



# "Bullseye Alfalfa"

FD = 4                      **High Yield**                      WSI = 3.1  
**High Quality**  
**Nematode Resistant**

## **New Salt Tolerance Rating**

- **New Data!!** Bullseye has significantly better germination under salt stress than conventional alfalfa varieties
- **Better germination** levels than the National standardized salt resistant check varieties (University of Arizona data)
- **Bullseye has significantly better germination under salt stress than the following dormant varieties:**
  - Ameristand 403T                      • Rambler                      • Affinity +Z
  - WL 325 HQ                      • Saranac                      • Vernal
- **First Dormant (FD=4) alfalfa variety with a Salt Tolerant rating for improved germination in saline conditions**

## **Recommended Use Areas**

• Bullseye is an excellent variety for alfalfa production areas where increasing salt levels are starting to limit stand establishment and/or reduce forage yields. The conventional salt stress level for alfalfa is  $EC > 4$ , with an associated 7-8% forage yield reduction for each additional point increase over 4. New data indicates that Bullseye's history of selection for salt tolerance has improved that threshold level. **New University trials has shown that Bullseye has 2 to 3 times better germination under salt stress than other conventional varieties in its dormancy.**

## **CAUTION! Variety Limits**

• No alfalfa variety will tolerate **extreme** salt levels. **However**, Bullseye's improved salt tolerance when combined with sound management practices should allow the alfalfa producer to improve his initial stands and expand the productive range of the marginal fields on his farm.

**<http://www.targetseed.com>**

**Toll Free: 1-866-400-6434**

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## Germination Under Salt Stress

Saline Water Concen-

% NaCl

Salt Stress

High Salt

Entry	1.00	1.25	1.50	1.75	2.00
<b>BULLSEYE</b>	<b>94.74</b>	<b>77.14</b>	<b>17.50</b>	<b>7.50</b>	<b>0.00</b>
AM 403T	79.49	39.02	14.29	0.00	0.00
WL 325HQ	70.45	33.33	6.52	0.00	0.00
AFFINITY +Z	56.67	24.44	4.17	0.00	0.00
VERNAL	2.56	6.67	0.00	0.00	0.00
LSD 0.5	7.29	9.81	9.65	10.18	10.93

Germination under Salt Stress  
Dec. 2005 (Univ. of Arizona)

