

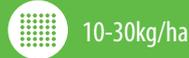


Ultrastrike® film coat seed recommended

USES:



BEEF DAIRY SHEEP HAY SILAGE



10-30kg/ha

SOWING RATE



500mm pa

RAINFALL / IRRIGATION

Concord® II is a major development in Italian ryegrass with its exceptional speed of establishment combined with even seasonal growth.

- Ready to graze in 45–70 days
- Exceptionally fast to establish
- Even growth over the season
- Regrowth into the second season is very good, given favourable conditions

Description

Concord® II diploid Italian ryegrass is the next generation Concord® which was the first proprietary ryegrass developed in Australia by PGG Wrightson Seeds.

Concord® II is an outstanding Italian ryegrass with exceptional speed of establishment, delivering increased winter production and solid seasonal dry matter production with the ability to carry through to the second year where conditions allow.

The speed of establishment of Concord® II allows for greater flexibility of the variety, allowing it to be used in many more situations than its predecessor. While traditional autumn sowing is the primary use of Concord® II, its speed of establishment allows it to be used successfully in over-sowing situations, pugged pasture recovery programmes, spring sowing where irrigation is available or where Italians have been used in a more annual sowing programme.

When used in an autumn sowing, the increased growth through the winter months is where Concord® II will return the greatest benefits to your farming situation by delivering excellent feed volumes to support grazing animals.

Another improvement that has been made with Concord® II is increased second year production which has been a trait that other Italian ryegrasses, coming to the market seem to have lost over the past few years.

Grazing Management

Concord® II is best suited to rotational grazing as this allows the plant to recover as quickly as possible. Concord® II should be sown as soon as there is adequate moisture which will maximise the winter production of the product.

A light grazing as soon as the plants can withstand pulling will encourage tillering as well as growth of other species such as clovers if they have been sown with Concord® II. To get the most out of Concord® II, graze as soon as the plants have reached the third leaf growth stage to ensure that the best quality is achieved. Ensure you test the plants before allowing stock to graze the paddock otherwise this may cause significant damage to the newly sown pasture.

For best persistence and to give Concord® II every opportunity to survive into the second year, avoid hard grazing over the summer months. Concord® II can be used to increase the winter production of a pasture because of its seedling vigour and its ability to persist into a second year. Recovery of the plants will be determined by how much residual is left after the grazing period. Avoid grazing to bare ground as this will significantly slow down recovery after grazing and will be detrimental to the overall production of the ryegrass over the growing season.

Breeding

Concord® II has been developed over many years to ensure that we delivered significant improvements to the original Concord®. Concord® II has been bred by PGG Wrightson Seeds in Australia under Australian conditions.

The breeding background for Concord® II had a focus on seedling vigour which is a very important trait for the Australian environment.

Seedling vigour has certainly been achieved, especially when compared against the original Concord®. While many Italian ryegrasses sold in Australia have generally achieved good seedling vigour, the persistence has certainly been questioned by Australian farmers, however the breeding of Concord® II has demonstrated good regrowth into the second season given favourable conditions. This combination will change the thinking of Australian farmers about the persistence of fast establishing, Italian ryegrass.

Pest and Disease Tolerance

Concord® II has been trialed and screened for rust during the selection process. To ensure that Concord® II is protected from insect attack at the early establishment stage, Ultrastrike® seed treatment is recommended.

Ultrastrike® seed treatment offers protection against some of the common pasture pests such as Red Legged Earth Mite and Blue Oat mite. The protection is only for 6 weeks, so it is still important to monitor the pasture and especially soon after sowing so that any management requirements are implemented as soon as necessary.

Trial Results

Table 1: Concord® II consistently outperformed Concord® during trials undertaken between 2009 and 2012.

Entry	Establishment	Winter	Spring	Summer	Autumn
Concord® II	119%	112%	104%	115%	114%
Concord®	100%	100%	100%	100%	100%

The data in Table 1 was generated from trial sites and locations:

- 2008 Lm Ballarat (VIC)
- 2010 Lm Ballarat (VIC)
- 2010 Lm Gloucester (NSW)
- 2012 Lm Terang (VIC)
- 2009 Lm Ballarat (VIC)
- 2010 Lm Shepparton (VIC)
- 2011 Lm Kempsey (NSW)
- 2012 Lm Tamworth (NSW)



“Very fast establishment, excellent quality, cows grazed very well and it has very quick recovery.”

Brendan Martin
Victoria – Dairy Production

Early Vigour/Growth

Location: Shepparton

Sowing date: 19/03/2014

Photograph date: First cut on 06/05/2014

Photograph explanation: Concord® II demonstrating better early vigour than Concord®.

Concord® – 644 kgDM/Ha



Concord® II – 1,111 kgDM/Ha



Persistence

Location: Ballarat

Sowing date: 21/04/10

Photograph date: 13/04/12

Photograph explanation: Concord® II's improved persistence compared to Concord® after the second summer in Ballarat. Throughout the second summer the trial was heavily grazed and no irrigation occurred.

Concord® – 644 kgDM/Ha



Concord® II – 1,111 kgDM/Ha



Sowing and Establishment

Concord® II is a diploid, so sowing rates should be between 10-30kg/ha using Ultrastrike® seed treatment.

Sow as early as possible to maximise winter feed in the first year and monitor fertility levels to optimise production. Test the plants for anchoring approximately 40-45 days after sowing as a light grazing as early as possible will aid tillering and further root development. This will result in increasing overall productivity and the plants ability to withstand stress periods such as dry periods during the warmer months of the year.

Learning - Concord® II

For more information on how Concord® II can help work for you and your land you can access the following extra information from the Concord® II page at pggwrightsonseeds.com.au

Forage Focus

What to sow for Quick Winter Feed

Forage Focus

Getting the best value out of our pasture

Forage Focus

Programmed Approach to pasture renewal

Forage Focus

Pasture recovery from floods

Concord® II - Fast Facts

Class of Stock	Dairy, Beef, Sheep	Treatment recommended	Ultrastrike®
Sowing Rates	10-30kg/ha	Flower Heading Dates	Late
When will feed be available	Autumn, winter and spring. Favourable conditions will offer summer feed also.	Ploidy	Diploid
How can it be used	Grazing, Silage and Hay	Endophyte	N/A
Rainfall guide	Minimum 500mm rainfall per annum unless irrigated		

LET'S GROW TOGETHER

Planning your forage and seed requirements in advance can make a big difference to your productivity. For over 75 years PGG Wrightson Seeds have been working with farmers to get the balance right.

To discuss your growth plans call your Sales Agronomist now.

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