



SALARIA

Hybrid Ryegrass (4n)

Lolium x hybridum Hausskn.

The persistent variety in the intermediate range

Things to know

The intermediate variety Salaria shows a stalk formation in the subsequent growths that lies between those of the well-known varieties Daboya and Ocadia and is, thus, comparable with them in terms of growth type. It convinced in the Swiss registration trials from 2018 to 2020 mainly by a very good persistence, which is based on a good resistance to winter influences, leaf diseases and bacterial wilt. In addition, Salaria possesses a very high yield potential.

Descent

Base material

Cross between tetraploid Italian ryegrass (type variety Oryx) with breeding material of the tetraploid perennial ryegrass variety Salamandra.

MO seed

Row trial 2012 (LH1255) with seed harvest on 9 half-sib progenies from a polycross with 12 components.

Literature

Nay M., Tanner P., Grieder C., 2022. Bastardraigras vereint die besten Eigenschaften von Englischem und Italienischem Raigras. Agrarforschung Schweiz 13(1), 151-158

Frick R., Suter D., Dereuder E., Hirschi H.-U., 2021. Sortenprüfung für Futterpflanzen: zwei Neuerungen beim Bastard-Raigras. Agrarforschung Schweiz 12(1), 151-156

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2022

Further registered in the following countries

FRA

Agronomic characteristics

Results of the official Swiss variety trials 2018-2020 (Frick et al. 2021) (Typ "IR/ER")

	SALARIA	Mean
Yield	4.1	4.9
General impression	3.3	3.7
Juvenile growth	2.9	2.7
Competing ability	5.0	5.0
Persistence	3.5	4.8
Resistance to winter conditions	3.4	3.9
Resistance to leafspots and rust	2.4	2.5
Resistance to bacterial wilt	2.7	3.6
Digestibility of the organic matter	6.0	4.9
Index (weighted average of all notes)	3.7	4.1

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 (DEU), 2019-2021

UPOV No	Characteristics	State of expression	Note
1	Ploidy	diploid	2
5	Leaf: Intensity of green colour	medium	5
10	Plant: tendency to form inflorescences (without vernalization)	absent or very weak	1
11	Time of inflorescence emergence (after vernalization)	very early to early	2
14	Flag leaf: length	medium to long	6
15	Flag leaf: width	very broad	9
17	Plant: length of longest stem including inflorescence	medium to long	6

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 In Collaboration with: Delley Seeds and Plants Ltd (DSP), 1567 Delley
 Authors: Christoph Grieder and Peter Tanner, Agroscope
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