



Ultrastrike® film coat seed recommended

USES:



**BEEF**

**DAIRY**

**SHEEP**



3-6kg/ha

**SOWING RATE**



500mm pa

**RAINFALL / IRRIGATION**

*The brassica to choose when fast, high quality spring/summer/autumn feed is needed for your stock.*

- Ready to graze in 42-70 days
- Excellent vigour to produce higher yields than other similar types
- High quality feed
- Multi-graze option with excellent regrowth potential
- Selected for reduced bolting

### Background

Pasja II is an early maturing leafy turnip that has been bred and selected for rapid early growth, late bolting while maintaining high stock performance. Pasja II, like other leafy turnips, is a hybrid; achieved through the breeding programme by crossing turnips with a leafy Asian vegetable of the same species. This hybrid breeding results in increased establishment and increased growth while having minimal bulb development. This is why Pasja II is so quick to first grazing and is able to produce high amounts of feed providing that the crown is not grazed out and if available moisture and fertility is adequate.

Pasja II is a very flexible forage brassica option suiting lamb finishing, dairy and beef growing systems. It not only offers high quality feed, but is a valuable tool in a pasture renovation programme.

### Grazing Management

To achieve the production benefits of Pasja II, it is important to be grazing it within the first 42 to 70 days after sowing; this ensures excellent palatability from the early grazing and that the plant doesn't go "too bitter" if left after the recommended first grazing period. For maximum regrowth and highest potential yield, rotational grazing over a short period of time is a good method. Another method is to strip graze; be sure to use a back fence so that the recovery and subsequent regrowth is not compromised. Avoid hard grazing at any stage as this will cause potential damage to the crown of the plant and therefore affect the potential for regrowth. Ensure that there is some leaf, stem and petiole left after grazing as this will enhance regrowth and aid in yield potential of subsequent grazings.

**Grazing Management (continued)**

Feeding a good quality fibre source to all ruminants aids digestion when utilising high quality feed such as forage brassicas. The purpose of the fibre is to encourage the animal to chew. The chewing encourages salivation, a rich source of sodium bicarbonate, which acts as a buffer to help balance the acids produced during fermentation in the gut. Fibre also helps with firming up liquid dung that is often seen when animals are grazing high quality feed. All of these factors combined, aids with improving the overall productivity of the grazing animal to get the most out of forage brassicas.

**Breeding**

Pasja leafy turnip has been a strong performing forage brassica in Australia for many years. Therefore, it was important to ensure that the traits that made the original Pasja such a favourite variety were kept and improved on when breeding and selecting for Pasja II. Key traits such as seedling vigour, speed to the first grazing, multiple grazing opportunities and overall yield have all been a focus in the breeding of Pasja II.

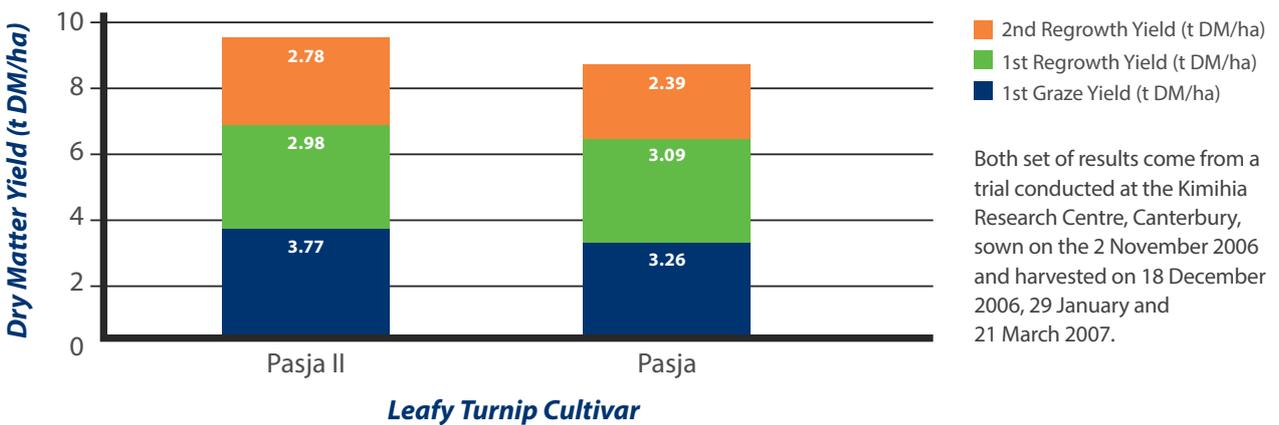
A significant trait improvement which Pasja II has over the original Pasja is its reduced bolting. Bolting is the presence of yellow flowers and the plant going from vegetative growth to reproductive growth. It reduces feed quality, feed intake and overall yield which all lead to reduced animal performance and productivity. The bolting of Pasja II is much less than with the original Pasja which makes Pasja II a much more flexible variety.

**Pest and Diseases**

It is recommended that Pasja II is treated with the Ultrastrike seed treatment for ultimate protection of the developing seedling at its most vulnerable stage of development. The Ultrastrike treatment offers insect pest protection of key pests such as Red Legged Earth Mite and Aphids which are known for the devastation that can be caused soon after sowing.

**Trial Analysis**

**Dry Matter Production of Multi-Graze Leafy Turnips**



**Number of bolting plants per plot over time**

Cultivar	Bolters per plot (16 January 2007)	Bolters per plot (6 March 2007)
Pasja II	0	0
Pasja	17	64

The above table shows the number of bolting plants of Pasja and Pasja II in a plot at two different times. The result shows that bolting is significantly reduced for Pasja II. This trial was conducted at Kimihia Research Centre in 2006/7.

**Sowing and Establishment**

Ensure that excellent seed to soil contact is established when sowing Pasja II given that it is a small seed like all forage brassica varieties. This can be achieved either through a conventional method of cultivation prior to sowing or through a direct drill approach. With either method, the use of a roller and/or press wheels should create the ideal contact between the seed and the soil. This will ensure that germination is even and consistent as well as available moisture being directed to the area where the seed is located.

Sowing depth is critical and is it important to make sure that the seed is not sown any deeper than 10mm. Any deeper and the seedling will take longer to emerge above the soil surface as well as expend extra energy resources during the germination process.

## Learning - Pasja II

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

**Testimonials**

The farmers opinions

**Forage Focus**

Understanding Brassica  
Forage Focus

## Pasja II - Fast Facts

<b>Class of Stock</b>	Dairy, Beef, Sheep	<b>Treatment recommended</b>	Ultrastrike®
<b>Sowing Rates</b>	3-6kg/ha	<b>Flower Heading Dates</b>	n/a
<b>When will feed be available</b>	Spring Sowing: Late spring, summer to early autumn. Autumn Sowing: Late autumn to mid-winter	<b>Ploidy</b>	n/a
<b>How can it be used</b>	Grazing	<b>Endophyte</b>	n/a
<b>Rainfall guide</b>	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.**