



PARADISIA

Meadow Fescue (2n)

Festuca pratensis Hudson

Things to know

The agronomic characteristics of Paradisia are the result of a long lasting selection within the breeding material of meadow fescue of the RAC Changins. Paradisia shows a very strong resistance against leaf diseases, in particular against rust and bacterial wilt. In the Swiss assortment, Paradisia achieves the highest marks for the value of use at higher altitude.

Descent

Base material

Breeding material of RAC in Changins, selected on resistance against bacterial wilt

M0 seed

Polycross with 12 clones (E368B)

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., 2004. Sortenversuche mit Wiesenschwingel und Rotschwingel. Agrarforschung 11(7), 274-279

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2007

Situation abroad

FR (Representative: Semences Vertes)

Agronomic characteristics

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

	PARADISIA	Mean
Yield	4.7	4.6
General impression	3.2	3.3
Juvenile growth	3.2	3.1
Competing ability	3.5	4.0
Persistence	3.3	3.2
Resistance to winter conditions	5.1	4.9
Resistance to leafspots and rust	2.9	3.1
Digestibility of the organic matter	5.3	5.3
Persistence at higher altitudes	3.8	3.9
Index (weighted average of all notes)	3.9	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), 2004-2006

UPOV No	Characteristics	State of expression	Note
1	Ploidy		2
2	Plant: growth habit	intermediate to semi-prostrate	6
4	Leaf: intensity of green color	medium to dark	6
8	Time of inflorescence emergence (after vernalization)	medium	5
11	Stem: length of longest stem including inflorescence	medium	5
12	Flag leaf: width	medium to wide	6
14	Flag leaf: length	medium	5

