

TETRAPLOID QUALITY, EXCEPTIONAL PERFORMANCE

DESCRIPTION

Avatar NEA is a very high yielding, late heading (+22 days) tetraploid perennial ryegrass containing the NEA endophyte. It has been bred for a combination of improved animal safety and persistence against insect pests, and has strong year-round growth performance.

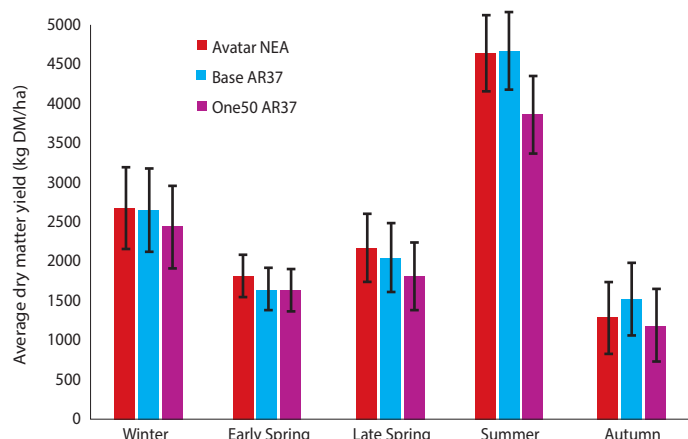
PERFORMANCE

Avatar NEA is displaying outstanding yield performance in all trials it has been entered into around NZ.

BENEFITS

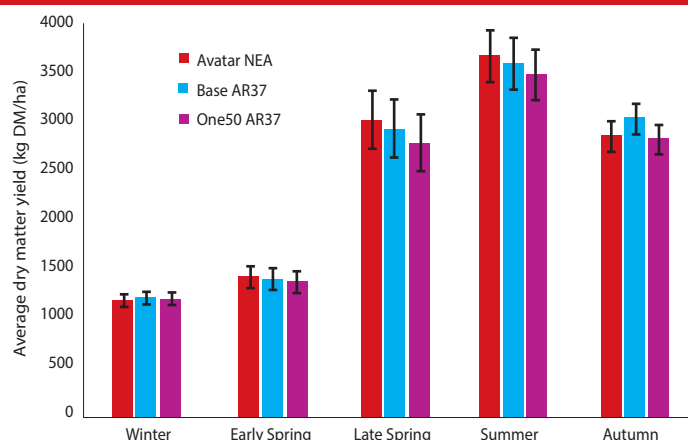
- An outstanding tetraploid perennial ryegrass containing the NEA endophyte
- Very high dry matter production
- High metabolisable energy and digestibility
- Excellent palatability
- Very late heading (+22 days) to maintain pasture quality for longer into spring
- Low aftermath heading - returns to vegetative state quickly
- Very good persistence
- Ideal for sheep, cattle and deer

AVERAGE SEASONAL DM YIELD OVER 3 YEARS IN WAIKATO



Notes: Cropmark Seeds Waikato yield evaluation trial under non-irrigated management at Ngatea. The replicated plot trial was sown in Autumn 2017. Statistical analysis was performed using 18

AVERAGE SEASONAL DM YIELD OVER 3 YEARS IN CANTERBURY



Notes: Cropmark Seeds Canterbury yield evaluation trial under centre pivot irrigation at Hororata. The replicated plot trial was sown in Autumn 2017. Statistical analysis was performed using 18

AGRONOMIC TRAITS

PLOIDY	HEADING DATE (days re. NUI = 0)	PERSISTENCE (years) *
Tetraploid	+22	5+
RUST RESISTANCE **	WINTER ACTIVITY	SOWING RATE (kg/ha)
9	High	25-30

* Subject to management and climatic conditions

** 1= Susceptible 9 = Resistant

Cropmark
Avatar^{NEA}
Tetraploid Perennial Ryegrass

SOWING

Avatar NEA can be sown in either autumn or spring at around 25kg/ha into a fine, firm and moist seedbed to a depth of 1-2cm when soil temperatures are above 8°C. Avatar should be sown with 4-6kg/ha of white clovers such as Mantra and Demand. The addition of 1-2kgs/ha of forage herbs such as Chico chicory and/or Oracle plantain will enhance forage quality, particularly over the summer months and lead to potentially higher livestock production and performance. Rolling with a Cambridge roller or equivalent after sowing is recommended to enhance seed-to-soil contact and therefore aid germination of the seed.

For optimum production, soil fertility status is critical. Fertilizer applications should be based on soil tests. Consult your local fertilizer representative. An application of a nitrogenous fertilizer after first grazing will enhance establishment and yields.

MANAGEMENT

Use the “Pluck test” to check when the new pasture is ready for its first grazing. First grazing should be a quick, light grazing using sheep or young cattle to enhance tillering of the plant and encourage clover growth.

Thereafter Avatar NEA should be grazed when it reaches 2,500 – 3,000kg dry matter per hectare to maximize growth rates and forage quality.

Avatar NEA can be rotationally grazed or set stocked, although best results will be obtained from rotational grazing. It is suited to high performance sheep, beef and dairy cattle farming systems.

AVAILABLE FROM ALL FARM MERCHANDISE AND SEED SUPPLY OUTLETS

For further information on Avatar NEA tetraploid perennial ryegrass, please contact Cropmark Seeds Limited.

Freephone 0800 427676 or contact your local representative.

North Island James Bryan 027 235 4989

South Island Liam Martin 027 555 6813

