

T100

WiNter⁷ Max T100

winter active triticale

T100 triticale is a new autumn/winter sown single harvest forage option. T100 portrays excellent early establishment vigour and has the ability to rapidly accumulate dry matter over the winter period. T100 offers a highly nutritious early spring forage supplement by retaining green leaf throughout the cooler months.

Agronomic Information

- Excellent early establishment vigour.
- Winter active – Unsurpassed winter dry matter production when compared to other forage cereals.
- Erect growth habit.
- Excellent tolerance to current NZ stripe rust strains.
- Good lodging tolerance aided by its shorter stature and strong straw strength.
- Large reduced-awned seed head with large sized grain.
- Early to head but slow to mature.
- Maintains green leaf during colder months.

| Stripe Rust Resistance Rating | |
|-------------------------------|---|
| Variety | (9 Highly Resistant - 1 Highly Susceptible) |
| T100* | 9 |
| Doubletake | 3 |

** Excellent stripe rust resistance at both seedling/juvenile and adult growth phases.*

Nitrogen uptake

The winter active growth habit of T100 presents an opportunity to utilise this characteristic as a tool in mitigating Nitrate leaching via plant uptake. Results presented in Table 2 below show that T100 was the only forage variety where Kg/ Ha Nitrogen removed at the final harvest exceeded the total Nitrogen (Mineral N + applied N).

| Variety | 0-60cm Soil MinN Pre (Kg/Ha) | N applied (Kg/Ha) | Total Soil N (Kg/Ha) | 0-60cm Soil MinN Post (Kg/Ha) | N Harvested (Kg/Ha) |
|----------------------|------------------------------|-------------------|----------------------|-------------------------------|---------------------|
| T100 | 57.6 | 40 | 97.6 | 14.4 | 100.3 |
| Doubletake Triticale | 57.6 | 40 | 97.6 | 10.8 | 81.4 |
| Milton Oat | 57.6 | 40 | 97.6 | 14.4 | 79.0 |
| Torch Feed Wheat | 57.6 | 40 | 97.6 | 14.4 | 65.0 |
| Hogan Ryegrass | 57.6 | 40 | 97.6 | 10.8 | 55.3 |

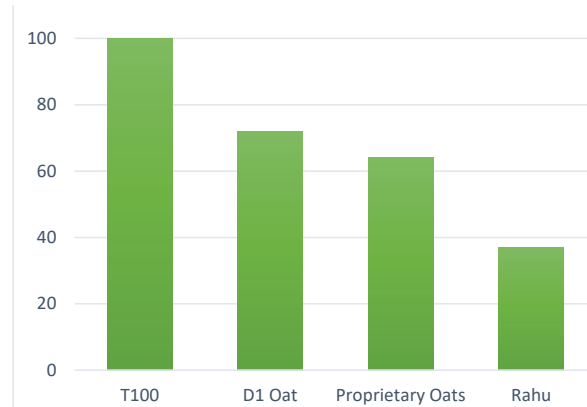
Nitrogen uptake (Kg/Ha) of five autumn sown forage varieties sown at Chertsey, Canterbury, on the 6th May 2015, (168 Days after Planting). NB: It is recommended that due to the high Nitrogen content of T100 precautions to reduce the risk of nitrate poisoning and bloat be adhered to.



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Dry Matter Production

(% T100) from an autumn sown forage trial at White Rock North Canterbury harvested 161 DAP. T100 yield = 4075 kg/ha, LSD 5% = 636 kg, CV% = 14.3



Mayfield 20th July
T100 left, Rahu ryecorn right



Mayfield 12th September.
T100 left, Rahu ryecorn right

Sowing Details

T100 has an optimum sowing window between March and early June but can be drilled in early July through to August given its facultative nature.

Sowing rate : 140-160 Kg/Ha

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