



PALMATA

Hybrid Ryegrass (4n)

Lolium x hybridum Hausskn.

Things to know

Palmata is the first Swiss variety of hybrid ryegrass which emerged from a backcross of hybrid ryegrass with perennial ryegrass. It exhibits theoretically 75% of perennial ryegrass lineage. The yield potential of Palmata reaches that of established varieties of hybrid ryegrass and it builds fine leaved crops of high density like perennial ryegrass. Concerning persistence, Palmata stands out from the hybrid ryegrasses and is comparable with the perennial ryegrass Lacerta. Palmata is heading at about the same time like Lacerta.

Descent

Base material

Hybrid ryegrass of the perennial type, backcrossed with perennial ryegrass.

M0 seed

Row trial 1999 (LH9925) with seed harvest from 20 families.

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

FRA

Agronomic characteristics

Results of the official Swiss variety trials 2018-2020

(Frick et al. 2021) (Typ "ER")

	PALMATA	Mean
Yield	4.9	5.0
General impression	3.3	3.2
Juvenile growth	2.6	2.9
Competing ability	5.0	4.6
Persistence	3.7	3.5
Resistance to winter conditions	3.7	3.3
Resistance to leafspots and rust	2.9	2.7
Resistance to bacterial wilt	4.0	3.6
Digestibility of the organic matter	3.7	3.7
Index (weighted average of all notes)	3.9	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 Scharnhorst, BSA (DEU), 2007-2009

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)	very weak to weak	2
11	Time of inflorescence emergence (after vernalization)	very early to early	2
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

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