



Alfalfa:  
**54Q14\***

Fall Dormancy **4**

### Maximizing Local Performance

\* A high-yielding winterhardy variety that has excellent disease resistance and standability to enhance the production of high quality hay or haylage. \* 54Q14 has good early spring growth for heavy first cut yields and excellent standability reducing harvest loss. \* 54Q14 maintains greater harvestable yield in delayed harvest situations.

#### Management Comments

- Plant crown and stem architecture provides improved standability and harvest-ability of quality forage when other varieties lodge
- Position on high fertility, heavily-manured fields or fields that are lodging prone
- Maintains high quality exceeding other high yield varieties in the Pioneer lineup
- Excellent disease package helps establish stands and reduce risk during the life of the stand

#### Key Environments

High Yield Environment .....	Highly Suitable
Irrigation .....	Highly Suitable
Frequent Winterkill Area .....	Highly Suitable
Lodging Prone Environments .....	Highly Suitable
Heavy PLH pressure .....	Manage Appropriately

#### Suitability

Heavy Soils with Root Rot Issues .....	Highly Suitable
Frequent cuttings .....	Suitable
High Forage Quality .....	Highly Suitable
Fast Recovery .....	Suitable
Roundup Ready .....	Manage Appropriately

#### Soils

Well-Drained Soils .....	Highly Suitable
Poorly Drained Soils .....	Highly Suitable

### Traits Scores for 54Q14\*

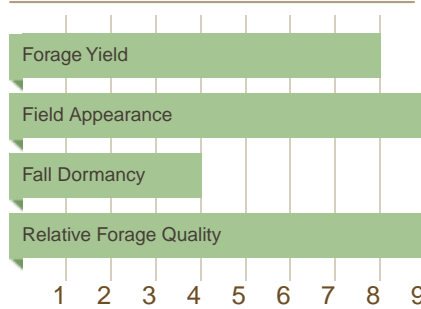
#### Characteristics Scores

Forage Yield .....	8
Field Appearance .....	9
Fall Dormancy .....	4
Winterhardiness .....	VH
Disease Resistance Index .....	33
Relative Forage Quality .....	9

#### Disease Scores

Bacterial Wilt .....	HR
Vert. Wilt .....	HR
Fusarium Wilt .....	
Phytophthora Root Rot .....	HR
Aphanomyces (Race 1) .....	HR
Aphanomyces (Race 2) .....	R
Anthraxnose .....	HR

#### Featured Traits



Disease/Pest Resistance Key: 9 = HR; 7-8 = R; 5-6 = MR; 3-4 = LR; 1-2 = S; Blank = Insufficient Data

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\* NEW

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