



DISEASE TOLERANCE



DROUGHT TOLERANCE



GENETIC SUPERIORITY



RAPID ESTABLISHMENT



HIGH YIELD



FAST RECOVERY



# Medium Red Clover

## Improved Soil Fertility – Enhanced Soil Structure

### Enhancing Soil Health and Crop Productivity

Medium Red Clover (*Trifolium pratense*) is a popular and versatile cover crop widely used across American farms to improve soil fertility, structure, and overall farm sustainability. This brochure outlines its seeding rates, uses, and benefits to help you make informed decisions for your cropping system.

#### USES OF MEDIUM RED CLOVER

- **Nitrogen Fixation:** Converts atmospheric nitrogen into a form usable by plants, reducing the need for synthetic fertilizers
- **Soil Erosion Control:** Dense foliage and deep roots help protect soil from water and wind erosion
- **Weed Suppression:** Vigorous growth shades out weeds, minimizing competition in subsequent crops
- **Green Manure:** Can be incorporated into soil to add organic matter and nutrients before planting the main crop
- **Pest Management:** Attracts beneficial insects and breaks pest cycles when used in rotation
- **Forage:** Provides high-quality feed for livestock, either grazed or harvested

#### KEY BENEFITS

- **Improved Soil Fertility:** Adds significant amounts of nitrogen, improving yields in following crops
- **Enhanced Soil Structure:** Root systems increase soil porosity and water infiltration
- **Reduced Input Costs:** Less need for commercial fertilizers and herbicides
- **Environmental Sustainability:** Reduces nutrient runoff and supports biodiversity
- **Flexible Fit:** Suitable for use in grain, vegetable, and forage rotations

#### ESTABLISHMENT TIPS

- Prepare a firm, weed-free seedbed for even germination.
- Ensure good seed-to-soil contact, especially when broadcasting.
- Inoculate seed with appropriate Rhizobium bacteria for maximum nitrogen fixation.
- Monitor moisture levels, particularly during establishment.

#### Conclusion

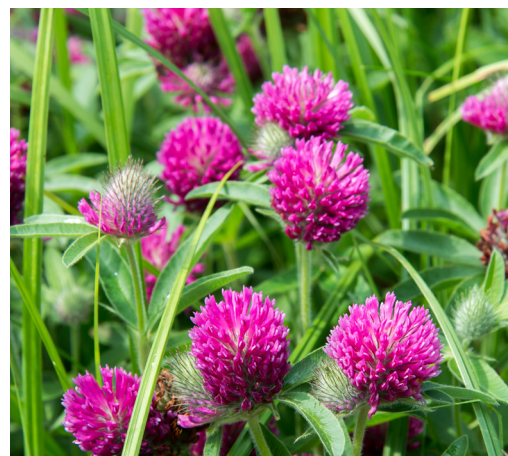
Medium Red Clover is a proven cover crop that supports productive, sustainable agriculture. Its ability to improve soil health, offer weed and erosion control, and supply valuable forage makes it a smart choice for modern farming operations.

#### Contact Us

For more information reach out to Turf Merchants, Inc. to discuss your cover crop needs and to incorporate these into your agronomic program.



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### Seeding Rates

|  |   |
|--|---|
| <b>Broadcast Seeding</b>                             | 8–12 pounds per acre  |
| <b>Drill Seeding</b>                                 | 6–10 pounds per acre  |
| <b>Mixed Seeding (with grasses or other legumes)</b> | Adjust rates to 6–8 pounds per acre, depending on companion species |
| <b>Best Planting Times</b>                           | Early spring or late summer for optimal establishment               |