

EXCEPTIONAL WINTERHARDINESS 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. And when fed to dairy or beef cattle, WL 319HQ easily beats the competition in head-to-head comparisons for palatability, digestibility, and overall profit potential.

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 yields, 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 delivers significantly greater profit potential when fed
- WL 319HQ consistently beats the competition in head-to-head digestibility and feed value comparisons (“Best In Show” winner at the World Forage Superbowl)
- 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

PENN STATE UNIVERSITY LANDISVILLE, 2001	
Variety	Yield (T/A)
WL 319HQ	12.93
HybriForce™-400	12.75
Cimarron SR	11.87
Baralfa 53HR	11.67
Pioneer® 54H9	11.56
Vernal	10.16

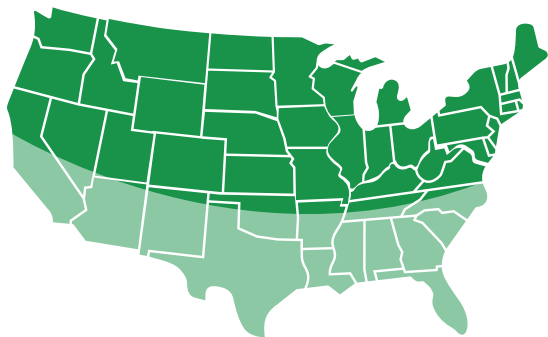
UNIVERSITY OF MINNESOTA PLAINVIEW, 2001	
Variety	Yield (T/A)
WL 319HQ	7.53
Somerset	7.40
TMF Multiplier 3	7.36
Magnum V-Wet	7.16
DK 124	7.06
Pioneer® 53Q60	6.97
Vernal	6.58

UNIVERSITY OF WISCONSIN MARSHFIELD, 2001	
Variety	Yield (T/A)
WL 319HQ	9.81
MultiPlier-3	9.62
HybriForce™-400	9.19
Pioneer® 54H9I	8.71
Oneida VR	8.47
Vernal	8.34

WASHINGTON STATE UNIVERSITY 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

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





AREA OF PRIMARY ADAPTATION

Forage Quality and Milk Economics

Boone, Iowa, 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, Wisconsin, 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

Mt. Joy, Pennsylvania, 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
*In Vitro True Digestibility

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AGRONOMIC TRAITS

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

PEST RESISTANCE TRAITS

Bacterial Wilt	HR
Fusarium Wilt	HR
Anthraxnose	HR
Phytophthora Root Rot	HR
Aphanomyces Root Rot	HR
Verticillium Wilt	HR
Leaf Disease	R
Aphids	R
Nematodes	MR
Disease Resistance Index (DRI)	30/30

HR = HIGH RESISTANCE R = RESISTANT MR = MODERATE RESISTANCE

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