

“Strong later-holding summer turnip”

- Medium-maturity turnip at approximately 16 weeks
- Excellent yield potential with an improved leaf-to-bulb ratio
- Bred for improved turnip mosaic virus tolerance
- Full-leaved variety (not segmented)

Background

New York is a modern version of a traditional late-autumn and early-winter feed turnip. It has also performed very well as a spring-sown medium to late-maturity summer turnip, and fits very well in conjunction with **Rival**, where the early-grazed **Rival** makes up two thirds of the area and **New York** provides the last third of the area to be grazed.

When used as a winter feed crop, bulb development as in all late summer-sown turnips is heavily influenced by how early the crop is sown and how much space each plant has to develop significant bulbs. **New York** is often mixed with Italian or annual ryegrass, where the increased competition often limits final bulb size. In these circumstances the extra leaf production becomes invaluable at that time of the year.

New York has been tested as a later-holding summer turnip where it has performed strongly. As a summer turnip option, **New York** should never make up more than 5 kg, or one third of a cow's diet.

Production Data

Table 1. North Island Turnip Dry Matter Production Trial, Cambridge 2001, sown 23/10/01, Miroa ash soil.

| Cultivar | Leaf | | Bulb | | Total at 95 Days | |
|-----------------|---------|-----|---------|-----|------------------|-----|
| | kgDM/ha | Rel | kgDM/ha | Rel | kgDM/ha | Rel |
| New York | 4692 | 114 | 2018 | 119 | 6710 | 116 |
| Barkant | 4389 | 107 | 1860 | 109 | 6249 | 108 |
| Rival | 4588 | 112 | 1514 | 89 | 6102 | 105 |
| Barabas | 2737 | 67 | 1410 | 83 | 4147 | 71 |
| Mean | 4102 | 100 | 1700 | 100 | 5802 | 100 |

Table 2. 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/m2 | 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 |