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Everlast LE
PERENNIAL RYEGRASS

Scientific Name
Lolium perenne

PBR

PRODUCT INFORMATION

Everlast LE was bred for the Australian cattle and sheep market and is an early maturing but highly productive and extremely hardy ryegrass.

Key Features
- Extremely vigorous, provides abundant winter and early spring feed
- Particularly persistent and hardy
- Reliable dry matter production
- Improved tolerance to hot, dry Australian summers
- Low endophyte levels

Plant Characteristics
- Highly palatable, diploid perennial ryegrass
- Semi-erect growth habit and very deep rooted
- Hardy, frost tolerant and withstands dry conditions
- Persists 7-10 years under suitable conditions
- Summer dormant to enhance long-term persistence

Maturity
An early flowering variety which is slightly later than traditional Victorian types.
Days to flowering relative to Nui (0) = -14

Where can I grow it?
- Ideally suited to marginal perennial ryegrass areas and cooler climates
- Medium to high rainfall zones

Seed Size
500,000-600,000 seeds per kg
(Source: *Pasture varieties used in NSW 2006-2007*, Bev Zurbo, 2006)

Soil Type
Everlast LE is well adapted to a wide range of fertility levels and soil profiles, but peforms best in a well-drained loam. Diploid perennials will cope with short-term water logging provided the growing tip is above water. To maximise stand productivity, soil testing is advisable. Analyse soil and neutralise deficiencies with fertiliser and/or lime.

Fertility
Good base rates of phosphorus are necessary for maximum DM production especially during establishment phase. DM production is directly related to nitrogen availability. Consult your Upper Murray Seeds agronomist or fertiliser advisor for nitrogen application rates.

Sowing
Sow at 20-25kg/ha alone or 5-15kg/ha when a component of a pasture blend. Sow seed no deeper than 1cm in a fine but firm seed bed. Sow into bared ground if direct drilling. Lightly harrow and roll to improve germination. Suitable for oversowing into an established stand. Pasture productivity is directly related to successful plant establishment.

DISCLAIMER: All information provided is intended as a guide only. Upper Murray Seeds has taken all due care to ensure the included information is accurate and use of this information is at the user's sole discretion and risk. Varying environmental conditions may alter the performance of products and plants. The sowing rates provided are a guide only. You should refer to your agronomist or advisor for sowing rates suited to your particular situation.

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Disease and Pest Management

During emergence it is essential to monitor regularly for damage from insects such as RLEM and lucerne flea, and spray as required. Inspect during early stand life for populations of black-headed cockchafer and slugs. Contact your Upper Murray Seeds agronomist for spray application rates.

Weed Control

Everlast LE seedlings germinate quickly and are very competitive once established. Always use a knockdown herbicide to ensure you are sowing into a clean seedbed. Monitor for post-emergent weeds and spray as required. Use options such as spray-grazing for broadleaf weeds.

Grazing

Do not graze Everlast LE until the plant is well anchored and root depth is established. Carry out a quick in-paddock 'grab test' by hand to ensure stock cannot pull plants out of the ground. Everlast LE should be rotationally grazed to maintain 2-3 leaves per tiller. If the stand is allowed to grow beyond the three-leaf stage, it may run to head earlier and there will be a proportional reduction in quality and productivity.

Remove dry residues from established stands during autumn to encourage new tillers. Reduce stocking rates during late spring to encourage seed set and provide summer feed. Perennial ryegrass should be rested if temperatures exceed 30˚C to reduce plant stress. Everlast LE requires rotational grazing for persistence, high yields and to maintain nutritional quality.

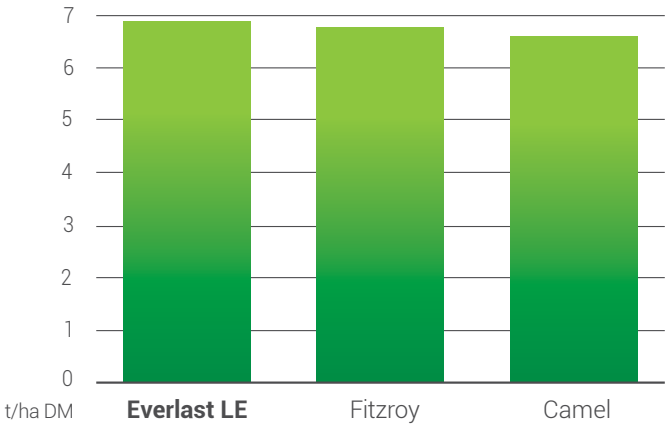
Feed Quality

Diploid perennials provide good winter production. Everlast LE is an excellent base for any perennial pasture providing reliable DM production. Everlast LE has improved rust tolerance which combines with its dense tillering ability to ensure plentiful high quality forage for grazing.

Animal Health

To optimise livestock weight gain and health, ensure livestock are vaccinated and drenched. To prevent nutritional problems, make gradual diet changes when introducing hungry stock to lush pastures. Contact an Upper Murray Seeds agronomist for more information.

Perennial Ryegrass, Replicated Dry Matter Trial



Tooma Research Farm, NSW, 2016

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