

## THE PERSISTENT WHITE CLOVER

### DESCRIPTION

A thoroughly proven, high performing, and very persistent medium leaved white clover well suited for sheep, beef and dairy cattle pastures, with superior spring – summer production, high Nitrogen fixation ability and good tolerance to insect pests and leaf diseases. Recommended for inclusion in all pasture mixes.

### BENEFITS

- Medium leaf size
- Higher dry matter production, with improved winter, spring production
- Greater Nitrogen fixation ability
- Greater stolon density
- Superior persistence
- Excellent livestock performance potential
- Better resistance to common clover diseases
- Suitable for all livestock types and farming systems

### AGRONOMIC TRAITS

LEAF SIZE	DISEASE TOLERANCE	PERSISTENCE (years)
Small to medium	Very good	3-5+ *
SOWING RATE (kg/ha)	SOWING DEPTH	SOWING DATES
3-5	1-1.5cm	Autumn- Spring

*\* Subject to management and climatic conditions*

### AGRESEARCH WHITE CLOVER CULTIVAR EVALUATION TRIAL, CANTERBURY, 2001

Variety	Annual Performance (Huia = 100)				Seasonal Performance (Huia = 100)				Stolon Density (1-5)
	Year 1 (%)	Year 2 (%)	Year 3 (%)	Overall (%)	Spring (%)	Summer (%)	Autumn (%)	Winter (%)	
<b>Demand</b>	<b>128</b>	<b>135</b>	<b>148</b>	<b>132</b>	<b>144</b>	<b>134</b>	<b>123</b>	<b>135</b>	<b>3.4</b>
Tribute	119	135	171	129	138	129	120	153	2.6
Prestige	115	137	146	126	140	127	124	123	3.6
Apex	121	127	136	122	128	117	112	155	2.6
Kopu 2	127	106	120	117	122	116	105	128	2.0
Huia	100	100	100	100	100	100	100	100	2.2
Prop	92	104	100	98	116	88	97	88	2.4

*Stolon density scored visually on a 1= sparse to 5= very dense basis*

**AGRESEARCH WHITE CLOVER CULTIVAR EVALUATION TRIAL, NORTH ISLAND**  
 (pooled results of 3 North Island trials. (Huia = 100) - Woodfield, 2003)

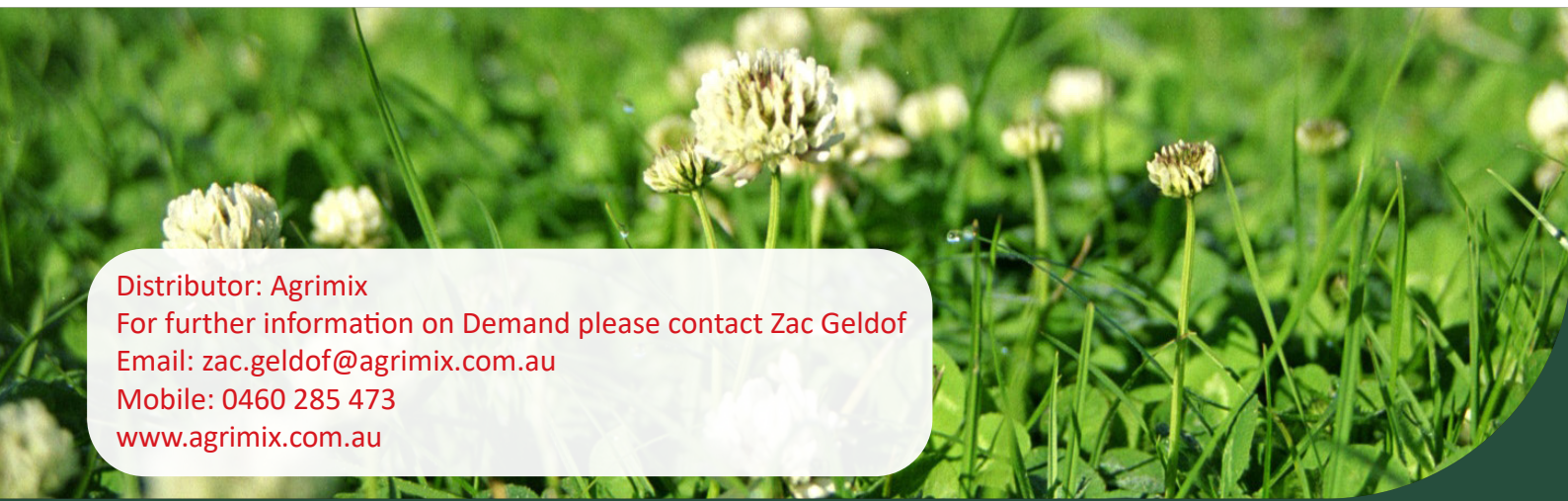
Cultivar	Stolons (no./m <sup>2</sup> )	Rel. Yield	Spring	Summer	Autumn	Winter
Challenge	1534	97	106	82	97	114
<b>Demand</b>	<b>2130</b>	<b>116</b>	<b>120</b>	<b>111</b>	<b>116</b>	<b>117</b>
Huia	1810	100	100	100	100	100
Prestige	2242	111	119	107	106	110
Prop	1812	93	103	94	82	91
Sustain	1722	105	111	97	98	113
Tahora	2045	112	123	100	110	119
Tribute	1853	127	130	120	118	145

**SOWING**

Demand can be shallow sown in either autumn or spring at a sowing rate of 4-6kg/ha as sub clover component of pasture mixes into a fine, firm and moist seedbed. Alternatively Demand can be sown at 1-2kgs/ha along with 1-2kgs/ha of Mantra large leafed white clover.

**MANAGEMENT AND USE**

The addition of white clover to pasture mixes results in increased soil nitrogen production and enhances forage quality as well as high potential livestock production and performance. Demand is well suited for inclusion in summer cropping mixes with forage herbs such as chicory and plantain. It is recommended for all high performance farming systems and for use with all livestock types including sheep, cattle, deer and goats.



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