



Ultrastrike® film coat seed recommended

USES:



**BEEF**



**DAIRY**



**SHEEP**



**HAY**



**SILAGE**



20-30 kg/ha

**SOWING RATE**



650mm p/a

**RAINFALL / IRRIGATION**

*Australian bred under tough conditions, Base AR37 is resistant to a number of Australia's major pasture pests and is well suited to high-rainfall dairy regions.*

- Ready to graze in 55 – 85 days
- Contains AR37 endophyte providing resistance to a number of major pasture pests
- Has shown excellent persistence
- Very high tiller density and high dry matter production
- Excellent late season quality feed
- Better suited for dairy and beef farming operations

### Description

Base is a late maturing (+22 days compared to Nui) tetraploid perennial ryegrass available with AR37 endophyte. Base AR37 is unsurpassed for dry matter yield meaning more feed is available for your stock.

An added feature of Base AR37 is its high seasonal production in autumn and winter. It also responds well to summer rainfall, providing growth when moisture and fertility are available. This time of year is critical for most dairy farmers looking to increase pasture cover heading into calving, have winter milk contracts or are wintering dry cows on farm.

Being a tetraploid perennial ryegrass, Base AR37 has greater palatability and digestibility than normal diploid type ryegrasses which results in a pasture that is more readily accepted by stock. This increased animal acceptance and quality of Base AR37 combined with its erect growth habit can improve animal intake and performance.

### Grazing Management

Base AR37 will produce more dry matter as well as persist longer under rotational grazing management. Avoid hard set stocking during periods of stress such as droughts or periods of low fertility.

Although to date no incidences of AR37 related staggers in cattle has been reported it is possible sheep could be affected, however trials have demonstrated that on average the duration as well as severity of ryegrass staggers is less than for standard endophyte.

To date AR37 has been trialled with sheep and cattle exclusively. Other classes including horses and deer should not consume forage containing AR37 endophyte.

**Breeding**

Base AR37 was selected from high yielding, densely tillered plants that survived two years of severe drought and hard sheep grazing.

These selections were undertaken at our Maryborough (Vic) and Hamilton (Vic) trial sites which were sown in 2004. The surviving plants were transplanted to our Research Station in Ballarat where further screening and evaluation took place.

The finished cultivar was then inoculated with the endophyte AR37 to enhance persistence against a wide variety of insects.

**Pest and disease tolerance**

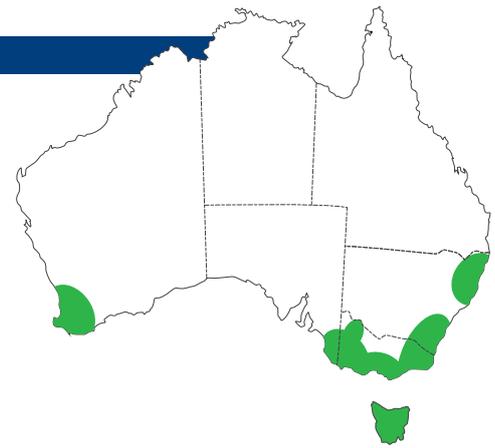
Pasture persistence is improved mainly through the comprehensive insect protection provided by the AR37 endophyte. AR37 has good control of Argentine Stem Weevil larvae, Pasture Mealy Bug, Black beetle, Root Aphid and Porina. Base AR37 also has a high tiller density relative to some other tetraploid ryegrasses which further helps pastures to persist.

**Sowing and Establishment**

Base AR37 tetraploid seed is heavier than diploid seed so ideally it should be sown at 40% higher rate than that of diploid cultivars. Sow between 20-30kg/ha using Ultrastrike® film coat.

**Where can it grow**

Base AR37 is well suited to all Tasmanian, Victorian and West Australian dairy zones extending up the New South Wales Coast to include the Tablelands to Coffs Harbour.



**Learning - Base AR37**

For more information on how Base AR37 can help work for you and your land you can access the following extra information from the Base AR37 page at [pggwrightsonseeds.com.au](http://pggwrightsonseeds.com.au)

**Video**

See the difference between a diploid and tetraploid ryegrass.

**More Information**

For more information on the AR37 endophyte visit [ar37.com.au](http://ar37.com.au)

**Forage Focus**

Understanding endophytes in a dairy system.

**Forage Focus**

Programmed Approach™ to pasture renewal

**Forage Focus**

Getting the best value out of your pasture

**Base AR37 - Fast Facts**

<b>Class of Stock</b>	Beef, Sheep, Dairy	<b>Treatment recommended</b>	Ultrastrike®
<b>Sowing Rates</b>	20-30kg/ha	<b>Flower Heading Dates</b>	+22 days
<b>When will feed be available</b>	Winter to late Summer	<b>Ploidy</b>	Tetraploid
<b>How can it be used</b>	Grazing, Silage and Hay	<b>Endophyte</b>	AR37
<b>Rainfall guide</b>	Minimum 650mm rainfall per annum unless irrigated		

**LETS 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 on 1800 619 910.**