

Hairy Vetch Orium

Vicia villosa

LEGUME · ANNUAL · COOL SEASON

PRODUCT OVERVIEW

A Spain-produced annual legume with medium cold tolerance for winter forage, green manure and nitrogen-building cover in temperate and subtropical rotations.

WHY SHORTLIST THIS PRODUCT

- Cool-season fit**
 Extends living cover and crop function into the cooler part of the production calendar.
- Biological nitrogen**
 As a legume, it can support biological nitrogen fixation when compatible rhizobia and sound establishment are used.
- Managed forage**
 Can support forage goals when harvest stage, animal class and local feeding guidance are considered together.
- Moderate cold tolerance**
 Provides useful cool-season performance where winter conditions remain within the product's tolerance.

PRODUCT SNAPSHOT

CROP TYPE

Legume · Annual

SEASON / CLIMATE

Cool season

PRIMARY ROLES

Cool season · Nitrogen · Forage

GENERAL SOIL FIT

Confirm locally

SOIL pH

5.5–7.0 · species reference

Establish well. Manage the whole cycle

ESTABLISHMENT

- 01 Choose the window**
Match planting to the product's season, frost risk and the field's moisture outlook.
- 02 Test and prepare**
Use a current soil test, control competing vegetation and prepare the seedbed or planting zone for good contact.
- 03 Calibrate the lot**
Confirm the current seed lot, germination, treatment and whether the recommended rate is bulk seed or pure live seed.
- 04 Establish carefully**
Follow the technical reference for placement and method, then verify emergence and stand uniformity early.
- 05 Support nodulation**
Use the compatible inoculant where required and protect it from heat, drying and incompatible seed treatments.

TECHNICAL REFERENCE

Soil pH
5.5–7.0 · species reference

Seeding rate
50–80 kg/ha

Planting depth
1–2 cm

Dry matter
7–8 t/ha

Rainfall
325–600 mm

Cold tolerance
Medium

MANAGEMENT

- 01 Set the objective**
Manage the stand for its primary role—cover, soil recovery, forage, grain, tubers or a planned combination.
- 02 Watch the stage**
Use crop stage and field condition—not the calendar alone—to time grazing, harvest or termination.
- 03 Maintain function**
Monitor moisture, fertility, weeds, pests and stand density; adjust before lost ground becomes difficult to recover.
- 04 Plan what follows**
Coordinate residue, regrowth or termination with the needs and planting window of the next enterprise.
- 05 Verify locally**
Adapt the program to local climate, soils, regulations, animal class and product labeling.

Drought tolerance
Very high

Flooding tolerance
Low

Production origin
Spain

Uses
Forage, green manure, cover

Growth habit
Climbing or semi-erect, to 1 m

Salinity tolerance
Medium

IMPORTANT MANAGEMENT NOTE

Reference values are not performance guarantees. Confirm the current seed lot, label, local agronomic recommendation and any animal-use restrictions before planting or feeding.

Technical basis: ESSeeds — Hairy Vetch Orium official product profile; Tropical Seeds — Hairy Vetch files and product-origin guidance

FIELD NOTE

Rates and performance vary with environment, seed lot and management. Scan for the current online profile and supporting resources.

SCAN FOR UPDATES

