



Upper Murray Seeds®
Sow much better



Scientific Name

Lolium multiflorum



PRODUCT INFORMATION

Blast is bred for the Australian cattle and sheep market. It is a late-maturing, highly productive and extremely hardy tetraploid annual ryegrass.

Key Features

- Provides abundant winter/spring feed
- High quality and very palatable feed
- Excellent choice to oversow run-down pastures
- Ideally suited to hay and silage production

Plant Characteristics

- Broadleaf tetraploid
- High tiller count
- Excellent leaf-to-stem ratio, ie very leafy

Maturity

A mid-late flowering variety designed to produce DM later into the season than Tetila-type varieties.

Days to flowering relative to Nui (0) = +7 days

Where can I grow it?

- Medium to high rainfall zones
- Suitable for irrigation or dryland

Seed Size

200,000-300,000 seeds per kg

(Source: Pasture varieties used in NSW 2006-2007, Bev Zurbo, 2006)

Soil Type

Blast is well adapted to a wide range of fertility levels and soil profiles, but performs best in well-drained loam. 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 the 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 25-30kg/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.

PRODUCT INFORMATION



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

Blast 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 Blast 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. Blast 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.

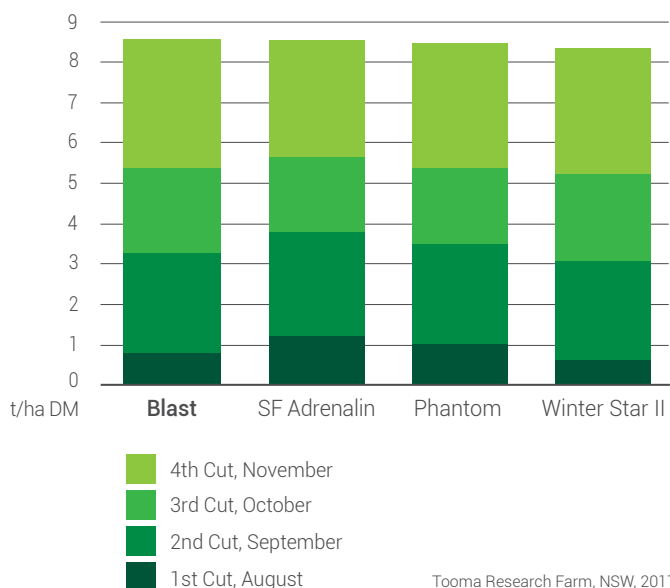
Feed Quality

Annual tetraploids, such as Blast, have 4 sets of chromosomes per cell resulting in bigger, darker leaves. This increased cell size has a higher sugar and moisture content which is more palatable and digestible than diploid varieties.

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.

Annual Ryegrass, Replicated Dry Matter Trial



2 | Blast Annual Ryegrass

www.uppermurrayseeds.com.au

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.

