



RABIOSA

Italian Ryegrass (2n)

Lolium multiflorum Lam.

Organic bred variety with Bioverita label

Things to know

Rabiosa originates from ecotypes collected in intensively managed meadows from diverse altitudes in Switzerland and shows a similar maturity to the variety Tigris. High resistances against leaf diseases and, especially, bacterial wilt mediate high yields of healthy forage over three years of use to this variety. Selection of components building up the variety was performed under conditions of organic farming and Rabiosa is the first variety from the Agrosocpe forage crops breeding program being certified with the Bioverita label.

Descent

Base material

Selection over 4 generations within breeding material tracing back to Swiss ecotypes.

M0 seed

Row trial 2005 (LI0505) with 7 clone progenies from a polycross with 11 clones.

Literature

Suter D., Frick R., Hirschi H.-U., Aebi P., 2015. Prüfung von Italienischem Raigras: Bewährungsprobe für 37 Sorten. Agrarforschung Schweiz 6(6), 248-255

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2015

Situation abroad

Agronomic characteristics

Results of the official Swiss variety trials 2012-2014 (Suter et al, 2015) (diploide Sorten)

	RABIOSA	Mean
Yield	2.8	3.8
General impression	2.9	3.3
Juvenile growth	3.0	2.7
Competing ability	3.5	3.6
Persistence	3.8	4.4
Resistance to winter conditions	3.8	4.0
Resistance to leafspots an rust	3.1	3.2
Resistance to bacterial wilt	1.6	2.0
Digestibility of the organic matter	7.3	5.3
Index (weighted average of all notes)	3.3	3.6

Scoring scale 1 = very good; 5 = medium; 9 = very poor

Yield Mean of 4 experimental sites over 2 years

Mean Mean value of standard varieties

Description according to UPOV guidelines

DUS test conducted at Scharnhorst, BSA (DE), 2013-2014

UPOV No	Characteristics	State of expression	Note
1	Ploidy	diploid	2
5	Leaf: intensity of green color	medium to dark	6
10	Plant: tendency to form inflorescences (without vernalization)	weak to medium	4
11	Time of inflorescence emergence (after vernalization)	early	3
14	Flag leaf: length	medium	5
15	Flag leaf: width	narrow to medium	4
17	Plant: length of longest stem including inflorescence	medium	5

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