

Agrinote



Pastures for Profit.®



Background

Rival summer turnip is an early-maturing tankard-shaped bulb turnip bred for high leaf production. **Rival** is ideally used as part of a pasture renovation program on dairy farms that have a period of dry and/or a loss of pasture quality through January and February. **Rival** summer turnip provides high volumes of high energy, high protein and low fibre forage at a time of year when fibre content of pastures are increasing, and energy and protein are decreasing.

Growing a crop at these times provides the opportunity to maintain or improve pasture cover on farms that may be growing slower than desirable due to summer-dry or hot conditions.

Summer turnip should never make up more the 5 kg, or one third of a cow's diet.

Characteristics

Suggested Sowing Time	Suggested Sowing Rate alone (kg/ha)	Time to first grazing	Number of potential grazings	Potential yield
Late October – early November	Varies depending on standard of preparation - Range 1.5-3 kg/ha	12 – 14 wks	1	Average = 8-12 t/ha Top = 14+ t/ha

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Key Features

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

Performance

Table 1. Plant Density at Harvest and the Yield Components and Total Yield (kgDM/ha), of Summer Turnips Sown in Taranaki on the 3rd November and Harvested on the 18th February, 107 Days after Sowing

Cultivar	Plant Count per/m ²	Leaf Yield kgDM/ha	Bulb Yield kgDM/ha	Total Yield kgDM/ha
Rival (3)	29	6960 a	5238 b	12197
Barkant (3)	25	5775 a	5971 ab	11746
New York (2)	22	4043 b	7736 a	11779
LSD (5%)	12	1692	2047	3251