

SW8421S

SW8421S is a non-dormant FD8 variety that produces high yields of high-quality hay. Bred under very saline conditions, it has the ability to maintain much of its high yield potential even in saline production situations. SW8421S is a strong choice for fields with salinity build-up.

Agronomic Traits

- Salt Tolerant
- Fall Dormancy: 8
- Yield: 9



Key Advantages

- Highest-yielding salt tolerant variety in multiple University trials
- A strong choice for fields that contain slick or sodic soils, and also for situations where deficit irrigation could lead to salinity build-up
- Using irrigation water with an Electrical Conductivity (EC) rating of 15 (very salty water), SW 8421S out-produced both the standard salinity check entry (AZ-90NDC-ST) and Salado by 39% and 32% respectively in University of Arizona salinity trials at Tucson
- Produced 18% more hay than CUF 101 in the UC trials in Fresno County, California and 17% more than CUF 101 in Tucson, Arizona Alfalfa growth is erect with rapid recovery after cutting
- Stand persistence at the end of 3 year trial in Tucson, Arizona was 96%, compared to CUF 101 variety at 61%

PEST RESISTANCE	HR	R	MR	LR
Bacterial Wilt	•			
Verticillium Wilt	--UNDETERMINED--			
Fusarium Wilt	•			
Anthracoese	--UNDETERMINED--			
Phytophthora Root Rot		•		
Spotted Alfalfa Aphid	•	•		
Pea Aphid		•		
Blue Alfalfa Aphid		•		
S. Root Knot Nematode				
Stem Nematode	--UNDETERMINED--			

HR = High Resistance
R = Resistant
MR = Moderate Resistance
LR = Low Resistance



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