

6453Q

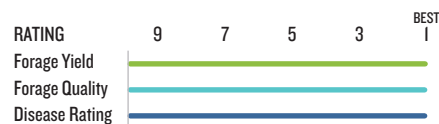
ULTRACUT® ALFALFA DISEASE PACKAGE UPS THE ANTE ON YIELD AND PERSISTENCE LEADER

- Outstanding yield potential and agronomic performance under 4 to 5-cut harvest management systems (FD=4.4) in various locations throughout dormant alfalfa use areas.
- A new day in disease resistance, 6453Q's perfect Disease Resistance Index includes the UltraCut® alfalfa disease package which offers growers the ability to help protect yield and quality potential.
- Superb winterhardiness (WH=1.6); 6453Q delivers excellent cold tolerance and persistence.
- 6453Q contains high-quality feed value levels highly desirable for dairy and cash hay producers.



ULTRA//CUT®
Alfalfa Disease Package

Fall Dormancy: 4.4 / Winter Hardiness: 1.6



Agronomic Features

Fall Growth	Fall Dormant
Stand Persistence	Excellent
Early Seedling Growth	Excellent
Drought Stress	Very Good
Recovery After Cutting	Very Fast
Forage Quality	Excellent
Salt Tolerance	Germination

Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthraco nose (Race 1)	High Resistance
Anthraco nose (Race 5) ²	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race 1)	High Resistance
Aphanomyces Root Rot (Race 2)	High Resistance
Evolving Aphanomyces Strains ¹	High Resistance
Disease Rating Index	40/40

Pest Resistance

Pea Aphid	Resistance
Spotted Alfalfa Aphid	Resistance
Stem Nematode	Resistance

Product Yield Performance: East

Product	Multi-Year % of Checks
6453Q	112
L-451APH2+	101
SW4107	101
AFX579	100
54Q29	100
HYBRIFORCE-4400	90

Data from FGI Trials in West Salem, WI from 2022-2024

Product Yield Performance: West

Product	Multi-Year % of Checks
6453Q	114
AFX579	107
SW4107	106
54Q29	103
L-451APH2+	101
HI-GEST 360	94
TUG-OF-WAR	87
HYBRIFORCE-3400	86

Data from FGI Trials in Nampa, ID from 2024

¹Includes 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.

²Includes race 1 protection, along with Anthracnose Race 5 protection, which is patented by FGI.

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