

Crescent Sunn™

Crotalaria juncea

LEGUME · ANNUAL · WARM SEASON

PRODUCT OVERVIEW

An improved, uniform selection of *Crotalaria juncea* that establishes rapidly to build biomass, fix nitrogen and support cover-crop, soil-restoration and managed forage systems in warm climates.

WHY SHORTLIST THIS PRODUCT

- **Biological nitrogen**
As a legume, it can support biological nitrogen fixation when compatible rhizobia and sound establishment are used.
- **Targeted rotation tool**
May support selected nematode programs after the target species and local host response are confirmed.
- **Biomass production**
Vigorous growth builds residue and organic inputs when the stand is established and terminated at the right stage.
- **Managed forage**
Can support forage goals when harvest stage, animal class and local feeding guidance are considered together.

PRODUCT SNAPSHOT

CROP TYPE

Legume · Annual

SEASON / CLIMATE

Warm season

PRIMARY ROLES

Nitrogen · Nematodes · Biomass

GENERAL SOIL FIT

Well-drained soils preferred

SOIL pH

5.0–7.5 · 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
5.0–7.5 · species reference

Drilled rate
15–20 lb/ac

Broadcast rate
25–30 lb/ac

Planting depth
1–2 cm

Growth cycle
6–8 weeks

Dry biomass
5,000–7,000 lb/ac

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.

Crude protein
18–22%

Frost response
Killed by hard frost near 32°F / 0°C

Primary uses
Cover crop, green manure, soil restoration

Soil
Well-drained soils preferred

Nitrogen
Up to 200 kg/ha

Genetic origin
Improved selection from natural Thai germplasm

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: Tropical Seeds — Crotalaria juncea technical sheet; Tropical Seeds — Crescent Sunn™ selection, agronomy and development brief; University and peer-reviewed sunn hemp literature referenced in the source library

FIELD NOTE

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

SCAN FOR UPDATES

