

Hybri-Force 4400

Developed using msSunstra Hybrid Alfalfa technology. 6.9% higher yields against competitors in side by side comparisons. An outstanding yield potential in the establishment year. A racehorse style of hybrid alfalfa with excellent disease protection.

Features & Benefits

- *Broadly adaptive, excels in a wide range of environments
- *Tall, dense, leafy hybrid alfalfa with fine stems
- *Excellent winter survival
- *Resistant to Aphanomyces Race

HybriForce
GEN-4 HYBRID ALFALFA

Hybri-Force 4420-Wet

Gen-4 hybrid alfalfa using msSunstra Hybrid Alfalfa technology. The best branch-root alfalfa for tough establishment in wet soils. Exhibits unique ability to modify root structure to match conditions. Outstanding yield potential in the seeding year.

Features & Benefits

- *Raises the yield potential for wet soils
- *Tall, dense, leafy hybrid alfalfa with fine stems
- *Highly resistant to Aphanomyces root rot race 1&2
- *Excellent 35/35 disease resistance rating

HybriForce
GEN-4 HYBRID ALFALFA

HybriForce 3600

Developed using Gen-3 msSunstra Hybrid Alfalfa technology. 5% higher yields than HybriForce 2600 in head to head trials. Very strong yield performances over the life of the stand.

Features & Benefits

- *Early seedling growth with spring vigor and excellent summer re-growth
- *Excellent pest resistance

HybriForce Alfalfa

HybriForce alfalfas are developed similarly to corn where the first generation cross between two unique parents are put in the bag on the farm providing the extra level of performance. The first generation alfalfa was released in 2001. We are now into the 4th generation hybrid.

Key attributes of hybrid alfalfa:

- *Excellent combination of forage yield and forage quality
- *Hybrids establish extremely well
- *Seeding vigor provides uniform stands, leaving little room for weeds to establish
- *Excellent leaf retention
- *Fine stems of hybrids dry down better than large stemmed varieties

Hybri-Force 3400

HybriForce-3400 is the third generation of hybrid alfalfa using msSunstra® Hybrid Alfalfa Technology! It delivers a 4% forage yield advantage over the high forage yielding second generation hybrids. HybriForce-3400 exhibits aggressive regrowth and fine stems which deliver consistent high quality forage and a dense attractive bale.

Features & Benefits

- *Aggressive seedling vigor for rapid stand establishment
- *Fine stem forage for highly palatable feed
- *Drought tolerant, more forage production under water limitations
- *Excellent disease resistance
- *Available in organic

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ALFALFA VARIETIES



Buffalo
BRAND SEED

GREELEY, COLORADO

Magnum 8

Magnum 8, a tall, showy, eye-catching variety with a dense canopy of dark green leaves. Magnum 8 continues the tradition of establishment vigor, high yield potential, forage quality and persistence. Magnum 8 offers resistance to the major alfalfa diseases including Aphanomyces Root Rot (Race 2).

Features & Benefits

- *Fine stemmed alfalfa with a tap root
- *Highly digestible forage resulting in high RFQ scores

Magnum 7

A favorite of western commercial hay growers and northeast dairymen. Magnum 7 takes the yield potential of the Magnum family while providing excellent quality forage. With an outstanding disease package, Magnum 7 offers resistance to the six major alfalfa diseases including nematodes. It is quickly establishing an excellent track record of forage yield performance in university trials.

Features & Benefits

- *High yield potential
- *Resistance to Race 2 Aphanomyces
- *Fall Dormancy 4

Magnum Salt II

Salt tolerant Alfalfa! Magnum Salt has been successfully used to reclaim productivity of some saline fields and competes against weeds. Selected and bred from saline soils in North Dakota, Magnum Salt has a high forage yield potential and exhibits a high level of the branch rooted trait. It also delivers a package of disease, insect and nematode resistance.

Features & Benefits

- *Good forage yields
- *Tolerance to salty soils
- *Excellent for poorly drained soils
- *Fall Dormancy 4

X-Force 5400

A new generation of varieties that utilize several technologies to achieve a new level of performance. Hybrid technology, heterosis among extremely diverse germplasm pools, extensive progeny testing yield trial program and drone imagery combines to form a new level of genetic gain. This combination of technologies allows traits to be combined and provide yield resiliency and stability across environments and weather extremes.

Features & Benefits

- *Excellent 35/35 disease resistance
- *Very good forage quality when managed aggressively
- *Superior winter survival

X-Force

AFX 457

Carries the complete package for high yield potential, persistence and forage quality when establishing and growing alfalfa on high EC field or using high EC irrigation water. Adapted to all areas of the Great Plains and Intermountain West where salinity will limit the production of dairy quality hay. Aggressive growth for rapid stand establishment with or without salinity.

Features & Benefits

- *No yield drag on non-saline soils
- *Medium plants with large, medium green leaves

Hi-Salt
SALINITY TOLERANT ALFALFA

Other public alfalfa varieties available

- * Northern Origin
- * Vernal
- * Ranger
- * Ladak
- * Rhizoma (creeping type)
- * Lahontan

**All Alfalfa Seeding Rates are 15-20 lbs. per acre

Ameristand 457 TQ RR

Ameristand 457 TQ RR an excellent Traffic Tested® Alfalfa has a superior disease resistance index of 35/35. This is an excellent choice to maximize forage production and profitability while reaping the benefits of the Genuity® Roundup Ready® weed control system.

Features & Benefits

- *Excellent forage quality for optimal animal performance.
- *Very fast recovery for frequent harvest schedules, 4-5 cuttings a season.
- * Winter hardiness 1.8 and fall dormancy 4.2
- *Monsanto tech fees will be applied

Roundup Ready
TECHNOLOGY

Ameristand 480 HVXRR

Ameristand 480 HVXRR, HarvXtra® Alfalfa with Roundup Ready Technology is the industry's first genetically enhanced alfalfa developed to maximize quality. HarvXtra® Alfalfa gives growers cutting flexibility, improved forage quality and greater yield.

Features & Benefits

- *Alfalfa stacked with the Roundup Ready Technology for unsurpassed weed control
- *High Resistance to anthracnose, bacterial wilt, Phytophthora Root Rot, Verticillium wilt, Fusarium wilt and Aphanomyces root rot
- *Monsanto tech fees will be applied

HARVXTRA
TECHNOLOGY
Roundup Ready
TECHNOLOGY

Hytons Brand

Hytons is a blend of quality alfalfas that are adaptable to a variety of conditions. Hytons is an economical, multi-purpose blend.

Features & Benefits

- *Handles a wide range of soil types
- *Contains only premium type varieties
- *Blended alfalfa, take advantage of each variety's strengths
- *Economical
- *Fall Dormancy 4