



Seed Genetics

## SuperHaifa White Clover

### Origin and Breeding

'SuperHaifa' was developed and bred by Seed Genetics Australia from the Australian variety 'Haifa' which has been widely grown throughout the world for many years.

Selections were made from three cycles of recurrent mass selection. In each generation clones were selected on the basis of vigour, yield, superior autumn winter and spring growth, large dark green leaves but with some leaf markings so as to distinguish it from Haifa's predominance of leaf markings, early and vigorous flowering and high forage and seed yield. Emphasis was also placed on freedom from symptoms of virus diseases and strong recovery from cutting, grazing and moisture stress. In one nursery there may have been some cross-pollination from a reference variety, 'Waverley', which is also strongly winter active.

The aim in the breeding program was to improve the productivity of a broadly adapted and highly successful variety, particularly with regard to **increased winter growth**.

Traditional breeding methods were used to develop 'SuperHaifa'.

### Agronomic characters

This is a vigorous, large leaved winter-active variety of white clover. Leaflets are a darker green than in the parent 'Haifa' and leaves have fewer leaf markings. Plants are slightly earlier flowering than 'Haifa'. Flower heads are white and large and are more predominate above the sward than Haifa.

As '**SuperHaifa**' ( **rating 8/9**) is **more highly winter active** than **Haifa (rating 6/7)** it will provide grazing during the colder autumn and winter months in regions experiencing cold, frosty and moist conditions. SuperHaifa will perform as well or better than Haifa during the warmer spring and summer months

### Yield Data

Over three years of trials conducted in South Australia and Victoria SuperHaifa out yielded Haifa by an average of 13% for forage yield.

SuperHaifa has been entered into trials at Gatton Research Centre Queensland, preliminary results are showing SuperHaifa out yielding Haifa by over 10% for multiple cuts done throughout the year. This trial will be ongoing. In trials in the US and China SuperHaifa has performed approximately 9% and 6% better respectively.

### Plant Breeders Rights

'SuperHaifa' has protection through the Australian PBR scheme.

For more information please visit our website

<http://www.seedgeneticsaustralia.com>