



**a dual purpose feed grain oat with excellent early fodder production and grain recovery after grazing**

- **suited to early sowing**
- **good early fodder production**
- **low lignin grain**
- **winter growth habit with good straw strength**
- **excellent grain yield recovery after grazing**

## **Adaptation**

Yiddah<sup>®</sup> is suited to the slopes and plains of NSW. It has a winter growth habit but reaches maturity earlier than Mannus<sup>®</sup> and Eurabbie, similar to Yarran.

Yiddah<sup>®</sup> is recommended for sowing between mid-March and late April, and can be sown earlier than Yarran.

Compared to Yarran, Yiddah<sup>®</sup> produces more early fodder, with equivalent grain recovery on the tablelands, and better grain recovery on the slopes and plains after grazing.

Yiddah<sup>®</sup> has better straw strength, rust resistance and BYDV tolerance than Yarran. It has good physical grain quality.

## **Breeding**

Yiddah<sup>®</sup> (MA5107) was bred by NSW Department of Primary Industries, Temora with support from GRDC.

It's pedigree is OKR82-238/Cooba/Yarran/3/Mortlock.

## **Disease status**

Yiddah<sup>®</sup> has effective field resistance to stem rust and some field resistance to leaf rust. It has moderately high tolerance of Barley Yellow Dwarf Virus (BYDV).

## **Management**

To maximise grazing and grain recovery from Yiddah<sup>®</sup>:

- sow from mid-March through to late-April
- sow at higher sowing rate than grain only oats
- introduce stock when plants have reached ground cover and are well anchored
- avoid extended grazing through cold, wet conditions as this will inhibit grain recovery
- remove stock when head formation is detected (Check for this by vertically slicing the main shoot to determine the location of the emerging head)
- avoid over-grazing and/or late grazing to maximise grain yield recovery
- in drier areas and on lower fertility paddocks, stock should be removed earlier than in long season, high fertility situations to allow for maximum grain recovery

## **Performance • dry matter production**

Yiddah<sup>®</sup> produces excellent early dry matter on the slopes and the plains.

## Varietal characteristics

Cultivar	Early dry matter production	Grain recovery after grazing	Straw strength after grazing	Grain maturity	Test weight	Grain husk lignin	Rust (leaf and stem)	BYDV
Yiddah <sup>Ⓛ</sup>	slow	excellent	good	early	high	low	MR	MT
Blackbutt	slow	excellent	good	late	low-medium	medium	S	MT
Bimbil	medium	excellent	good	early-mid	high	low	S	MS
Eurabbie	quick	excellent	very good	late	low-medium	low	S	VS
Mannus <sup>Ⓛ</sup>	medium	excellent	good	mid	high	low	MS	MS
Yarran	medium	moderate	good	early	high	low	S	VS

Disease resistance: VS=very susceptible; S=susceptible; MS=moderately susceptible; MR=moderately resistant; R=resistant; MT=moderately tolerant

## Performance • yield recovery after grazing

Yiddah<sup>Ⓛ</sup> recovers well after grazing producing high yields, particularly in the shorter season plains environments.

## Performance • grain quality

Yiddah<sup>Ⓛ</sup> produces a high quality feed grain characterised by:

- low lignin husk, highly digestible to improve liveweight gains in ruminants
- high grain protein
- low fat content
- large grain size
- very high test weight

## Dry matter and grain recovery (% Eurabbie) Tablelands/slopes (1999–2005)

Cultivar	1st Grazing	2nd Grazing	Grain recovery
Eurabbie	2.15 t/ha	2.66 t/ha	3.20 t/ha
Yiddah <sup>Ⓛ</sup>	93	98	83
Bimbil	92	93	87
Mannus <sup>Ⓛ</sup>	87	96	101

## Dry matter and grain recovery (% Eurabbie) Slopes/plains (1999–2005)

Cultivar	1st Grazing	2nd Grazing	Grain recovery
Eurabbie	2.15 t/ha	2.10 t/ha	3.20 t/ha
Yiddah <sup>Ⓛ</sup>	93	98	84
Bimbil	91	91	86
Mannus <sup>Ⓛ</sup>	86	95	94

**For seed supply and further information please contact your local Waratah Seed Company Ltd. member.**



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