

PIONEER® BRAND ALFALFA



Pioneer® brand alfalfa varieties help livestock producers and hay growers produce top-end alfalfa yields and highly digestible haylage and hay.



FOR GENETICS THAT YIELD ALL STAND LONG

Pioneer brand alfalfa genetics help drive yield performance and forage quality. These elite varieties offer:

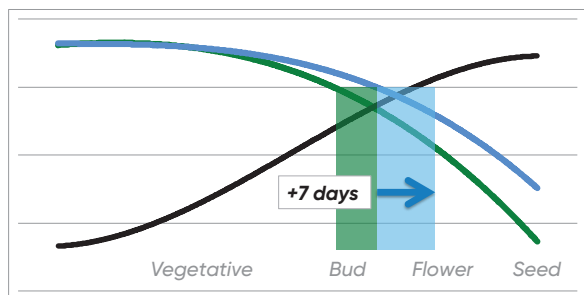
- Breeding for tough winters
- Persistence for long stand life
- Disease resistance for emergence and beyond
- Stem nematode for protecting yield
- Standability for more harvestable yield
- Technology for higher quality and harvest flexibility



FOR MORE FLEXIBILITY AT HARVEST



Pioneer brand alfalfa varieties with HarvXtra® technology help producers achieve high-quality hay and forage no matter when they cut. This means:



■ Alfalfa varieties w/ HarvXtra® technology ■ Conventional varieties ■ Yield

- **Better quality, every cut:** Whatever the harvest timing, relative forage quality is 10-15 percent higher than varieties without HarvXtra® technology cut at the same time.
- **Delayed cuts, one less cut:** Harvest can be delayed by 7-10 days for increased tonnage without sacrificing quality. Fewer total cuts may increase stand life.
- **Clean fields, higher yields:** Early season weed control means first-year yields and quality.

The **Technology Value Calculator** allows you to customize calculations based on your operation's unique needs. Utilize this valuable tool at Pioneer.com/HarvXtra.

FOR 35% MORE ACRES FROM EVERY BAG

- Properly calibrated seeding rates can reduce seed and technology costs
- Planting 60–80 seeds per square foot can maximize yield for the life of the stand
- Pioneer Premium Seed Treatment offering with 9% light seed coat protected with Apron XL® fungicide seed treatment, inoculated with Nitragin Gold® rhizobia

PIONEER® BRAND ALFALFA	
9%	light-coat as delivered in the bag
60	seeds/ft ² seeding rate target
15	lbs/acre out-of-bag seeding rate
3.4	acres/bag acres planted per bag
\$300	variety cost
\$85	per acre

VS

COMPETITOR	
34%	heavy-coat as delivered in the bag
60	seeds/ft ² seeding rate target
20	lbs/acre out-of-bag seeding rate
2.5	acres/bag acres planted per bag
\$300	variety cost
\$120	per acre

Calculations for 220,000 alfalfa seeds/lb; 90% germination including hard seed; based on a 50-lb bag; costs rounded to nearest \$5

The **Alfalfa Seed Cost Calculator** is available at <https://www.pioneer.com/us/tools-services/calculate-alfalfa-savings.html>. Customize the calculator to your operation and see a cost comparison right on the screen.

FOR EVERY SQUARE FOOT

PLANT

60–80 seeds every square foot

High seed count at planting increases stand performance

60 seeds/ft ² 15 lbs/A*	80 seeds/ft ² 19 lbs/A*
---------------------------------------	---------------------------------------

GROW

5–15 plants every square foot

More healthy plants drive higher yield

Year 2 [^] 10–15 plants	Year 3–4 [^] 5+ plants
-------------------------------------	------------------------------------

COUNT

50 stems every square foot

More stems per square foot means greater yield potential

50+ stems 90+% yield	30–40 stems 60% yield
-------------------------	--------------------------

* For 9% light-coat seed

[^] Year 1 is establishment year



MAXIMIZE THE PERFORMANCE OF YOUR ALFALFA

with Pioneer® brand inoculants, designed to get more mileage from your alfalfa silage crops. **Pioneer® inoculant 11H50** is an alfalfa silage inoculant designed to speed up fermentation, reduce protein degradation and improve dry matter recovery.



The foregoing is provided for informational use only. Please contact your Pioneer sales professional for information and suggestions specific to your operation. Product performance is variable and depends on many factors such as moisture and heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. Individual results may vary.

HarvXtra® is a registered trademark of Forage Genetics International, LLC. HarvXtra® alfalfa with Roundup Ready® technology is enabled with technology from The Samuel Roberts Nobel Foundation, Inc. Genuity® and Roundup Ready® are registered trademarks used under license from Monsanto Company.



Do not export Pioneer® brand alfalfa seed or crops containing Genuity® Roundup Ready® technology including hay or hay products, to China

pending import approval. In addition, due to the unique cropping practices, do not plant this product in Imperial County, California.

Always Read and Follow Pesticide Label Directions. Alfalfa with the Genuity® Roundup Ready® technology provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions. Glyphosate agricultural herbicides will kill crops that are not tolerant to glyphosate. **ACCIDENTAL APPLICATION OF INCOMPATIBLE HERBICIDES TO THIS VARIETY COULD RESULT IN TOTAL CROP LOSS.**

Pioneer® brand products are provided subject to the terms and conditions of purchase which are part of the labeling and purchase documents.™ © Trademarks of Corteva Agriscience and its affiliated companies. © 2021 Corteva. 21D-1266