wizard will provide growers with a new high yielding, leaf rust resistant, medium / late maturity with excellent recovery in the winter months.



Plant Characteristic Comparison				
Variety	Leaf Rust Resistance	Early Growth Habit	Speed to Initial Grazing	Maturity
Wizard	R*	Erect	Quick	Medium
Aladdin	S	Semi-erect	Intermediate	Late
Genie	S	Erect	Quick	Medium-late
Volta	S	Semi-erect	Intermediate	Quick-medium
Algerian	S	Semi-prostrate	Intermediate	Medium-late
Drover	MS	Semi-prostrate	Intermediate	Medium-late
Nugene	S	Erect	Quick	Late
Taipan	S	Semi-erect	Quick	Late
Moola	S	Erect	Quick	Late

**There are reports of a new pathotype of leaf rust that infects Wizard. In the absence of this pathotype, Wizard will appear resistant.*

VARIETY MANAGEMENT / AGRONOMY

Wizard is suitable for grazing, hay and silage production in all areas of central and southern Queensland, as well as northern New South Wales. Grazing trials indicate that Wizard is readily accepted by cattle, with no apparent differences in palatability or fresh weight intake compared with current forage oat varieties.

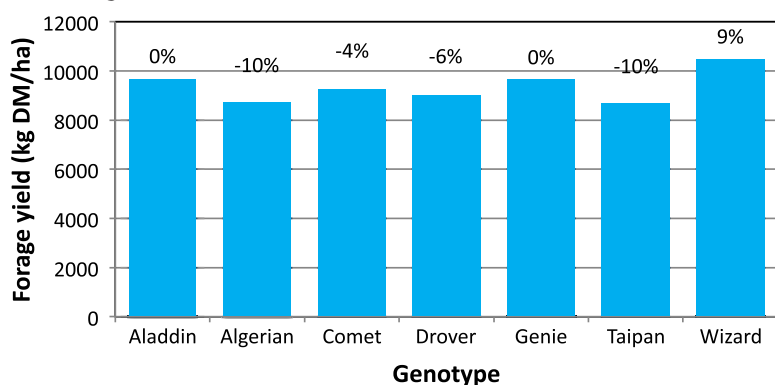
SOWING RATE

Normal planting time March - April

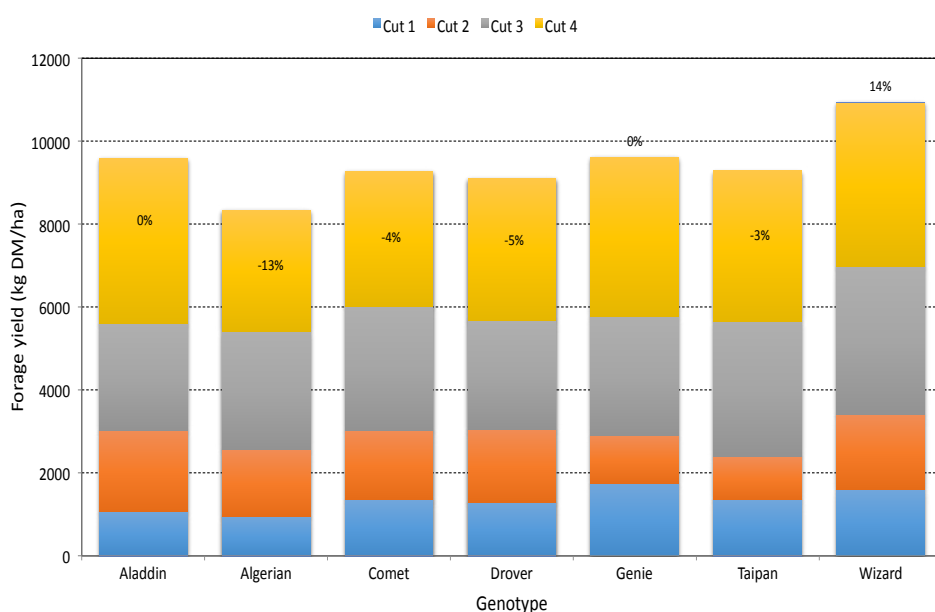
Application	Dryland	Irrigation
Temperate Sowing Rate (kg/ha)	40-60	80-100
Sub Tropical Sowing Rate (kg/ha)	30-60	80-100

PERFORMANCE

Total Forage Yield Data All Queensland Sites 2012-15 (% of Genie)



Wellcamp Early 2015 Trial (% of Genie)



All of performance data is from the work of the breeder Bruce Winter – Senior Plant Breeder (Forage Oats) Crop and Food Science DAF.



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