



PREVAL

Meadow Fescue (2n)

Festuca pratensis Hudson

Things to know

PREVAL, a cultivar bred by the Federal Research Station RAC in Changins, combines good yield performances with adequate resistance to diseases. The performance of PREVAL convinced in official variety trials in several European countries. The large possible market area favours the seed production. PREVAL is therefore available for the Swiss market in sufficient amounts.

Descent

Base material

Ecotypes from Switzerland and France mostly 9 clones up to 4 times selected on resistance to bacterial wilt as well as the variety PREFEST.

MO seed

Polycross with 16 clones.

Literature

Suter D., Frick R., Hirschi H.-U., 2011. Sortenprüfung Wiesenschwingel: Bewährungsprobe für alt und neu. Agrarforschung Schweiz 2(6), 258-263

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

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 1993

Situation abroad

FR (Representative: Semences Vertes)
DE (Representative: Zelder, Gennep)
NL, CZ, LU

Agronomic characteristics

Results of the official Swiss variety trials 2008-2010 (Suter et.al.)

	PREVAL	Mean
Yield	4.1	4.6
General impression	3.1	3.3
Juvenile growth	2.4	3.1
Competing ability	3.6	4.0
Persistence	2.8	3.2
Resistance to winter conditions	4.9	4.9
Resistance to leafspots and rust	3.0	3.1
Digestibility of the organic matter	5.7	5.3
Persistence at higher altitudes	3.4	3.9
Index (weighted average of all notes)	3.7	4.0

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), 1996-1998

UPOV No	Characteristics	State of expression	Note
1	Ploidy		2
2	Leaf: color in the year of sowing	medium green	5
4	Plant: growth habit	intermediate	5
6	Time of inflorescence emergence (after vernalization)	early to medium	4
9	Flag leaf: length	medium to long	6
10	Flag leaf: width	medium to wide	6
11	Stem: length of longest stem including inflorescence	medium to long	6

