

WHERE TO PLANT



PENNINGTON®



A WINTER ANNUAL CRIMSON CLOVER VARIETY

AU Sunrise is an improved seeded variety of crimson clover developed by the USDA-NRCS Jimmy Carter Plant Materials Center and Auburn University. AU Sunrise crimson clover (*Trifolium incarnatum* L.) is a naturalized cool season annual that was specifically bred for early maturity. AU Sunrise blooms 5 to 18 days earlier than AU Robin and 12 to 28 days earlier than Tibbee crimson clovers. AU Sunrise is well suited for fertile upland soils.

USES

- As a cool season pasture forage to improve grazing or hay quality
- As a cool season annual legume to increase the attractiveness and forage quality of wildlife food plots
- As a cool season annual legume for cover crop use and organic nitrogen production
- As an attractant and pollen source for numerous pollinator species

BENEFITS

- Produces high quality, palatable forage for all classes of livestock
- Improves forage quality and extends the number of grazing days when used to overseed warm season perennial pastures
- Increases the attractiveness and nutritional value of wildlife food plots when planted alone or in a mixture with cool season annual grasses.
- Fixes 75-150 lbs/Acre of nitrogen that can be shared with companion forages or future crops thus reducing or eliminating the need to purchase nitrogen fertilizer
- Excellent as a green manure or cover crop for conservation tillage or organic farming systems



PLANTING

RATE: For Forage & Cover Crop Production: Plant 20-25 lbs/A broadcast or 12-15 lbs/A drilled

DEPTH: Plant seed approximately ¼ - ½ inch deep

FERTILIZATION: Apply agricultural lime to raise the pH of the soil to 6.0-6.5. Apply phosphorus and potassium fertilizer per soil test recommendations. As a legume, AU Sunrise requires no commercial nitrogen fertilizer.

DATE: Winter Annual Area of production August 15 - November 1. Summer Annual Area of production May 1 through July 15 (consult your local Extension Office for specific dates for your area).

AGRONOMIC SPECIFICS

TYPE: Cool season annual legume

ADAPTATION: Similar sites to Tibbee, Dixie, and AU Robin crimson clovers. (Southeast from Georgia to Texas and southern Atlantic coastal states). Summer annual only in Northern states.

NUTRITION: 16 to 24% crude protein and total digestible nutrients (TDN) ranging from 60 to 70%. Maturity of the crop at harvest will determine individual results. Highest values will be obtained when harvested at the vegetative to 10% bloom growth stage.

SEASONAL PRODUCTION: Winter Annual Area of adaptation November through April. Summer Annual Area of adaptation May through September.



PENNINGTON