

# 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 our 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.



### Agronomic Features

Fall Growth	Dormant
Stand Persistence	Very Good
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
Anthracnose (Race 1)	High Resistance
Anthracnose (Race 5) <sup>2</sup>	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race 1)	High Resistance
Aphanomyces Root Rot (Race 2)	High Resistance
Evolving Aphanomyces Strains <sup>1</sup>	High Resistance
Disease Rating Index	40/40

### Pest Resistance

Pea Aphid	Resistance
Spotted Alfalfa Aphid	Resistance
Stem Nematode	Resistance

Fall Dormancy: 4.4 / Winter Hardiness: 1.6



### Product Yield Performance: East

Product	Multi-Year % of Checks
6453Q	113
54Q29	104
L-45IAPH2+	99
HYBRIFORCE-4400	90

Data from FGI Trials in Wisconsin and Pennsylvania from 2020-2022

### Product Yield Performance: West

Product	Multi-Year % of Checks
6453Q	107
HYBRIFORCE-3400	98

Data from FGI Trials in Washington and Idaho from 2017-2022

Product	Multi-Year % of Checks
6453Q	105
AFX 579	96
HYBRIFORCE-3400	94

Data from FGI Trials in Washington and Idaho from 2020-2022

<sup>1</sup>Includes 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.

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

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