



DISEASE TOLERANCE



DROUGHT TOLERANCE



GENETIC SUPERIORITY



RAPID ESTABLISHMENT



HIGH YIELD



FAST RECOVERY



Daikon Radishes

The Ultimate Cover Crop Solution

Unlock the Power of Daikon Radishes in Your Fields

Daikon radishes, also known as "tillage radish," are fast-growing root vegetables widely used as a cover crop in sustainable agriculture. Their impressive taproots break up compacted soils, improve water infiltration, and help cycle nutrients, making them an ideal choice for farmers looking to enhance soil health and crop yields.

USES OF MEDIUM RED CLOVER

- **Scientific Name:** Raphanus sativus var. longipinnatus
- **Common Name:** Daikon Radish, Tillage Radish
- **Growth Habit:** Annual, cool-season
- **Root Characteristics:** Long, thick taproot (up to 24" deep); penetrates hardpan and compacted soil

KEY BENEFITS

- Breaks up compacted soil layers
- Improves water infiltration and root penetration for subsequent crops
- Scavenges and stores nutrients, releasing them as the radish decomposes
- Suppresses weeds and reduces soil erosion
- Enhances microbial activity and organic matter
- **Residue Management:** Radish residue decomposes rapidly, leaving no hard-to-manage biomass in spring

WHY CHOOSE DAIKON RADISHES?

- **Deep Soil Conditioning:** Taproots break through hardpans and improve soil profile
- **Nutrient Management:** Efficiently capture and recycle nitrogen and other nutrients
- **Fast Growth:** Quick establishment and soil coverage in fall
- **Low Residue:** Easy management and minimal spring residue
- **Cost-Effective:** Affordable seed cost and low input requirements

Conclusion

Planting daikon radishes offers major benefits like breaking up compacted soil with deep taproots (bio-drilling), improving water infiltration and aeration, suppressing weeds, scavenging and recycling nutrients (especially nitrogen), and providing a nutritious wildlife food source. As a cover crop, they enhance soil structure and fertility, acting as a "green manure" when they decompose, reducing the need for chemical fertilizers.

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

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|---------------------------------|--|
| Seeding Rate | 8–12 lbs/acre (broadcast); 5–10 lbs/acre (drilled) |
| Seed Depth | 6–8 pounds per acre |
| Planting Time | 3–5 pounds per acre |
| Optimal Soil Temperature | 50–85°F |

Grow Smarter. Grow Daikon Radishes as Your Cover Crop!