



**Cover Crops**  
*Our Roots Run Deep*



**RYE**

Late seeding? No problem. Rye is the most winter-hardy cover crop with germination temperatures extending down to around 34°F.

It's relatively deep; fibrous roots scavenge nutrients lower in the soil profile and redistribute them closer to the surface. These roots also prevent erosion and aid in building soil organic matter. Rye has a broad range of adaptation both geographically and among soil types (infertile, sandy, acidic). Although performing best in light loam or sandy soil, certain Rye cultivars will tolerate heavy clays, poorly drained soils, and even waterlogged soils.

Overwintering using Rye after corn or before/after soybeans, fruits, and vegetables performs well. Rotationally, Rye will provide a windbreak for these crops or fill a rotation gap.

Termination should be accomplished by rolling, mowing, or herbicides. Due to its rapid growth and allelopathic properties, Rye is one of the better cover crops to help suppress weeds, especially those that show resistance/tolerance to herbicides. Unfortunately, Rye can occasionally be allelopathic to corn. To account for this, Rye should be terminated at least ten days before planting corn. If cattle are a part of the farming operation, Rye will provide up to 10,000 pounds of dry matter per acre, and will make a good forage source.

Rye is fast growing with easy establishment in the fall and early spring. When seeded ahead of soybean, it can be mixed with Rapeseed and Radish to enhance overall cover crop benefits. When planting ahead of corn, it requires additional management to avoid tying up too much nitrogen that could result in a yield loss. Yield loss can be offset by reducing the Rye seeding rate and adding legumes including vetches, clovers, or peas.

<b>BENEFIT RATINGS</b>	EROSION CONTROL	
	FORAGE QUALITY	
	NITROGEN SOURCE	
	NUTRIENT SCAVENGING	
	QUICK GROWTH	
	SOIL BUILDING	
	WEED SUPPRESSION	
	WINTER HARDINESS	
<b>PLANTING INFO</b>	SEEDING RATE LBS/A	DRILLED: 50 - 60 BROADCAST: 60 - 75 AERIAL: 75 - 90
	SEEDING DEPTH	0.75 - 2.0"
	MIN. GERM. TEMP	34 F
	INTERSEED	YES
	SEEDS/LB	18,000