

Things to know

The variety Bipes is based on a selection of material of the varieties Caribu and Tigris against the leaf spot disease Bipolaris sorokiniana. Accordingly, the variety shows healthy foliage. With rather average yields, Bipes convinces above all with the top mark in digestibility: In the official approval test, it was more than one grade better than the other approved varieties.

Descent

Base material

Selection from material of the varieties Caribu and Tigris for resistance to the leaf spot disease Bipolaris sorokiniana.

M0 seed

Row trial 2011 (LI1135) with seed harvest on all 8 clone progenies derived from a polycross.

Literature

Suter D., Frick R., Hirschi H.-U., 2021. Schweizer Kunstfutterbau: Italienische Raigräser Maggyl und Oryttus setzen neue Massstäbe. Agrarforschung Schweiz 12(1), 128-136

Fact Sheet

BIPES

Italian Ryegrass (2n)

Lolium multiflorum Lam.

The new benchmark in digestibility

National listing

Situation in Switzerland On the Swiss List of Recommended Varieties of Forage Plants since 2020

Further registered in the following countries

Agronomic caracteristics

Results of the official Swiss variety trials 2018-2020 (Suter et al, 2021) (diploide Sorten)

	BIPES	Mean
Yield	5.0	4.4
General impression	3.8	4.2
Juvenile growth	3.6	3.4
Competing ability	4.1	3.9
Persistence	5.0	5.6
Resistance to winter conditions	3.2	3.0
Resistance to leafspots an rust	4.6	4.6
Resistance to bacterial wilt	3.3	4.0
Digestibility of the organic matter	3.3	5.7
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

conducted at Schammorst, DSA (DEO), 2018	9-2020	
Characteristics	State of expression	Note
Ploidy	diploid	2
Leaf: intensity of green color	medium	5
Plant: tendency to form inflorescences (without vernalization)	very weak to weak	2
Time of inflorescence emergence (after vernalization)	medium	5
Flag leaf: length	short to medium	4
Flag leaf: width	medium	5
Plant: length of longest stem including inflorescence	medium	5
	Characteristics Ploidy Leaf: intensity of green color Plant: tendency to form inflorescences (without vernalization) Time of inflorescence emergence (after vernalization) Flag leaf: length Flag leaf: width Plant: length of longest stem including	PloidydiploidLeaf: intensity of green colormediumPlant: tendency to form inflorescences (without vernalization)very weak to weakTime of inflorescence emergence (after vernalization)mediumFlag leaf: lengthshort to mediumFlag leaf: widthmediumPlant: length of longest stem includingmedium

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