

**FSM  
Brand**

# Fowler Seed Marketing

*Serving Your Seed Needs Since 1995!*

## FSM Brand 450-ORG Alfalfa

FSM Brand 450-ORG alfalfa is a very productive, *certified organic* variety. Resistance to common diseases and excellent forage quality makes **450-ORG** a top choice for certified organic producers.

### Agronomic & Performance Characteristics

|                        |                   |                   |                  |
|------------------------|-------------------|-------------------|------------------|
| Bacterial Wilt:        | Resistant         | Yield:            | 9.0 (10=best)    |
| Fusarium Wilt:         | Resistant         | Forage Quality:   | 9.0 (10=best)    |
| Phytophthora Root Rot: | Resistant         | Fall Dormancy:    | 3.6 (1=earliest) |
| Anthracoze:            | Resistant         | Winter Survival:  | 2.0 (1=highest)  |
| Verticillium Wilt:     | Resistant         | Cutting recovery: | 9.0 (10=best)    |
| Development:           | Certified Organic | Seeding Rate:     | 15-20#/acre      |

**FSM 450-ORG** certified organic alfalfa performs well in continental Europe. We think this variety will stay dormant through our winters protecting against winter kill. Upon breaking dormancy, we



expect it to perform competitively in both yield and quality over the course of the harvest season. **450-ORG** is new to Ohio but has shown very good field tolerance to many common diseases in Europe, including Verticillium wilt and Sclerotinia root rot, that can reduce yields of less resistant varieties. **450-ORG** is well adapted to a wide range of soils throughout Ohio with moderate to good drainage and adequate fertility. Proper rhizobium inoculation and seedling protection are highly recommended to be applied to the seed. We strongly recommend applying **Myco-Seed Treat** and **Rhizobium** to both inoculate and get the seedlings off to a healthy start. For best results, drill 15 to 20 pounds of seed 1/4 to 1/2 inch deep into a firm seed bed. Including 10 to 50% of high quality FSM Brand organic grass, can increase the digestible energy of the forage. Fertilizer requirements for alfalfa include adequate calcium, phosphorous & potassium. FSM recommends using our **BioEnhanced Alfalfa Fertility Program** to supply balanced nutrition throughout the growing season while maximizing forage quality and mineral availability. This variety is well adapted to an aggressive 28 to 30 day cutting schedule. We recommend delaying cuttings to be made after September 1st until after a killing frost.

FSM Brand 450-ORG should be inoculated with **Myco-Seed Treat Rhizobium** before planting at a rate of 4oz per 50# of seed.

Use our **BioEnhanced Alfalfa Fertility Program** to supply balanced nutrition throughout the growing season, including, essential calcium, phosphorus, and potassium.

**FSM Brand 450-ORG Organic Alfalfa is Certified Organic by NICS.**

Fowler Seed Marketing  
Rock Creek, Ohio

1995-2015  
Celebrating 20 Years!

(888)249-SEED  
www.fowlerseed.com

certified organic

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