

# FREYR SUNN HEMP SEED AVAILABLE NOW





## FREYR: LIKE THE GOD SOIL HEALTH, NUTRITION AND PRODUCTIVITY

Freyr Sunn Hemp fits into a sound soil health program, through impacting three key elements of a healthy soil: biology, structure and chemistry.



# FREYR

Cover crop legume  
Sunn Hemp (*Crotalaria juncea*)

<p>GREEN OR BROWN MANURE</p> <p>★★★★★</p> <p>UTILISE SOIL MOISTURE</p> <p>★★★★★</p>	<p>SOIL BIOLOGY</p> <p>BENEFITS SOIL BIOLOGY</p> <p>★★★★★</p> <p>ROOT-KNOT NEMATODE SUPPRESSION</p> <p>✓</p>	<p>SOIL STRUCTURE</p> <p>ROOTING DEPTH</p> <p>★★★★☆</p> <p>EROSION CONTROL</p> <p>✓</p>	<p>SOIL CHEMISTRY</p> <p>NITROGEN FIXATION</p> <p>★★★★★</p> <p>WEED SUPPRESSION</p> <p>★★★★☆</p>	<p>ANIMALS AND SOIL BIOLOGY</p> <p> </p> <p> </p>
---	--	---	--	---

# FREYR

Cover crop legume  
Sunn Hemp (*Crotalaria juncea*)



Above: **L-R:** Richard Hobbs - HCPSL Extension Agronomist, Rob Carnell - AGF Seeds, Lawrence Di Bella - HCPSL Manager.  
Photo taken March. 4 week old Freyr (Late plant). Resulting in lot of quick biomass, building the soil resource through benefits to soil biology, structure and chemistry.  
Freyr crops like this suppress weeds and nematodes, prevent erosion and increase soil Nitrogen.



Above: Freyr is a legume and fixes nitrogen as shown in pictures above of healthy nodules on Freyr roots.



Above: **L - R:** Pat McGuinness - Agronomist, David Moon - Moonrocks, St George, Qld, Will Bazley - Seed Sales Representative, Nth NSW and Qld, AGF Seeds.  
Pictured in a paddock of Freyr used in a multi-species break crop before pumpkins.



Scan QR code to view Sunn Hemp cover crop video.

# FREYR

Cover crop legume  
Sunn Hemp (*Crotalaria juncea*)



Above: Freyr seed.



Above: Seedling Sunn Hemp at different growth stages.



Above: Manuring Freyr is a common option, green and brown. This pic demonstrates brown manuring.



Above: Freyr can be used in multi species mixes. These two pics shows inter row sowing of Tillage Radish and Sunn Hemp.

# FREYR *Cover crop legume* *Sunn Hemp (Crotalaria juncea)*

Are you an Australian farmer or retailer? Please be assured our mission is to minimise your risk and maximise your potential by supplying the best grain and forage varieties, seed quality, and customer service. You benefit from our unique combination of independence, flexibility, and a wide world of seeds through our Australian and international alliances. Importantly, you can trust AGF and the information in this guide because of our focus on evaluation, a long history in seed multiplication, in-house seed processing, a commitment to ethical marketing, and good people.



- Soil Health tool
- Builds soil resource
- Feeds soil biology
- Benefits soil structure
- Enhances soil chemistry
- Suppress weeds
- Heat tolerant
- Drought tolerant
- High protein forage
- Fixes Nitrogen

## SOWING TIPS *(guide only)*

Acceptable results may be observed outside of the optimum conditions listed below.

pH (CaCl) 5.0-7.5

Germination temp 14 deg C

Prefers well drained soil

Sow alone at 10-20kg/ha

Blend with other species at 4kg/ha

Sowing depth 2cm

Rhizobia inoculant group I

Often ready to green manure as early as 45-60 days post sowing

Can reach 1.2m tall in 60 days in the right conditions

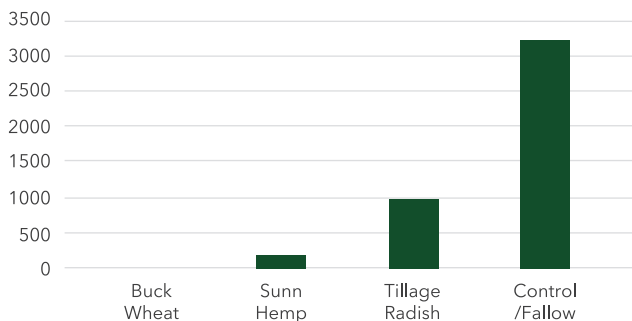
Ideally terminated at 25% flower

### NOTICE:

Although the information and recommendations in this guide are presented in good faith and believed to be correct, Australian Grain and Forage Seeds Pty. Ltd. makes no representations or warranties as to the completeness or accuracy of Information.

Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Australian Grain and Forage Seeds Pty. Ltd. be responsible for any damages or loss of any nature whatsoever resulting from the use of or reliance upon Information supplied in this guide.

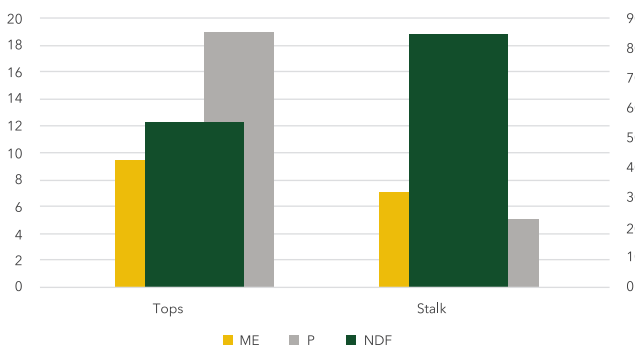
Weed biomass (kg/ha) dry weight



Weed data from Integrated Weed Management VG15070

<https://ausveg.com.au/articles/the-advantages-of-sunn-hemp-in-veg-production/>

Feed test results



Feed test results, courtesy of Lawrence Di Bella, Di Bella Produce and Farming. Supplied in good faith. It is recommended you carry out your own feed tests.