



# FORAGE FIRST®

## Orion XL Ladino Clover

- Good regrowth following grazing
- Tolerates fall usage better than red clover
- Large white clover offering increased quality & protein digestability
- Easy to establish
- Superior winter hardiness
- Tolerates low pH soils

Orion XL ladino clover is excellent for pastures and hay, and is widely adapted to different climates. This variety is known for excellent stolon development and establishment, and competes well against weeds. Orion XL's large leaves are highly nutritious.

-  The XL designation represents branded products that meet the Forage First® high-quality standard. XL brands contain one or more improved varieties.
-  **Includes CrosseCoat™** - an elite platform of proven seed coating and treatments to enhance germination, establishment and survival

### SEEDING RATES (LBS/ACRE)

MONOCULTURE	4 - 6	SEEDS/LB	768,000
MIX COMPONENT	2 - 4	DEPTH (IN)	1/8 - 1/4
		EMERGENCE (DAYS)	7 - 10

### SEED INFORMATION

### CHARACTERISTICS

ESTABLISHMENT	<b>FAST</b>	PALATABILITY	<b>HIGH</b>
PERSISTENCE	<b>MED</b>	YIELD POTENTIAL	<b>MED</b>
DROUGHT TOLERANCE	<b>LOW</b>	GRAZING TOLERANCE	<b>HIGH</b>
WINTER HARDINESS	<b>MED</b>	SOIL pH	<b>6.0 - 6.5</b>

### PLANTING TIMES

SPRING PLANTING	<b>MAR - MAY</b>	LIFE CYCLE	<b>PERENNIAL</b>
FALL PLANTING	<b>AUG - OCT</b>		

### ADAPTATION

White clover thrives best in cool, moist climates on soils with ample lime, phosphate and potash. In general, white clover is best adapted to clay and silt soils in humid and irrigated areas. It grows successfully on sandy soils with a high water table or irrigated droughty soils when adequately fertilized. White clover seldom roots deeper than 2 feet, which makes it adapted to shallow soils when adequate moisture is available.

### ESTABLISHMENT

For pasture establishment, seeds are drilled into a well-prepared seedbed that has been plowed, harrowed and compacted to produce a firm seedbed. The seeds are inoculated before seeding. For stabilization use, seeds are broadcast on roadside cuts and fills by cyclone seeders, hydroseeders or blower-type equipment. The proper time of seeding is determined by seasonal and moisture conditions. This may vary from April to May. Late summer and fall seedings should be conducted while adequate moisture is still in the soil to assure establishment before freezing.

### HARVEST MANAGEMENT

Management for forage is aimed at maintaining 40 to 50% clover. Close grazing (2 inch stubble) favors clover, whereas light grazing favors grass. Well-fertilized grass will outgrow clover in fall and winter and may smother clover. Spring nitrogen applications will stimulate grass and provide early feed, but excessive rates are detrimental to clover stand. Phosphate applications are broadcast in fall or spring according to soil tests. Sulfur, boron or magnesium may be needed for maximum production on some soils in western part of clover's range.



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