

FOUNDATION APR ALFALA

The Crop

Foundation APR is highly resistant to Aphanomyces Race 2. Aphanomyces root rot dramatically reduces alfalfa vigour and yields. There are many slowly drained fields in Canada and the US that show symptoms of this soil-borne alfalfa disease. Aphanomyces can be managed by the use of the Race 2 resistant “Foundation APR” alfalfa variety, now available from Imperial Seeds.

Aphanomyces root rot is caused by the fungus-like pathogen Aphanomyces euteiches. Similar to phytophthora root rot (Phytophthora medicaginis), it is considered a major cause of disease in alfalfa seedlings, particularly in wet, saturated, poorly drained soil conditions. Aphanomyces root infection subsequently causes the aboveground symptoms of stunting and yellowing of surviving established alfalfa plants. While phytophthora tends to kill seedlings more quickly and extensively, aphanomyces is considered more chronic. Aphanomyces is less likely to cause seedling death, but more likely to result in stunted, low yielding alfalfa crops.

Features

- Excellent performance in poorly drained soils
- Early-medium maturity
- Superior digestibility
- Fast recovery
- Multifoliate, fine stemmed
- Excellent persistence and winter hardiness rating
- Fall dormancy rating: 4.0
- Winter hardiness index: 1.6

Agronomic Traits

- Anthracnose HR
- Aphanomyces Race 2 HR
- Phytophthora HR
- Verticillium Wilt HR

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