

Alfalfa Product Profile Sheet

HybriForce-420/Wet Alfalfa



HybriForce-420/Wet is the first branch rooted hybrid alfalfa designed for saturated soils. It has been developed through Dairyland's exclusive patented msSunstra® Hybrid Alfalfa Technology. It combines high forage yield with a prolific branched root system that allows



HybriForce-420/Wet to persist and be productive in both wet and well-drained soils. It provides a significant advantage in saturated soils.

The genetically designed root system of **HybriForce-420/Wet** expresses a higher degree of the branched root trait. This prolific branch root trait helps keep more of the root system above the water table and better anchors the plant in the ground when freezing and thawing occurs. The branched root trait will adjust with more lateral roots as moisture stresses intensify. In soils that are well drained, **HybriForce-420/Wet's** root system will be predominantly taproot.

HybriForce-420/Wet's strengths include its aggressive forage yield capabilities, high forage quality, distinctive rapid regrowth after harvest with excellent winter survival abilities and solid persistence. Its fine stems contribute to it being 7% drier in on-farm strip results. First in a Cornell University trial at Chazy for plant survival after severe winterkill.

HYBRIFORCE-420/WET Agronomic Traits

Bacterial Wilt.....	HR	Spotted Alfalfa Aphid	R
Fusarium Wilt.....	HR	Pea Aphid	R
Phytophthora Root Rot	HR	Saline Soils.....	Tolerant**
Anthracnose (Race 1).....	R	Winter Survival.....	1.9
Verticillium Wilt	R	Fall Dormancy.....	4
Aphanomyces Root Rot (Race 1) R		DRI	27
Stem Nematode.....	HR	Root Type	Branch (60%)
Northern Root knot Nematode.....	HR		Tap (40%)

**Forage yield production under irrigation with saline water.

