

# 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	•			
Anthraco	--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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720.506.9191  
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