



RUSA

Hybrid Ryegrass (4n)

Lolium x hybridum Hausskn.

Things to know

RUSA is a new tetraploid cultivar with similar characteristics as DORCAS and ANTILOPE. It is competitive and provides very high yields. RUSA is well adapted to the use in Mattenklee-grass mixtures. Its high competition performance guarantees its sufficient part of the crop also in mixtures with tetraploid Mattenklee.

Descent

Base material

Crossings between tetraploid Italian ryegrass and tetraploid perennial ryegrass from Swiss ecotypes

MO seed

Row trial in 1991 (LH9115) with 74 clone progenies out of a polycross with 127 clones.

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
Suter D., Briner H.-U., Mosimann E., Demenga M., Jeangros B., 2007. Offizielle Sortenversuche mit xFestulolium braunii. Agrarforschung 14(7), 294-299

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2000

Situation abroad

DE (Representative: Freudenberger, Krefeld)

Agronomic characteristics

Results of the official Swiss variety trials 2007-2009 (Frick et al. 2010)

	RUSA	Mean
Yield	3.4	4.3
General impression	4.5	4.7
Juvenile growth	4.4	4.0
Competing ability	5.3	4.8
Persistence	5.0	5.1
Resistance to winter conditions	5.3	5.1
Resistance to leafspots and rust	3.5	3.2
Resistance to bacterial wilt	2.1	2.2
Digestibility of the organic matter	6.3	5.1
Index (weighted average of all notes)	4.4	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 guidelines

DUS test conducted at Scharnhorst, BSA (DE), 1998-2001

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
3	Tendency to form inflorescences (without vernalization)	weak	3
5	Leaf: color in the year of sowing	medium green to dark green	6
8	Time of inflorescence emergence (after vernalization)	very early to early	2
10	Flag leaf: length	long to very long	8
11	Flag leaf: width	broad to very broad	8
12	Stem: length of longest stem including inflorescence	very long	9

