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Grasslands®

Knight

Italian Ryegrass

The new benchmark Italian ryegrass



Knight being cut for silage in September, utilising the quick establishment and winter growth

Knight has been trialled in Australia for a number of years and is a fast starter with high winter yields. In pasture systems winter feed is the most valuable feed, especially when home grown. **Knight's** increased early growth means it provides more winter grazings which results in a better start to spring.

Knight produces more drymatter than most other short rotation ryegrasses. Persistence into and through a second year can occur in favourable seasons and is a key point for choosing **Knight** in a pasture programme.

Knight is Agricom's new diploid Italian ryegrass which was selected for rapid establishment and high autumn and winter yields. **Knight** is also shown to have better persistence and lower aftermath seed heads in comparison to other commercially available diploid cultivars.

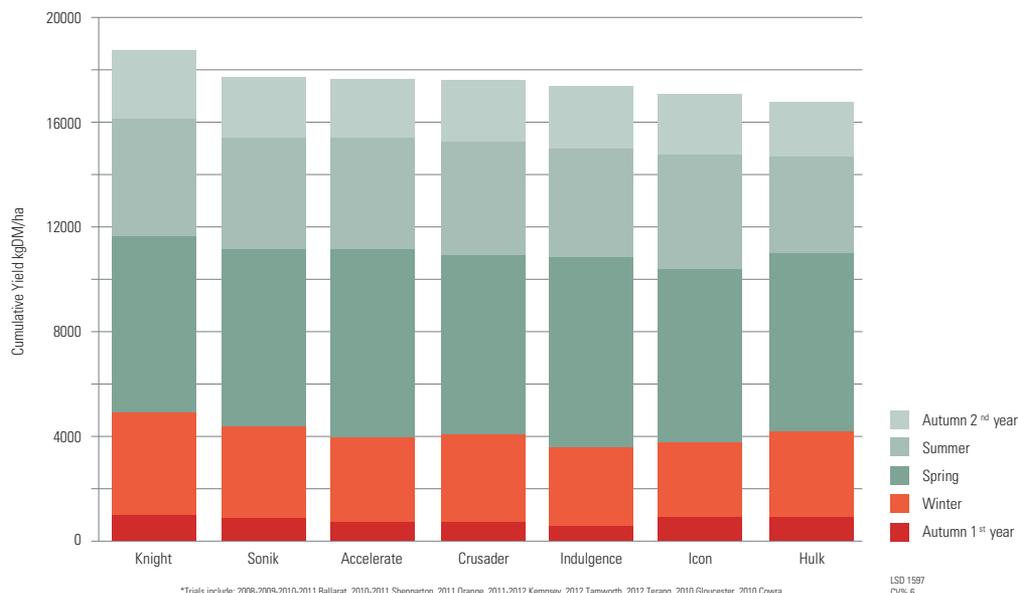
Key Features

- Fast establishing diploid Italian ryegrass
- Strong autumn and winter yields
- Good tolerance to rust
- Late flowering, 19 days later than Nui
- Good second year production in favourable seasons
- Ideal for late high-quality silage and hay production

Sowing early is recommended to take full advantage of **Knight's** extra growth.

Type	Ploidy	Rust Tolerance	Flowering Date	Suggested Sowing Rate kg/ha	Best Grazing Practice
Italian	Diploid	Good	Late	Pure Sward 20-25	Rotational

R&D Diploid Italian Ryegrass trial - 13 Trials Australia 2008-2012



Knight compared to other Italian Ryegrass varieties - drymatter yield from 13 trials in NSW and VIC, 2008-12

Knight has proven itself in Australian trials and on farm. **Knight** lifts the drymatter yield bar for Italian ryegrass by outperforming other varieties. More importantly it delivers this growth when it is most valuable – over winter and autumn when feed is of the highest value in a pasture based system.

Exceptional Drymatter Yields

Knight has exceptional total dry matter yields. On average over 13 trials in New South Wales and Victoria **Knight** produced 1,540kgDM/ha more than the average of other varieties trialled for total yield. That’s worth up to \$385/ha, if it can replace supplementary feed purchases of estimated prices of \$250/tonne.

More Quality Feed

Knight is a late heading cultivar with reduced aftermath heading which means it holds its late spring and summer feed quality in appropriate environments.



// After being impressed with results achieved by our neighbours, this year we decided to give Knight a go and direct drilled a paddock identified for renovation at a rate of about 25kg/ha during late April, straight after the autumn break. Germination went really well – it was better than I have had before from any other variety I have tried. //

Neil Martin and his dog, Bridget – Kirkstall, Victoria



Knight provides a bulk of quality feed at a price that is competitive when compared to other winter grazing options including cereals. Strong winter growth rates are also invaluable in meeting the demands of autumn calving systems, achieving target pasture cover to support early-spring milk production or stock grazing.



Sowing

Italian ryegrasses are usually sown in autumn. Direct-drill or sow into cultivated seedbeds at 20-25 kg/ha. Sowing early can make a bigger contribution over the autumn establishment period to the total production.

Seed Treatment

Knight is recommended to be Kickstart® treated. Kickstart® seed treatment protects new pasture sowings from pasture pests and diseases to help you reduce the risk of pasture losses during establishment. Kickstart® includes insecticide which helps protect emerging seedlings to protect your pasture investment.

Grazing Management

Rotational grazing is recommended. Graze when the root system is sufficiently developed to minimise pulling by stock. Aim to regraze when the ryegrass is at the 2 ½ to 3 leaf stage. Do not graze new regrowth (ie. a maximum of 3 days on the one area) as this will reduce regrowth rates.

Knight sets the new benchmark for Italian ryegrass.

With its mix of all year round growth with exceptional winter production and feed quality, Knight is an exceptional pasture setting new standards of performance on Australian farms.

Find out more visit www.agricom.com.au/knight

Results will vary depending on all the circumstances. Agricom provides no assurances, guarantees or warranties other than those that must be provided by law. To the extent permitted by law Agricom excludes all liability, and has no liability, however arising. © Agricom, 2016

Another quality cultivar from...
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Knight Italian ryegrass is available from quality seed retailers, for more information on **Knight** talk to your local distributor:



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