

HYBRID ATTRIBUTES

Key features

- Erect plant with exceptionally quick early growth and high dry matter yields
- Establishes in warmer soils (up to 29°C) more readily than most varieties
- Good drought tolerance
- Produces large quantities of autumn and early winter feed
- Ideal for grazing
- It will maintain vegetative growth well into late spring

Background

Taipan was released under PBR in 2001. It was selected because of its exceptionally quick germination and establishment and its ability to hang on in tough growing conditions.

Plant type

Taipan is an erect oat providing quick, early growth. Under favourable growing conditions it can be grazed early in the season.

Rust resistance

Taipan has an extended growing period and has been extensively planted over wide areas of Australia's farming country. Because of this long exposure to the ever changing races of rust it is now susceptible to one race of leaf rust.

Pacific Seeds has currently rated Taipan as (S). (S) varieties are currently regarded as susceptible to leaf rust with isolated reports of the disease in some commercial plantings last season.

Good grazing and/or cutting management can further restrict the impact of leaf rust infection. Wider row spacings of at least 45cm will also minimise the effects of rust.

In Pacific Seeds' trials, row spacings as wide as 76cm have assisted in minimising leaf rust on susceptible varieties without any decrease in dry matter production. In areas where weeds are not a problem, or can be controlled, a wider row spacing is worth trying.

Grazing management

Taipan is ideally suited to cattle, particularly in a continuous grazing situation. For best results in a rotational grazing system it should not be grazed below the growing point located just above the highest node. Heavy grazing will result in poor regrowth. However, frequent grazing will help crop performance and minimise leaf rust development.

Soil temperature requirement

A major factor affecting the successful germination and establishment of oats is soil temperature. With early autumn sowing, warm soil may prevent seed from germinating. Laboratory tests and field experience have shown effective germination and establishment with maximum soil temperatures up to 29°C.

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Taipan

STRIKES FAST AND HANGS ON

Good drought tolerance

Taipan has demonstrated an ability to continue growing even in adverse conditions. It can handle hot dry conditions better than many other varieties, maintaining green palatable feed well into late spring.

Planting rates

CQ & Western Qld		25-40 kg/ha
Southern Qld		25-50 kg/ha
N & C NSW		25-50 kg/ha
S NSW & Vic	dryland	55-100 kg/ha
	irrigated	50-100 kg/ha
Tasmania		100 kg/ha

Time to initial heading from early planting	Quick
Plant Type	Erect
Leaf rust reaction	Susceptible
Time to first grazing	Fast
Don't graze below	10 - 15cm
Early winter feed	*****
Winter Feed	***
Spring Feed	****
Grazing - Cattle	Very Good
- Sheep	Good
- Horses	Very Good