

# White Clover ALTITUDE



Sowing Rate: 2-5kg/ha (Pure) 0.5-2kg/ha (mixed)

## Key Features

- Winter active, moderately frost tolerant and cold tolerant
- Medium leaved with semi erect to erect growth habit
- Very high stolon density
- Excellent persistence and productivity under grazing – unlike other medium leaved White Clovers
- Selected for superior herbage production

## Description

Altitude (*Trifolium repens*) is a winter active, medium leaved, moderately frost tolerant, perennial White Clover. It provides good quantities of high protein, palatable forage acceptable to all classes of stock. Altitude was derived from several elite lines with selection based on superior herbage production, persistence and resistance to pests and diseases. Altitude has a semi erect to erect growth habit, very high stolon density and will provide large quantities of high quality feed for stock throughout the year. Unlike most other medium leaved White Clovers, Altitude demonstrates excellent persistence and productivity under grazing. This makes Altitude better suited to long term grazing rotations, particularly under sheep. It can be grown well in combination with various temperate grasses, which will assist in providing a balanced diet. Altitude will also provide excellent levels of soil nitrogen into the soil profile along with providing an effective disease break.

## Disease Resistance/Tolerance

Altitude, as with many White Clovers, is susceptible to a wide range of diseases that include Alfalfa Mosaic Virus (*Alfamovirus spp.*), White Clover Mosaic Virus (*Potexvirus spp.*) and several Root Rots caused by various fungal pathogens.

## Pest Resistance

Altitude is susceptible to Red Legged Earth Mites (*Halotydeus destructor*) and control measures will be required either prior to or soon after germination. Other insects that need to be monitored carefully include Pea Aphids (*Acyrtosiphon pisum*), Blue Oat Mites (*Penthaleus major*) and Cut Worms (*Agrotis munda*).

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## Variety Management/Agronomy

**Grazing:** As the seedling size of Altitude White Clover is small, seedling vigour will not be overly strong until plants have developed their root systems. Once established, stands can be grazed more heavily and continuously while growth is active during the winter, spring and early summer period. Plants should be grazed once they reach 15-20 cm tall, but should not be grazed down any harder than 5 cm tall. Altitude demonstrates excellent grazing tolerance due to its high stolon density.

