

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

Ultracut[®] Disease Package

W-L Alfalfas with the Ultracut[®] Disease Package can provide agronomic advantages by helping protect your crop against yield-limiting and evolving Anthracnose and Aphanomyces disease strains. You could see an increase in yield with each cutting when disease threatens your alfalfa and expand the acres you're able to plant. Help grow a healthy alfalfa crop even in field conditions susceptible to Anthracnose and Aphanomyces threats with the Ultracut[®] Disease Package.



WL 3311HQ

54Q29 (Comp FD4)

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



WL 3311HQ

FD4 Variety

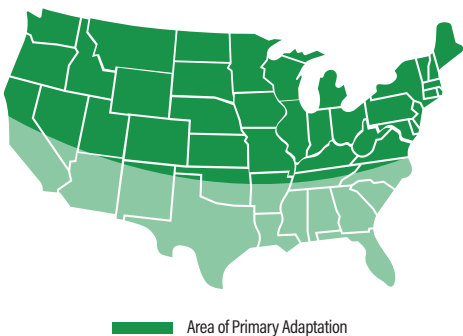
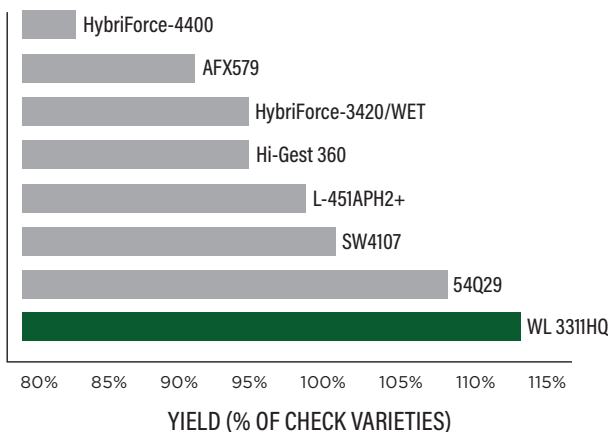
2023 Nampa, Idaho Variety Demo. Photo from May 2024.

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

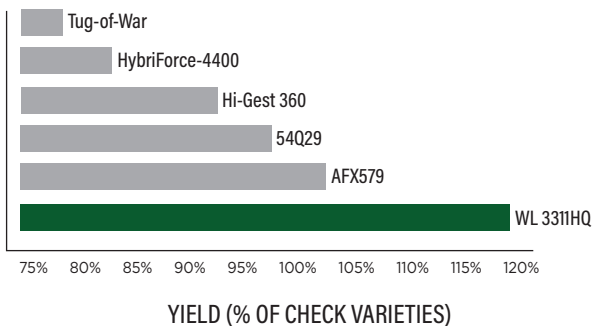
WL 3311HQ Outyields the Competition in the East*

WI 2021-2023



WL 3311HQ Outyields the Competition in the West*

ID 2023-2024



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.

* 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.