Fact Sheet

MARAVA

Perennial Ryegrass (2n)

Lolium perenne L.

Things to know

The diploid variety Marava shows an intermediate-early maturity with 6 days later heading when compared to the very early maturing variety Arolus. Marava shows a well-balanced forage yield over the season with dense stands, as typical for diploid varieties of perennial ryegrass. It shows a highly increased digestibility of organic matter when compared to other diploid reference varieties, reaching nearly the level of tetraploid varieties. Combining these characteristics, Marava can especially be recommended for mixtures for pastures or for meadows with combined use of grazing and cutting.

Descent

Base material

Selection in breeding material of the variety Arion.

M0 seed

Row trial 2001 (LP0125) with 7 half-sib families derived from a polycross.

Literature

Suter D.,Hirschi H.-U.,Frick R.,Aebi P., 2012. Englisches Raigras: 62 Sorten mussten sich bewähren. Agrarforschung Schweiz 3(9), 414-421

National listing

Situation in Switzerland

Not on the List of Recommended Varieties of Forage Plants

Further registered in the following countries

DEU

Agronomic caracteristics

Results of the official Swiss variety trials 2009-2011 (Suter et al. 2012) (frühe-mittelfrühe Sorten)

	MARAVA	Mean
Yield	5.5	4.9
General impression	4.2	3.5
Juvenile growth	3.2	2.7
Competing ability	3.3	3.2
Persistence	3.6	3.3
Resistance to winter conditions	5.8	5.1
Resistance to leafspots an rust	4.0	3.5
Digestibility of the organic matter	3.0	4.3
Persistence at higher altitudes	4.3	3.5
Index (weighted average of all notes)	4.2	3.9

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), 2010-2012

UPOV No	Characteristics	State of expression	Note
1	Ploidy	diploid	2
5	Leaf: intensity of green color	medium	5
7	Plant: vegetative growth habit (without vernalization)	intermediate	5
10	Plant: tendency to form inflorescences (without vernalization)	very weak to weak	2
11	Time of inflorescence emergence (after vernalization)	very early to early	2
14	Flag leaf: length	medium	5
15	Flag leaf: width	medium to wide	6

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