



Background

Emerald is a large-leaved, high producing white clover ideally suited to high yielding grass pastures, including dairy and beef. **Emerald** has strong early-season growth, high stolon density relative to leaf size, improved clover root weevil tolerance and drought recovery.

Emerald was bred by AgResearch in Victoria, Australia. Clover lines from New Zealand and Australia, and ecotypes from Europe and the Mediterranean region were screened at Hamilton, Victoria (wet winters and hot/dry summers). Forty-five genotypes were selected based on their persistence and herbage yield and polycrossed to produce forty-five half-sib families. These families were evaluated for two years and twenty-five were selected for large leaf size, and absence of foliar disease at Lincoln. Fifteen families were recombined to produce nucleus seed. Breeding within the Australian environment has given **Emerald** excellent tolerance to heat and moisture stress. As a result of this, **Emerald** has shown excellent results in all New Zealand environments.

Characteristics

| Perenniality | Leaf Size | Stolon Density | Suggested Sowing Rate (kg/ha) | 1000 Seed Weight |
|--------------|-----------|----------------|-------------------------------|------------------|
| Perennial | Large | High | Mixed sward 4-6 | 0.71 gram |

Agrinote



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Key Features

- ✓ Large leaf size
- ✓ High production
- ✓ Tolerance to clover root weevil
- ✓ Strong autumn and early spring growth
- ✓ High stolon density
- ✓ Good persistence

Uses

Emerald should be used as the main clover in dairy pasture mixes. It can also be used in beef pastures, either on its own or mixed with a medium-leaved cultivar (eg Grasslands **Tribute**). **Emerald** can also be used in intensive sheep pastures where rotational grazing is practiced.