



# Robbos Fodder beet

Crop

Stock Type

Dairy, Sheep, Beef, Deer

Robbos is an excellent, consistent performer with more leaf protein for a better balanced diet, coupled with consistent high DM yield.

## Higher leaf protein

As fodder beet is so high in carbohydrate, Robbos' higher leaf protein, due to its excellent leaf quality, provides a better-balanced diet for animals.

Alternatively, this could be turned into a cost saving of around \$1125/ha\* by using a less expensive supplement when grazing Robbos crops.

Robbos leaf tested at 24.5% protein at the start of winter, versus *Feldherr*, *Brigadier*, *Monro* and *SF1505Bv* which averaged 21%.



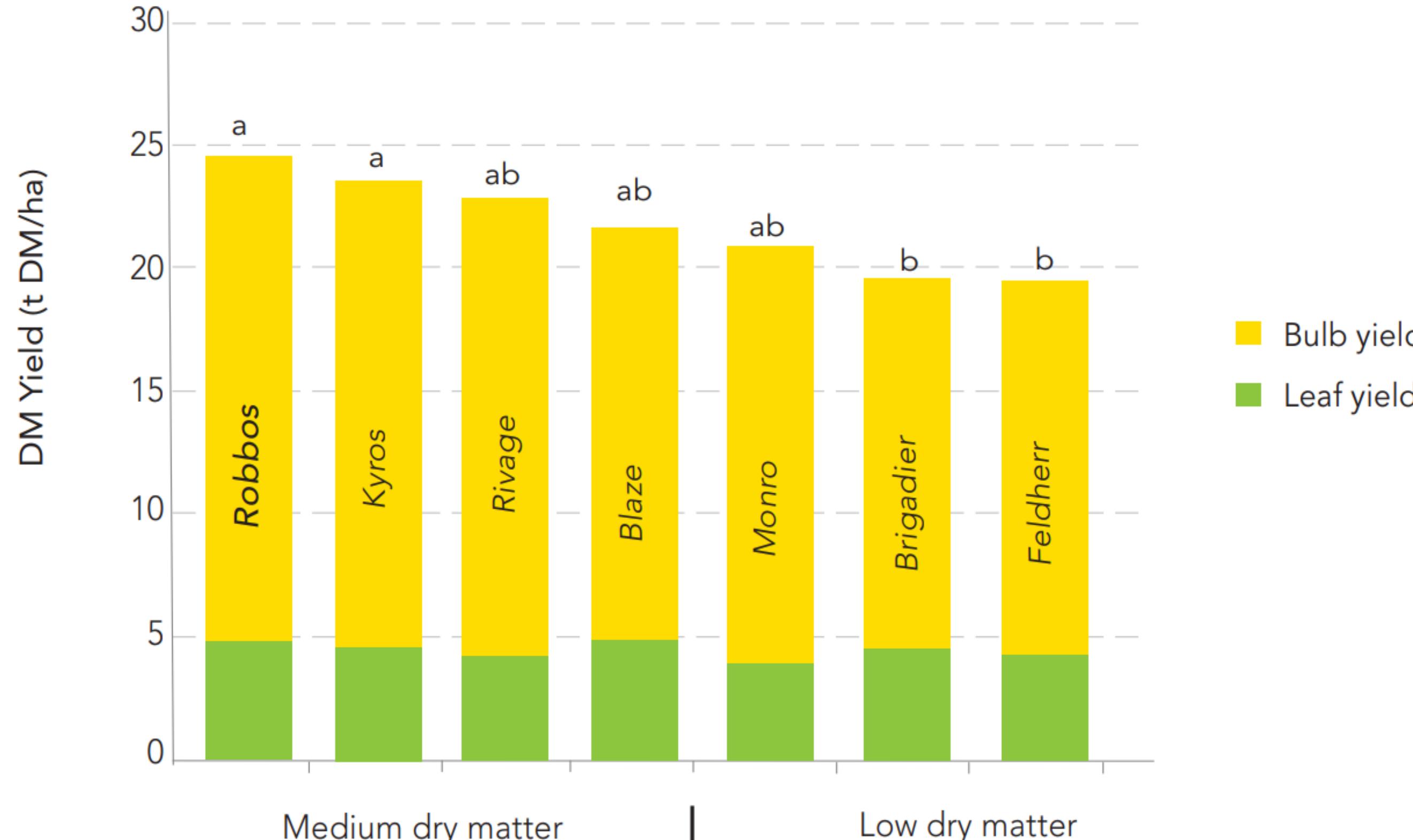
Robbos (middle 3 rows) showing excellent leaf holding ability versus Kyros (left) and Enermax (right) in Canterbury trial.

(\*Based on feeding 7.5 t DM/ha (3 kg DM/cow/day) good silage with 17% crude protein @ \$0.40/kg DM, versus good hay with 15% crude protein @ \$0.25/kg DM. We recommend feed testing crops & supplement before setting diet.)

# Very high DM yield

Of the grazing types, medium DM beets provide significantly more yield and stock carrying capacity than low DM beets. Among the medium DM cultivars *Robbos* has shown consistently high DM yield.

## Fodder beet DM yields - medium and low dry matter (DM) cultivars



\*Combined analysis of 5 trials from 2014-2017, varieties in two or more trials are presented. Cultivars with the same statistical significance letter are not significantly different at the LSD 5% level.

## Palatable

*Robbos* has relatively soft orange-yellow bulbs, which suit grazing by all stock types. Its high leaf quality can also help with transitioning animals onto beet.



## Above ground %

Robbos bulbs typically sit 45-50% out of the ground, and their good palatability make them easy to graze. The high proportion of above ground DM ensures less soil ingestion and very high utilisation.

### Bulb above ground %\*

Cultivar	% of bulb above ground	
Brigadier	53	a
Rivage	47	b
Blaze	46	bc
Robbos	45	bc
Kyros	44	bc
Enermax	41	c
Trial mean	44	
LSD (5%)	5.2	

\*From 3 trials in Canterbury from 2008/09 to 2014/15. Cultivars were in at least two trials. Cultivars with the same statistical significance letter are not significantly different at the LSD 5% level.

## Using Robbos

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Dairy Precision sown						Extend lactation, start winter transition			Winter Feed		Supplement spring pasture
Sheep, beef & deer Precision sown							High ME feed for liveweight gain or maintenance from autumn to spring				

Feeding method: Multi-use. Typically grazed (can be lifted)

Typcial yield: 18-24 t DM/ha average; > 25 t DM/ha with summer moisture\*

Typcial ME: 12-13 MJ/ME

Sowing rate: 90,000-100,000 seeds/ha

## Robbos seed

Based on feedback, Robbos seed coating no longer has insecticide and comes in 90,000 seed boxes.