

**Fact Sheet** 

# 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.,Mosimann E.,Suter D.,Hirschi H.-U., 2010. Bastard-Raigras und Wiesen-Fuchsschwanz: Sortenversuche 2007 bis 2009. Agrarforschung Schweiz 1(9), 334-339

#### **National listing**

Situation in Switzerland
On the Swiss List of Recommended Varieties of Forage Plants since 2010
Situation abroad

#### **Agronomic caracteristics**

Results of the official Swiss variety trials 2007-2009

Frick et al. 2010)

(Flick et al. 2010)	SOREX	Mean
Yield	4.0	4.3
General impression	4.1	4.7
Juvenile growth	4.0	4.0
Competing ability	5.0	4.8
Persistence	4.4	5.1
Resistance to winter conditions	4.9	5.1
Resistance to leafspots an rust	3.3	3.2
Resistance to bacterial wilt	1.5	2.2
Digestibility of the organic matter	4.7	5.1
Index (weighted average of all notes)	4.0	4.3

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 gidelines**

DUS test conducted at Scharnhorst, BSA (DE), 2008-2010

Characteristics	State of expression	
	Clair or expression	Note
Ploidy	tetraploid	4
Leaf: Intensity of green colour	medium	5
Tendency to form inflorescences (without vernalization)	weak	3
Time of inflorescence emergence (after vernalization)	very early	1
Flag leaf: length	long	7
Flag leaf: width	broad to very broad	8
Stem: length of longest stem including inflorescence	very long	9
	Leaf: Intensity of green colour  Tendency to form inflorescences (without vernalization)  Time of inflorescence emergence (after vernalization)  Flag leaf: length  Flag leaf: width  Stem: length of longest stem including	Leaf: Intensity of green colour medium  Tendency to form inflorescences (without vernalization)  Time of inflorescence emergence (after vernalization)  Flag leaf: length long  Flag leaf: width broad to very broad  Stem: length of longest stem including very long

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