



# BIPES

## Italian Ryegrass (2n)

*Lolium multiflorum Lam.*

The new benchmark in digestibility

### 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

### National listing

#### Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2020

Further registered in the following countries

### Agronomic characteristics

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 guidelines

DUS test conducted at Schamhorst, BSA (DEU), 2019-2020

UPOV No	Characteristics	State of expression	Note
1	Ploidy	diploid	2
5	Leaf: intensity of green color	medium	5
10	Plant: tendency to form inflorescences (without vernalization)	very weak to weak	2
11	Time of inflorescence emergence (after vernalization)	medium	5
14	Flag leaf: length	short to medium	4
15	Flag leaf: width	medium	5
17	Plant: length of longest stem including inflorescence	medium	5

