



WL 319HQ

FD3

DORMANT

EXCEPTIONAL WINTER-HARDINESS AND OUTSTANDING PROFIT POTENTIAL

Proven in university and regional tests all across the country, WL 319HQ delivers exceptional yield potential and outstanding feed value. WL 319HQ also provides producers with the highest levels of cold tolerance and winterhardiness available in the W-L lineup today. Through NIR lab testing, WL 319HQ shows strong NDFD, RFQ and milk per acre to support dairy or beef nutrition programs.

WL 319HQ Advantages

- Very high yield potential under both 3- and 4-cut harvest managements
- Group 1.3 winterhardiness and Group 2.8 fall dormancy can deliver fast recovery after cutting, high yield potential, long stand life, and excellent cold tolerance
- A perfect disease resistance index (DRI) of 30/30 and strong resistance to insects and nematodes provide for big yield potential and long stand life across a wide range of soil types and climates
- Exceptional ration economics for both dairy and beef: high forage yield potential plus high feed quality can deliver significantly greater profit potential when fed
- WL 319HQ as an FD3 provides exceptional forage quality and digestibility
- 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

HQ™

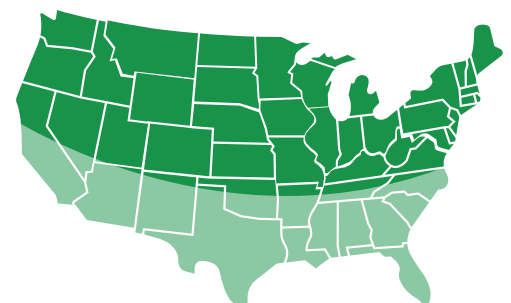
AGRONOMIC TRAITS

Maturity	Medium
Fall Dormancy	2.8
Winterhardiness	1.3
Digestibility	Excellent
Recovery After Harvest	Very Fast
Standability	Excellent
Traffic Tolerance	Very Good
Multileaf Expression	Very High
Disease Resistance Index	30/30

PEST RESISTANCE TRAITS

Bacterial Wilt	HR
Fusarium Wilt	HR
Verticillium Wilt	HR
Anthracoese (Race I)	HR
Phytophthora Root Rot	HR
Aphanomyces Root Rot (Race I)	HR
Leaf Disease	R
Pea Aphid	R
Spotted Alfalfa Aphid	R
Stem Nematode	MR

HR = HIGH RESISTANCE R = RESISTANT MR = MODERATE RESISTANCE



■ Area of Primary Adaptation

WL 319HQ Advantages*

Washington State Univ., Othello 2001	
Variety	Yield (T/A)
WL 319HQ	16.1
Pioneer® 54Q25	16.0
Vitro	15.7
HybriForce™-400	15.0
Reward II	14.5
Vernal	12.4

LSD 5% 1.15

WL 319HQ Forage Quality Analysis*

Boone, IA, 2001

Variety	CP	% IVTD
WL 319HQ	23.4	79.4
Geneva	22.6	78.1
Magnum V	21.9	76.2
Pioneer® 53Q60	21.9	78.2

La Crosse, WI, 2001

Variety	CP	% IVTD
WL 319HQ	22.3	77.1
Magnum V	20.6	75.1
Affinity +Z	21.8	75.2
Pioneer® 53Q60	21.0	74.9

Mount Joy, PA, 2001

Variety	CP	% IVTD
WL 319HQ	25.2	82.6
Geneva	25.0	82.4
Magnum V	24.3	81.6
Pioneer® 54V54	24.0	81.0

CP= Crude Protein IVTD = In Vitro True Digestibility

* Results are based on controlled field trials at the listed W-L Alfalfa 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 Alfalfa.

For more information visit WLAalfas.com.

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