



# ZEBRA

## Italian Ryegrass (4n)

*Lolium multiflorum* Lam.

### Things to know

Zebra is the sibling variety of Morunga. They both trace back to the same breeding material of the variety Oryx, which was treated with colchicine to gain the tetraploid form. Zebra heads very early and starts exceedingly fast in spring. Among its good resistances to diseases, the strong resistance against bacterial wilt is outstanding.

### Descent

#### Base material

Selection in tetraploid breeding material of ART Reckenholz, emerging from a colchicine treatment of the variety Oryx. Selection on erect growth habit.

### MO seed

Row trials 2000 (LI0035) with seed harvest on 10 clone progenies from a polycross with 13 clones.

### 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

Suter D., Frick R., Hirschi H.-U., Aebi P., 2015. Prüfung von Italienischem Raigras: Bewährungsprobe für 37 Sorten. Agrarforschung schweiz 6(6), 248-255

### National listing

#### Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2010

Further registered in the following countries

### Agronomic characteristics

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

	ZEBRA	Mean
Yield	4.3	4.2
General impression	4.2	4.1
Juvenile growth	2.7	2.6
Competing ability	3.8	3.9
Persistence	5.9	5.7
Resistance to winter conditions	2.6	2.8
Resistance to leafspots an rust	3.5	3.6
Resistance to bacterial wilt	2.4	2.4
Digestibility of the organic matter	5.3	4.5
Index (weighted average of all notes)	3.9	3.8

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 Crossnacreevy, Belfast, AFBI (GBR), 2007-2009

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
2	Plant: vegetative growth habit (without vernalization)	semi-erect	3
10	Plant: tendency to form inflorescences (without vernalization)	absent or very weak	1
11	Time of inflorescence emergence (after vernalization)	medium	5
14	Flag leaf: length	medium	5
15	Flag leaf: width	medium	5
17	Plant: length of longest stem including inflorescence	very long	9