

Rival - A summer success story

- Early maturing summer turnip with excellent leaf production and leaf holding
- Tankard bulb with high proportion above ground
- Bred for improved turnip mosaic virus tolerance

Rival summer turnip is an early-maturing tankard bulb shaped turnip bred for high leaf production. **Rival** is ideally used as part of a pasture renovation programme within dairy farms that typically have a period of dry weather or a loss of pasture quality through January and February. **Rival** summer turnips provide increased volumes of high ME and high protein feed. Growing a **Rival** crop during times when ME and protein are low in pastures provides the opportunity to maintain or improve pasture cover on farms that may be growing slower than desired due to dry or hot conditions during summer.

Summer turnips should never make up more than 5kgs or one third of a lactating cow's diet.



Ceres

Rival

Turnip

Darryl Jensen

Te Puke, Bay of Plenty

"**Rival** is a turnip that has a good bulb to leaf ratio. It grows a very good bulb and there seems to be more leaf on it than other varieties".

Darryl says the **Rival** summer turnip is a hardy crop. "With other turnip plants I have used they can get bulb rot, especially if it was a very wet summer. It's not as prevalent with the **Rival** summer turnip".



To find out how Rival turnips can maximise production on your farm, contact 0800 183 358, visit www.agricom.co.nz or visit your local seed merchant.

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These trials were run through the start of the 2007/2008 drought. Although yields were influenced by drought, the yields present at the end of January provided substantial feed reserves through February and March 2008.



Table 1. Plant Density at Harvest and the Yield Components and Total Yield (kg DM/ha) of Summer Turnips Sown in Kihikihi - Waikato on the 7th November 2007 and Harvested on the 29th January 2008, 83 Days After Sowing				
Names	Plants/m ²	Leaf Yield kg DM/ha	Bulb Yield kg DM/ha	Total Yield kg DM/ha
Rival	61	6351	3490	9841
Barkant	43	5902	3577	9479
Dynamo	57	4307	4788	9095
Marco	45	4206	4768	8974
Emax	43	4121	4530	8652
Mean	50	4978	4231	9208
LSD	14	1734	1299	2234



An example of the affect of the 2008 Waikato drought on pasture (February).



Rival turnips use spring moisture to provide valuable feed in February and March.

Suggested Sowing Time	Suggested Sowing Rate Alone (kg/ha)	Time to First Grazing	Number of Potential Grazings	Total Yield kg DM/ha
Late October to early November	Varies depending on quality of preparation – range 1.5-3	12-14 weeks	1	Average = 8-12 Top = 14+

The role of summer turnips is to supply quality feed at a time when ryegrass may typically struggle to provide feed capable of maximising animal performance.

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