



FELOVIA

Hybrid Fescue (4n)

Festulolium

Things to know

With Felovia for the first time a breeding of hybrid fescue from Agroscope has approved. After the original crossing between the tetraploid forms of meadow fescue and italian ryegrass, the descendances were backcrossed several times with different kinds of ryegrass. Therefore, the plants of Felovia bear a close resemblance to hybrid ryegrass. As the exclusive variety of hybrid fescue, Felovia disposes of an acceptable resistance against bacterial wilt. Though, it couldn't exceed in any important feature the other hybrid ryegrasses in the official variety trial in which it was tested with.

Descent

Base material

Selection within breeding material of ART Reckenholz, tracing back on crossings between F1 *F. arundinacea* x 2x *Lolium multiflorum* on one hand and 4x *Lolium multiflorum* and hybridum on the other side.

MO seed

Row trial 1998 (FL9805) with seed harvest of 9 clone progenies from a polycross with 13 clones.

Literature

Suter D., Briner H.-U., Mosimann E., Demenga M., Jeangros B., 2007. Offizielle Sortenversuche mit x*Festulolium braunii*. Agrarforschung 14(7), 294-299

National listing

Situation in Switzerland

Not on the List of Recommended Varieties of Forage Plants

Situation abroad

Agronomic characteristics

Results of the official Swiss variety trials 2004-2006 (Suter et al.) (Vergleichssorten = L.h.)

	FELOVIA	Mean
Yield	4.4	2.9
Juvenile growth	3.2	2.6
General impression	4.9	4.7
Competing ability	4.2	3.9
Persistence	7.0	6.0
Resistance to leafspots an rust	3.6	3.2
Resistance to bacterial wilt	2.3	1.6
Resistance to winter conditions	5.9	6.2
Digestibility of the organic matter	6.0	6.2
Persistence at higher altitudes	6.9	7.0
Index (weighted average of all notes)	5.0	4.6
Scoring scale	1 = very good; 5 = medium; 9 = very poor	
Yield	Mean of 5 experimental sites over 2 years	
Mean	Mean value of standard varieties	

Description according to UPOV guidelines

DUS test conducted at Scharnhorst, BSA (DE), 2007-2008

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
2	Plant: growth habit	intermediate to semi-prostrate	6
3	Tendency to form inflorescences (without vernalization)	medium to strong	6
5	Leaf: color in the year of sowing	medium green to dark green	6
7	Plant: natural height in spring	tall to very tall	8
8	Time of inflorescence emergence (after vernalization)	medium to late	6
10	Flag leaf: length	medium to long	6

