

Exceptional Yield Potential and Outstanding Winterhardiness

Penn State University Rock Springs		University of Wisconsin Arlington		University of California Tulelake		University of Illinois Freeport	
Variety	Yield (T/A)	Variety	Yield (T/A)	Variety	Yield (T/A)	Variety	Yield (T/A)
WL 357HQ	6.81	WL 357HQ	8.10	WL 357HQ	4.54	WL 357HQ	11.98
Pioneer 54V46	6.70	HybriForce 420-Wet	7.97	Pioneer 54Q25	4.48	DKA33-16	10.89
HybriForce 420-Wet	6.69	4A421	7.89	LM 459WD	4.45	HybriForce 420-Wet	10.86
DKA50-18	6.58	Pioneer 54V46	7.86	SW 4A135	4.41	Pioneer 54V91	10.56
Tribute	6.47	FSG 406	7.37	Dura 512	4.40	Phirst Hybrid	10.23
Garst 6400HT	6.14	GH 707	7.33	Vernal	4.37	Garst 6325	9.86
Oneida VR	5.79	Everlast	7.00	HybriForce 420-Wet	4.34	Vernal	9.34
University of Nebraska Mead						Michigan State University East Lansing	
Variety	Yield (T/A)					Variety	Yield (T/A)
WL 357HQ	9.23					WL 357HQ	8.17
HybriForce 420-Wet	9.17					DKA33-16	8.07
Garst 6530	8.90					Pioneer 54Q25	8.01
Pioneer 54V46	8.80					HybriForce 420-Wet	7.73
Phirst Hybrid	8.72					Everlast	7.62
GH 711	8.20					Phirst Hybrid	7.51
FSG 406	7.83					Vernal	6.58

WL 357HQ

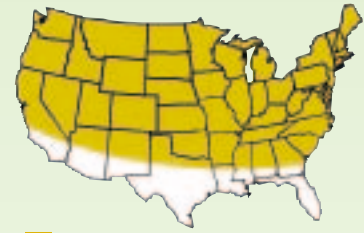
WL 357HQ Advantages:

- Superior digestibility produces more milk or beef and greater profitability when fed; WL 357HQ consistently beats the competition in head-to-head digestibility comparisons.
- Very high-yielding under 4- and 5-cut harvest managements; the highest-yielding winterhardy HQ variety released to date.
- Very winterhardy (WH=1.6); WL 357HQ delivers long stand life even under the toughest weather conditions.



- Proven ability to “hold” high feed value in the field over a longer period of time; WL 357HQ delivers higher forage quality and greater harvest flexibility with less risk of rain damage to hay and haylage when harvest is delayed.
- A “perfect” disease resistance index (DRI) of 30/30 and strong resistance to insects and nematodes produces big yields and long stand life across a wide range of soil types.
- Very fast recovery after cutting and superior standability encourages intensive harvest management; WL 357HQ produces higher yields and higher quality forage more often with less risk.
- Dark green, fine-stemmed, and highly palatable.
- Excellent early maturing companion variety to WL 319HQ.
- Very well-adapted for use in the Midwestern, Northeastern, Northwestern, and Central Plains regions of the U.S. for hay and haylage uses.

WL 357 HQ



■ Area of Primary Adaptation

Our newest winterhardy HQ (high quality-selected) alfalfa, WL 357 HQ, carries on in the great tradition set by WL 325 HQ. Very high yield potential across a wide range of soil types, outstanding winterhardiness characteristics, and unmatched forage quality and feed value potential set WL 357 HQ apart from the competition.



W-L Research

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WL 357 HQ Delivers Lower Feed Costs, Higher Profits

LaCrosse, Wisconsin

Variety	%CP	RFQ*	\$ per Acre
WL 357HQ	19.0	150	\$1,791
HybriForce-400	18.2	133	1,759
Pioneer 54V54	18.3	132	1,724
Ameristand 403T	18.9	134	1,702

WL 357HQ beat Ameristand by \$89 per acre!

Ames, Iowa

Variety	%CP	RFQ*	\$ per Acre
WL 357HQ	20.8	151	\$1,130
Garst 6415	20.2	145	1,097
HybriForce-400	20.2	138	1,083
Ameristand 403T	20.5	141	1,057
Pioneer 54V54	20.7	145	1,022

WL 357 HQ beat Pioneer 54V54 by \$108 per acre!

* Relative Forage Quality (RFQ)

Agronomic Traits

Maturity	Early
Fall Dormancy	4.7
Winterhardiness	1.6
Forage Yield Index	Very High
Digestibility/Feed Value	Superior
Persistence Index	Very High
Disease Resistance Index (DRI)	30/30
Recovery After Harvest	Very Fast
Standability	Excellent
Multileaf Expression	75%

Pest Resistance Traits

Bacterial Wilt	HR (55%)
Fusarium Wilt	HR (61%)
Anthracoze	HR (55%)
Phytophthora Root Rot	HR (58%)
Aphanomyces Root Rot	HR (56%)
Verticillium Wilt	HR (73%)
Leaf Disease	R
Aphids	R
Nematodes	R

HR = Highly Resistant R = Resistant