

Exceptional winterhardiness and outstanding profit potential

WL 3311HQ is building on WL 319HQ with the addition of the UltraCut™ alfalfa disease package.

WL 3311HQ Advantages

- Highly resistant to multiple races of Aphanomyces for protection during establishment and early season cool and wet soil conditions
- Highly resistant to multiple races of Anthracnose for protection during warm and humid weather conditions
- Outstanding feed value with very high leaf to stem ratio
- Highest levels of cold tolerance and winterhardiness available in the W-L lineup today
- Disease resistance index (DRI) of 40/40 and strong resistance to aphids and nematodes provides solid yield potential and long stand life across a wide range of soil types and climates
- Dark green, fine-stemmed, and highly digestible
- Fast recovery after cutting and outstanding winterhardiness allows intensive harvest management for maximum quality and yield potential with little to no sacrifices in stand life
- Salt Tolerance at germination



2020 Wisconsin Variety Demo. Photo from September 8, 2022.



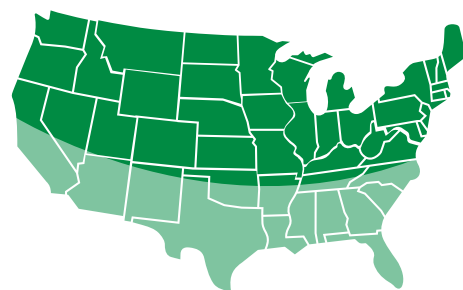
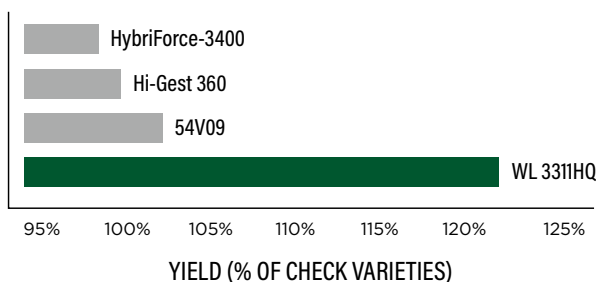
2022 Idaho Variety Demo. Photo from April 19, 2023.

| AGRONOMIC TRAITS | |
|--------------------------|-------------|
| Fall Dormancy | 3.4 |
| Winterhardiness | 1.0 |
| Maturity | Medium |
| Digestibility | Excellent |
| Recovery After Harvest | Fast |
| Standability | Excellent |
| Multileaf Expression | Very High |
| Disease Resistance Index | 40/40 |
| Salt Tolerance | Germination |

| PEST RESISTANCE TRAITS | |
|---|-----------------|
| Bacterial Wilt | High Resistance |
| Fusarium Wilt | High Resistance |
| Verticillium Wilt | High Resistance |
| Anthracnose (Race 1) | High Resistance |
| Anthracnose (Race 5) ¹ | High Resistance |
| Phytophthora Root Rot | High Resistance |
| Aphanomyces Root Rot (Race 1) | High Resistance |
| Aphanomyces Root Rot (Race 2) | High Resistance |
| Evolving Aphanomyces Strains ² | High Resistance |
| Pea Aphid | Resistance |
| Spotted Alfalfa Aphid | Resistance |
| Stem Nematode | Resistance |

WL 3311HQ Outyields the Competition in the East*

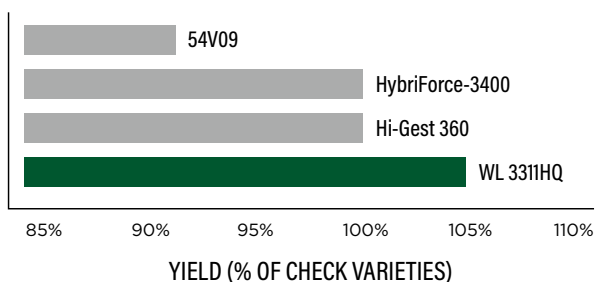
WI, PA 2018-2020



Area of Primary Adaptation

WL 3311HQ Outyields the Competition in the West*

WA, ID 2018-2020



* Results are based on controlled field trials at the listed W-L Alfalfas location. Results may vary and are dependent on factors outside of W-L Alfalfa's control, such as weather. Yield, profit and other results cannot be predicted or guaranteed by W-L Alfalfas

1 Includes Race 1 protection, along with Anthracnose Race 5 protection, which is patented by FGI.

2 Includes Race 1 and Race 2 protection. In addition, Forage Genetics International, LLC (FGI) has identified a novel source of Aphanomyces resistance in the greenhouse and field that visibly outperforms unrelated varieties on the market when grown under natural or artificial disease pressure. FGI researchers have been working cooperatively with universities collecting and testing the most virulent strains of Aphanomyces to help determine the level of resistance to this novel source.