



Redefine Cocksfoot

Pasture Grasses

Stock Type Dairy, Sheep, Beef, Deer

The ultimate mixer! Makes friends wherever it grows.

Well-behaved

Redefine is the cocksfoot every pasture wants. Polite, controlled and co-operative, it plays nicely with other species instead of taking over.

Who should sow it?

Anyone who wants the benefits of a cocksfoot without the clumpy, aggressive behaviour and clover suppression associated with older varieties.

Redefine adds diversity and climatic resilience to pastures in summer-dry regions. It is tougher than ryegrass with more summer growth.

Even finer

Since *Kara* was released in 1980, we have made great progress developing finer, more tillered cocksfoot cultivars. *Redefine* is a big step forward. At over 5000 tillers/m², you can clearly see the difference between it and other cocksfoots.

Progress of cocksfoot tiller density*

	<i>Kara</i>	<i>Ella</i>	<i>Greenly II</i>	<i>Safin</i>	<i>Redefine</i>
Tillers/m ²	2381	2981	3335	4241	5095
(versus Kara = 100%)	100%	125%	140%	178%	214%

* Results from 2 grazing trials at Courtenay Canterbury. LSD (5%) = 707 tillers/m².

Good against grass grub

Once established cocksfoot has good tolerance of all pests. Notably, it is much more tolerant of grass grub than ryegrass.

See green

Redefine lives better with clovers, meaning there's more available nitrogen, so it's nicer to eat.

This is key, because when cocksfoot is low in crude protein (look for yellow leaves), palatability and animal performance is poor.



Old cocksfoot can become low in crude protein and less palatable.



Redefine is about making friends with legumes, so it's nicer to eat.

Great teammates

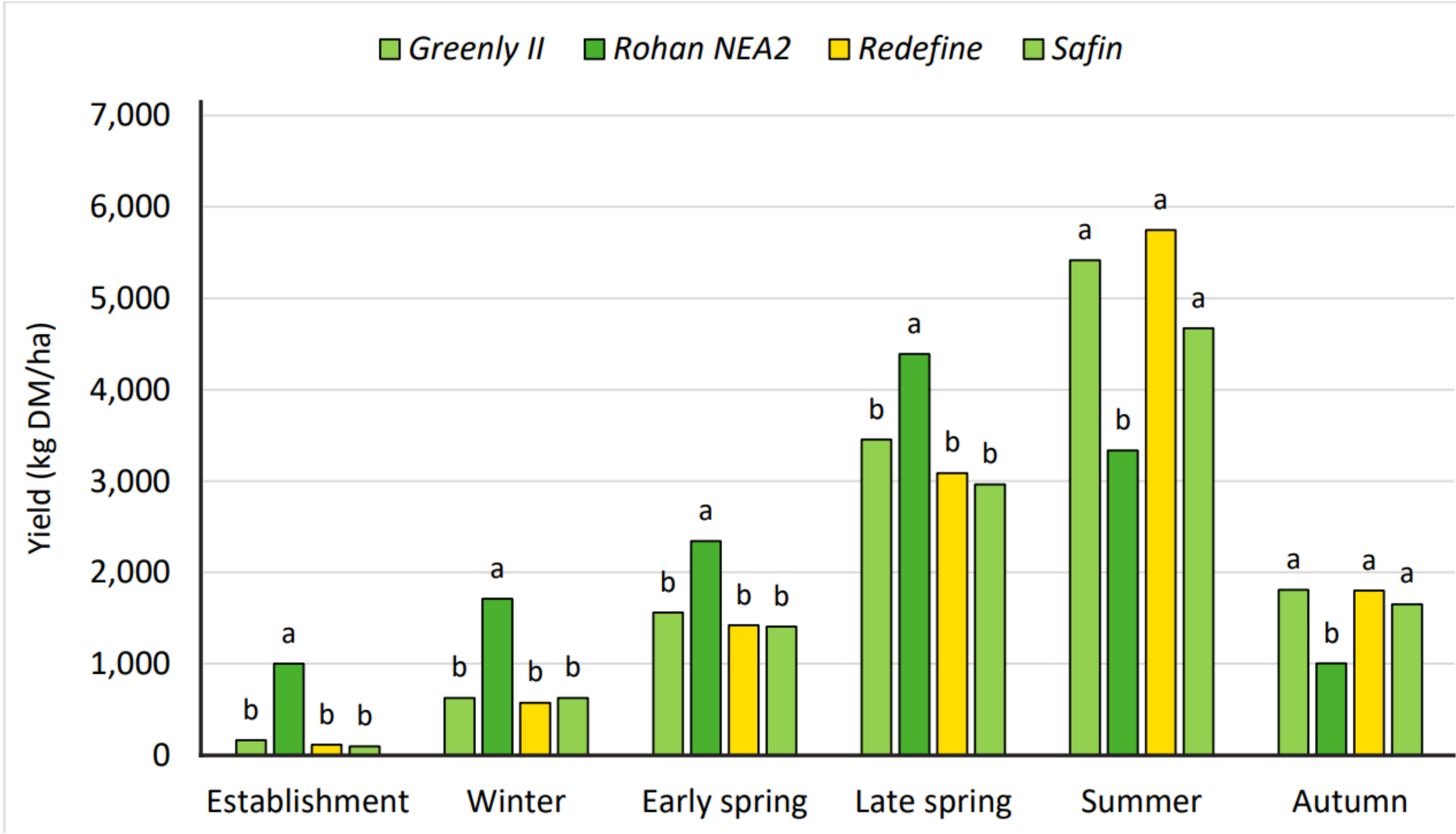
Redefine and ryegrass are ideal partners, giving more reliable pasture establishment than sowing cocksfoot as the sole grass. *Redefine* sown with ryegrass will be faster to grazing, with fewer weed issues, and will provide more feed over the first year.

Redefine will come through in the summer, and sowing rates can be adjusted to get the pasture balance you want (see below).

Value vs ryegrass

This is demonstrated by the establishment year of a dryland trial comparing cocksfoot with *Rohan* perennial ryegrass. *Rohan* established much faster, providing valuable feed through to late spring. But once the dry summer hit, the deep-rooting *Redefine* outperformed the ryegrass.

Comparative seasonal yield over first year of dryland trial



* Statistical significance lettering is provided above bars of graph at the LSD 5% level. Yields with the same letter are not significantly different.

Sowing Redefine

Want some contribution from <i>Refine</i> through a pasture?	Want a strong <i>Refine</i> contribution to a pasture?	For a cocksfoot-based pasture.
<i>Redefine</i> 3 kg/ha in pasture mix with ryegrass, white clover etc.	<i>Redefine</i> 6 kg/ha in pasture mix with ryegrass, clover etc.	<i>Redefine</i> 8-10 kg/ha with white & sub clovers etc.



Redefine strengthens pasture.

Redefine cocksfoot is owned & marketed by Barenbrug, & protected under the NZ Plant Variety Rights Act