

# Specialty Grasses

**Fults**  
*Puccinellia distans* Alkaligrass

Excellent Salt and High pH Tolerance

**SALT  
TOLERANCE**

- ✓ Ideal for golf fairway and rough mixtures or landscape areas with saline and high pH native soils
- ✓ Dark green color with good turf density
- ✓ Ideal for effluent or reclaimed water use
- ✓ Adds "salt insurance" to mixtures where de-icing salts are used



Fults (left) versus Weeping Lovegrass

**JACKLIN**  
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by **Simplot**

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**Agromomic Characteristics:** **Fults** Alkaligrass (*Puccinellia distans*) is a versatile product which can be used in mixtures at a mowing height of 0.5 in. (1.3 cm) for dense and upright fairways with exceptional playability, or can be mown to 2 in. (5 cm) for use in golf course roughs or landscapes and home lawns.

**Fults** mixes well with fine fescues and bluegrasses for an extra fine turf. **Fults** can also be left unmown for aesthetic effects as a native grass in deep roughs and waste areas or for roadside use. **Fults** is a low-growing bunch-type grass. Maximum unmown height is 12-16 in. (30-42 cm). Plants are leafy and the leaves are narrow. Seedheads are semi-prostrate, feathery and have a pleasant tan appearance. The turfgrass color is dark green which becomes more rich on alkaline soils.

**Salt Tolerance:** **Fults** is the most salt-tolerant cool-season turfgrass available. It originated on a Colorado golf course where it dominated salty areas of the fairways. It has been seeded in roadside trials in Wisconsin, Iowa and Illinois, and has shown excellent persistence in salty areas where even tall fescue failed to survive. In California, **Fults** established in a salty area of a city park where other turfgrasses failed to establish, despite repeated seedings. The salt tolerance of **Fults** has been measured in controlled growth chamber and greenhouse experiments. Under these conditions, it has survived high salt levels of 30 dS/m compared to Kentucky bluegrass and tall fescue, which generally die at 5 to 15 dS.

**Highway Right-of-Ways and Boulevards:** **Fults** is excellent for roadside stabilization and ground cover mixtures wherever a salt hazard exists. Because **Fults** is compatible with most other grasses and legumes commonly used in roadside mixtures, it can be included in established formulas. **Fults** will dominate the high salt areas, but will become less aggressive as the salt concentration decreases. On neutral to acid soil, **Fults** will be crowded out by better adapted grasses such as tall fescue, smooth brome grass or Kentucky bluegrass.

**Seeding Rate:**

For turf areas: 2-3 lbs. per 1,000 ft.<sup>2</sup> (10-15g/m<sup>2</sup>)  
For ground cover: 20-40 lbs./acre (22-45 kg/ha)  
For mixtures, include 20% **Fults**.



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