



Kotuku

White clover

Legumes & Herbs

Stock Type

Dairy, Beef

Kotuku is a very fast establishing, nutritious, high yielding large leaved white clover with superior summer growth.

Why *Kotuku*?

White clover is critical for feed value and nitrogen fixation in pastures. It is also a key source of protein and energy for milking and growing stock, particularly in summer. *Kotuku* has excellent seasonal growth, and outperforms all other trialled cultivars over the critical summer period.



High-yielding Kotuku fuels both dairy and red meat finishing systems.

Jumps out of the ground

Kotuku jumps out of the ground quicker than many clovers. That helps it compete with fast-establishing ryegrass, and makes it easier to plan broadleaf weed control in new pasture. Weeds are best treated when small, but new clovers must have 3-4 trifoliate leaves before spraying, so the faster your young plants reach this stage, the better your herbicide results.

High yield

This mixed sward trial included one entry without clover. The effect of clover on nitrogen fixation and yield is clear, with *Kotuku* showing particularly good yield.

Seasonal DM yield data 2013-2016, Courtenay, Canterbury. Trial mean = 100.

| Entry | Autumn | | Winter | | Early Spring | | Late Spring | | Summer | | Total |
|-----------------------|--------|----|--------|----|--------------|----|-------------|----|--------|----|--------|
| <i>Kotuku</i> | 117 | a | 107 | bc | 107 | ab | 109 | a | 121 | a | 114 a |
| <i>Kopu II</i> | 114 | a | 115 | a | 112 | a | 109 | a | 110 | b | 111 ab |
| <i>Kotare</i> | 105 | bc | 106 | c | 108 | a | 111 | a | 108 | bc | 106 bc |
| <i>Tribute</i> | 102 | bc | 105 | c | 109 | a | 107 | ab | 102 | bd | 105 c |
| <i>SF Quest</i> | 106 | b | 114 | ab | 111 | a | 105 | ac | 98 | d | 104 cd |
| <i>Mainstay</i> | 110 | ab | 101 | cd | 100 | c | 99 | bd | 102 | bd | 102 cd |
| <i>Weka</i> | 99 | cd | 97 | de | 100 | bc | 106 | ac | 101 | cd | 100 de |
| <i>Bounty</i> | 94 | de | 88 | f | 92 | d | 97 | cd | 102 | cd | 97 e |
| <i>Huia</i> | 88 | e | 91 | ef | 92 | d | 95 | d | 97 | d | 95 e |
| <i>No clover</i> | 46 | f | 67 | g | 59 | e | 55 | e | 29 | e | 44 f |
| Trial mean (kg DM/ha) | 1765 | | 721 | | 970 | | 1659 | | 3101 | | 8509 |
| Significance | *** | | *** | | *** | | *** | | *** | | *** |

*Data from Courtenay, Canterbury, 2013-2016. Statistical significance lettering is given, yields with the same letter are not significantly different at the 5% LSD level.

Oversowing advantage

Oversowing existing pastures with clover can add more clover to your system. Because it gets going so much faster than other clovers, *Kotuku* competes better with existing pasture and is perfect for oversowing.



Establishment speed of Kotuku (left) versus Mainstay.

Persistence

Kotuku has demonstrated robust persistence for a large leaved cultivar, and has a medium stolon density. This drives summer production in dairy and dry stock finishing systems.

Sowing *Kotuku*

| Dairy | | kg/ha |
|--|--|-------|
| Top performing dairy pasture | <i>Maxsyn</i> or <i>Array</i> perennial ryegrass | 18-22 |
| | <i>Kotuku</i> white clover | 2 |
| | <i>Ruru</i> white clover | 2 |
| | Total | 22-26 |
| Sheep, Beef, Deer | | kg/ha |
| For high palatability tetraploid finishing pasture | <i>4front</i> perennial ryegrass | 30 |
| | <i>Kotuku</i> white clover | 2 |
| | <i>Ruru</i> white clover | 2 |
| | <i>Morrow MS</i> red clover | 6 |
| Total | | 40 |

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