

WL 440HQ

FD6

SUPERIOR YIELD POTENTIAL

Our newest intermediate HQ (high quality-selected) alfalfa, WL 440HQ carries on the great tradition set by WL 442: very high yield potential, outstanding persistence, and unmatched hay quality. WL 440HQ produces outstanding per-acre profit potential when compared to the competition. With outstanding levels of resistance to all important diseases, aphids, and nematode pests, WL 440HQ is clearly a per-acre profit leader.

WL 440HQ Advantages

- Very high yield potential under 5- to 7-cut harvest managements
- Superior digestibility promotes more milk and greater profitability when fed; WL 440HQ consistently beats the competition in head-to-head digestibility comparisons
- A great choice for cash hay; WL 440HQ can deliver very high %TDN numbers across a wide range of haying conditions
- Proven ability to hold high feed value in the field over a longer period of time; WL 440HQ delivers higher forage quality and greater harvest flexibility with less risk of damage to hay and haylage when harvest is delayed
- High resistance to all major diseases, high resistance to both stem and root knot nematodes, and high resistance to all three aphid pests produces big yield potential and long stand life across a wide range of soil types and growing conditions
- Very fast recovery after cutting and superior standability encourages intensive harvest management
- Dark green, fine-stemmed, and highly palatable

WOODLAND, CALIFORNIA 2006-2007

Variety	Yield (T/A)
WL 440HQ	8.43
CW 704	8.02
Genoa	7.15
Expedition	6.98
Mountaineer 2.0	6.76
Amerimax 500	6.43

MODESTO, CALIFORNIA 2007

Variety	Yield (T/A)
WL 440HQ	7.55
Dura 512	7.31
CW 704	7.09
Amerileaf 721	6.97
HybriForce-620	6.72
Pioneer 58N57	6.53
Yosemite	6.22

WOODLAND, CALIFORNIA 2005-2007

Variety	Yield (T/A)
WL 440HQ	15.22
TruTest	14.49
CW 704	14.36
Tango	14.00
Amerileaf 721	13.92
Whitney	13.53
LM 459	13.06

MODESTO, CALIFORNIA 2006-2007

Variety	Yield (T/A)
WL 440HQ	15.21
AL 721	14.49
CW 704	12.93
Whitney	12.81
Magnum V	12.73
Tahoe	12.25
Dura 512	11.76

W-L RESEARCH

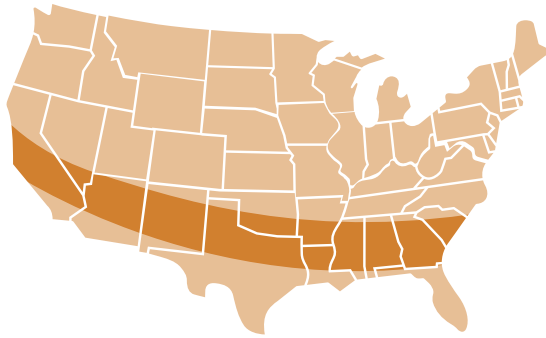
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HQ™



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AREA OF PRIMARY ADAPTATION

Exceptional yield potential and very broad adaptation make WL 440HQ the alfalfa variety of choice for dairy and cash hay producers looking to maximize both production and profit potential in their operations.

Forage Quality and Milk Economics

Woodland, California

VARIETY	% CP	RFQ*	% TDN
WL 440HQ	21.0	169	58.7
Tango	20.3	159	58.0
CW 704	20.0	152	57.3
Amerileaf 721	19.4	151	57.1
LM 459	19.1	147	56.4

*Relative Forage Quality



AGRONOMIC TRAITS

Fall Dormancy	6.0
Digestibility/Feed Value	Superior
Persistence Index	Very High
Disease Resistance Index	30/30
Tolerance to Wet Soils	Excellent
Aphid Resistance Index	15/15
Recovery After Harvest	Very Fast
Traffic Tolerance	Very Good
Standability	Excellent
Multileaf Expression	High

PEST RESISTANCE TRAITS

Bacterial Wilt	HR
Fusarium Wilt	HR
Anthraxnose	HR
Phytophthora Root Rot	HR
Verticillium Wilt	HR
Blue Alfalfa Aphid	HR
Pea Aphid	HR
Spotted Alfalfa Aphid	HR
Stem Nematode	HR
Blue Alfalfa Aphid	HR

HR - HIGH RESISTANCE

