



# 1<sup>st</sup> Select 1055

**HIGH YIELDS, BROAD DISEASE PROTECTION, PERSISTANCE**

## 1S-1055:

### Quick Look:

- ✓ *Selected for Increased Persistence to 4 Nematodes*
- ✓ *Resistance and/or High Resistance to 11 Major pest including 5 diseases, 2 Insects, and 4 Nematodes*
- ✓ *Dark green color medium fine stems*
- ✓ *Fall Dormancy rating: 5.0*
- ✓ *WSI: 4.1*

### Adaptation

Parent stock for the variety **1S-1055** was specially selected to meet the demands of alfalfa growers in the areas where a 5-fall dormancy is suitable. It was selected for yield and persistence and is especially well suited to areas where Verticillium wilt, Phytophthora and Nematodes threaten yield production and reduce stand life.

### Top Yield Performance

**1S-1055** has demonstrated excellent yield ability out yielding varieties like Pioneer 53V63, Pioneer 53Q63, Pioneer 54V54, Pioneer 54Q53, Forecast 1001, HybriForce 400, Rebound 4.2, Vernema, Vernal, and WL 319 HQ in Western trials.

### Quality

**1S-1055** produces dark green foliage that makes it ideal for hay. Its persistence is excellent under both normal and aggressive harvest schedules. Because **1S-1055** offers producer's broad-spectrum pest resistance and

## Broad Spectrum Pest Resistance

**1S-1055** resists Phytophthora and Verticillium wilt. These two diseases can significantly reduce production and stand life. In addition **1S-1055** has excellent resistance to Bacterial wilt, Fusarium wilt, Anthracnose, Spotted Alfalfa Aphid, Blue Alfalfa Aphid, Stem Nematode, Northern Root Knot Nematode, and Columbia Root Knot Nematode.

	BW	VW	FW	PRR	SAA	PA	SN	NRKN	CRKN	LN
<b>1ST SELECT 1055</b>	<b>HR</b>	<b>HR</b>	<b>HR</b>	<b>HR</b>	<b>R*</b>	<b>R*</b>	<b>HR</b>	<b>HR</b>	<b>HR</b>	<b>MR</b>
VERNEMA	*	MR	*	LR	*	*	HR	*	*	*
VERNAL	R	*	MR	*	*	*	*	MR	*	*
WRANGLER	R	LR	R	HR	HR	HR	*	*	*	*

\* Predicted Value