



SOREX

Hybrid Ryegrass (4n)

Lolium x hybridum Hausskn.

Things to know

Sorex is the earliest variety in the range of hybrid ryegrass. It is heading only 3 to 4 days later than the early variety of perennial ryegrass Arvicola. Furthermore, Sorex stands most closely to perennial ryegrass of all Swiss varieties of hybrid ryegrass. In summer, there are no more fertile tillers heading and the variety forms dense crops, rich of leaves. This has a favourable effect on the digestibility and the persistence.

Descent

Base material

Progenies from crossings (2n L.h x 2n L.p) of breeding material from Reckenholz treated with colchicine

M0 seed

Row trial 1999 (LH9905) with seed harvest on 40 single plant progenies.

Literature

Frick R., Suter D., Dereuder E., Hirschi H.-U., 2021.

Sortenprüfung für Futterpflanzen: zwei Neuerungen beim Bastard-Raigras. Agrarforschung Schweiz 12(1), 151-156

Suter D., Frick R., Hirschi H.-U., Aebi P., 2015. Bastard-Raigras: 26 Sorten im Feld geprüft. Agrarforschung Schweiz 6(9), 392-399

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2010

Further registered in the following countries

Agronomic characteristics

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

	SOREX	Mean
Yield	5.4	5.0
General impression	3.1	3.2
Juvenile growth	2.7	2.9
Competing ability	4.7	4.6
Persistence	3.5	3.5
Resistance to winter conditions	3.1	3.3
Resistance to leafspots and rust	2.6	2.7
Resistance to bacterial wilt	3.3	3.6
Digestibility of the organic matter	4.3	3.7
Index (weighted average of all notes)	3.7	3.7

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 Schamhorst, BSA (DEU), 2008-2010

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
5	Leaf: Intensity of green colour	medium	5
10	Plant: tendency to form inflorescences (without vernalization)	weak	3
11	Time of inflorescence emergence (after vernalization)	very early	1
14	Flag leaf: length	long	7
15	Flag leaf: width	broad to very broad	8
17	Plant: length of longest stem including inflorescence	very long	9