



PRADEL

Meadow Fescue (2n)

Festuca pratensis Hudson

Things to know

PRADEL is a cultivar evolving from the breeding material of the Federal Research Station RAC in Changins which was further developed over years. Generations of selections under artificial pressure of infection confer a high resistance to bacterial wilt on it. PRADEL remains thereby competitive in the crop in summertime, while other varieties of meadow fescue suffer from the competition of the other partners in the mixture. The excellent results of PRADEL in the official Swiss variety trials were also confirmed in Germany, the most important area of meadow fescue cultivation.

Descent

Base material

Ecotypes from Switzerland and France as well as the variety PREFEST and S. 215, mostly (8 clones) selected on resistance to bacterial wilt up to 6 times.

MO seed

Polycross with 15 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 1998

Situation abroad

DE (Representative: Barenbrug)
AT, PL, CZ, JP, LU, NL, SK

Agronomic characteristics

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

	PRADEL	Mean
Yield	4.4	4.6
General impression	3.5	3.3
Juvenile growth	3.7	3.1
Competing ability	4.1	4.0
Persistence	3.5	3.2
Resistance to winter conditions	4.8	4.9
Resistance to leafspots and rust	3.3	3.1
Digestibility of the organic matter	5.7	5.3
Persistence at higher altitudes	4.2	3.9
Index (weighted average of all notes)	4.2	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), 2007-2009

UPOV No	Characteristics	State of expression	Note
1	Ploidy		2
2	Plant: growth habit	intermediate to semi-prostrate	6
4	Leaf: color in the year of sowing	medium green to dark green	6
6	Tendency to form inflorescences (without vernalization)	weak	3
8	Time of inflorescence emergence (after vernalization)	medium	5
11	Stem: length of longest stem including inflorescence	medium	5
12	Flag leaf: width	medium	5

