Fact Sheet

SELISTA

Kentucky Bluegrass (2n)

Poa pratensis L.

Persistent and high competitive ability

Things to know

Selista is one of the first two Agroscope varieties being on the recommended list of Switzerland since 2014. Heading date of Selista is 3 days earlier than for variety Sepia and 4 days earlier than for variety Lato. Selista shows a sexual reproduction system, allowing for a better adaptability to differing environmental conditions compared to the non-segregating apomictic varieties. In the official trials from 2010 to 2012, Selista reached nearly the same overall rank as the best existing variety and even showed best results for competitive ability and persistence.

Descent

Base material

Recurrent selection in sexually reproducing breeding material of Agroscope

M0 seed

Row trial 2004 (PP0425) with seed harvest on 9 half-sib families of a polycross with 11 clones.

Literature

Suter D.,Frick R.,Hirschi H.-U., 2020. Sortenprüfung: deutliche Verbesserungen beim Wiesenrispengras. Agrarforschung Schweiz 11(1), 110-114

Grieder C.,Tanner P.,Schubiger F.-X.,Boller B., 2016. Mehr Leistung dank Sex: die neuen Wiesenrispengras-Sorten von Agroscope. Agrarforschung Schweiz 7(7), 304-309

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2014

Further registered in the following countries

AUT,DEU

Agronomic caracteristics

Results of the official Swiss variety trials 2017-2019 (Suter et al. 2020)

	SELISTA	Mean
Yield	3.8	4.5
General impression	3.2	3.4
Juvenile growth	5.0	5.8
Competing ability	4.4	5.1
Persistence	2.8	3.2
Resistance to winter conditions	4.2	4.3
Resistance to leafspots an rust	2.5	2.8
Digestibility of the organic matter	4.3	5.1
Persistence at higher altitudes	4.3	4.4
Index (weighted average of all notes)	3.7	4.1

Scoring scale	1 = very good; 5 = medium; 9 = very poor
Yield	Mean of 5 experimental sites over 2 years
Mean	Mean value of standard varieties

Description according to UPOV gidelines

DUS test conducted at Scharnhorst, BSA (DEU), 2011-2013

UPOV No	Characteristics	State of expression	Note
1	Leaf sheath: anthocyanin coloration	absent or very weak	1
3	Leaf sheath: density of hairs	sparse to medium	4
6	Leaf blade: density of hairs on upper side	very sparse to sparse	2
8	Leaf: color in the year of sowing	light green to medium green	4
9	Leaf: width (in autumn of year of sowing)	medium to wide	6
11	Time of inflorescence emergence (after vernalization)	medium	5
14	Plant: length of longest stem including inflorescence	medium to long	6
17	Inflorescence: shape of rachis	bent	2

Agroscope good food, healthy environment

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