



# Surpass

## Surpass:

### Quick Look:

- ✓ High Yielding
- ✓ High Quality
- ✓ Dark green color
- ✓ Outstand Nutrient Value
- ✓ Excellent Disease & Insect resistance
- ✓ Fall Dormancy rating: 3.0

Northern hay producers have special needs and practices, including the need for high –yielding, long-standing dark green alfalfa. An alfalfa with top disease and pest resistance for both irrigated and dry land production. An alfalfa with exception plant health and winterhardiness for long-lasting stands of high quality alfalfa. Here’s why **Surpass** deserves a place in your alfalfa management program:

### *Surpass produces top yields of high quality hay*

Take a close look at **Surpass**. It looks good in the field. You can see outstanding nutrient value and high quality in **Surpass** rich, dark, green color. And what looks good in field’s, produces top yields.

### *Surpass battles disease and Insects*

**Surpass resists:** Phytophthora root rot, Verticillium wilt, Fusarium wilt, Anthracnose, and Bacterial wilt.

**Surpass** has Moderate resistance to Leaf Hopper Yellowing a **Real Important** factor for Midwest Alfalfa Producers

**Surpass** is intended for use in the northern region of the U.S. for hay, haylage, greenchop or dehy production. It has been tested in Iowa, Illinois, Idaho, Wisconsin, Michigan, and Pennsylvania.

### *Surpass improves with age...*

Exceptional disease and insect resistance combined with top winterhardiness, keep **Surpass** alfalfa producing top yields when other alfalfas start to lose their stands and yields. Producers can count on **Surpass** for long-lasting stands of hearty, high-yielding alfalfa.

This year, discover the yield and quality **Surpass** alfalfa can bring to hay production program. Count on **Surpass** for top-yielding, dark green alfalfa with the right disease and pest resistance package for Northern hay production.

YIELD PERFORMANCE OF 45 ALFALFA CULTIVARS PLANTED AND GROWN AT THE NORTHEAST RESEARCH STATION, WATERTOWN, SOUTH DAKOTA

Variety	Forage Yield (tons DM/A)							3 Year Avg.	% Relative Performance
	2 Cut Total	4 Cut Total	Cut 1 5/29	Cut 2 7/22	Cut 3 8/20	Cut 4 10/21	4 Cut Total		
<b>Surpass</b>	2.66	7.62	1.86	3.39	1.21	1.24	7.70	5.66	108
5432	2.50	7.93	1.75	2.30	1.28	1.15	6.48	5.64	108
MN 5617	2.31	7.59	1.72	2.53	1.43	1.25	6.93	5.61	107
Maxim	2.41	7.92	1.59	2.44	1.19	1.19	9.41	5.58	107
Magnum+	2.45	7.58	1.55	4.42	1.38	1.29	6.64	5.56	106
Spectrum	2.51	7.90	1.33	2.37	1.20	1.28	6.18	5.53	106
Horizon	2.50	7.65	1.52	2.48	1.20	1.17	6.37	5.51	106
DK-135	2.91	7.49	1.28	2.32	1.22	1.13	5.95	5.45	104
Sparta	2.63	7.60	1.41	2.32	1.23	1.15	6.11	5.44	104
Vernema	2.48	7.31	1.54	2.50	1.36	1.14	6.54	5.44	104