



**Upper Murray Seeds®**  
*Sow much better*



### Scientific Name

*Hordeum vulgare*



## PRODUCT INFORMATION

Harpoon is a new awnless forage barley bred to suit grazing and hay production enterprises around Australia. Harpoon produces significant quantities of dry matter (DM) and is later maturing than other forage barley varieties.

### Key Features

- Extremely palatable
- High-yielding with exceptional winter production
- Performs well under stress
- Versatile – suited to grazing and hay production

### Plant Characteristics

- Awnless, fine-stemmed white-seeded barley
- Very evenly maturing 6-row heads
- Establishes rapidly, grows vigorously and tolerates multiple grazings
- Has very good disease resistance.

### Maturity

Maturation quickly although later than most forage barley types, thus allowing for DM production later into the Spring.

### Where can I grow it?

Harpoon adapts to a wide variety of sowing conditions and environments down to approx. 350mm rainfall, and has good cold tolerance.

### Soil Type

Harpoon is well adapted to a wide range of fertility levels and soil profiles but performs best in a well-drained soil. While forage barley is not known to be acid-soil tolerant, Harpoon is grown and persists in such conditions. Soil testing is advisable to maximise productivity. Analyse soil and neutralise deficiencies with fertiliser and/or lime.

### Fertility

Good base rates of phosphorus are necessary for maximum DM production especially during the establishment phase. DM production is also directly related to nitrogen availability so consult your Upper Murray Seeds agronomist or fertiliser advisor for best results.

### Sowing

Aim for maximum plant counts to increase productivity. Sow no deeper than 3-4cm at a rate of 70-90kg/ha (dryland) and 90-100kg/ha (irrigation). Harpoon can be both Autumn and Spring sown due in part to its rapid establishment.

## 1 | Harpoon Forage Barley

DISCLAIMER: All information provided is intended as a guide only. Upper Murray Seeds has taken all due care to ensure the included information is accurate and use of this information is at the user's sole discretion and risk. Varying environmental conditions may alter the performance of products and plants.

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# PRODUCT INFORMATION



## Disease and Pest Management

During emergence it is essential to monitor regularly for damage from insects such as RLEM and lucerne flea, and spray as required. Contact your Upper Murray Seeds agronomist for spray application rates.

## Weed Control

Harpoon is a very competitive seedling and established plant. Ensure adequate sowing rates in your rainfall region to aid Harpoon's competitive nature. Always use knockdown herbicide to ensure you are sowing into a clean seedbed. Consider using pre-emergent herbicides for effective weed control. Monitor for post-emergent weeds and spray as required.

## Grazing

Harpoon is a true dual-purpose crop, bred for both forage production and grazing. When grazing Harpoon do not graze until the plant is well anchored and root depth is established. Carry out a quick in-paddock 'grab test' by hand to ensure stock cannot pull plants out of the ground.

## Feed Quality

Excellent forage quality and can be sown as a specialist silage crop. Harpoon has phenomenal DM production in 90 days when compared to forage oats, ryegrass or dual-purpose triticale. Harpoon will provide multiple grazings into springtime when well managed, through strip grazing.

## Animal Health

To optimise livestock weight gain and health, ensure livestock are vaccinated and drenched. To prevent nutritional problems, make gradual diet changes when introducing hungry stock to lush pastures. Contact an Upper Murray Seeds agronomist for more information.



*One of the first production crops of Harpoon in Spring 2019 showing its prodigious DM production.*



## 2 | Harpoon Forage Barley

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