



ORYX

Italian Ryegrass (2n)

Lolium multiflorum Lam.

Things to know

ORYX traces back to ecotypes originating from the diffusion of Italian ryegrass in the marginal areas of eastern Switzerland. It is characterized by a good resistance against snow mould diseases and an early beginning of growth in spring. ORYX provides high and secure crops of healthy and well conservable fodder. After a cut, the crops cover again quickly and let hardly any weed come up. ORYX is especially suited for a use until the first cut after the second hibernation, for a consecutive cultivation of corn.

Descent

Base material

Selection of families of material which derives from Swiss ecotypes collected in 1987.

MO seed

Row trial 1993 (LI9315) with seed harvest in 81 families.

Literature

Suter D., Hirschi H.-U., Chapuis St., 2010. 29 Neuzüchtungen von Italienischem Raigras geprüft. Agrarforschung Schweiz 1(7), 280-285

Boller B., Schubiger F.-X., Tanner P., 2008. Neue Italienische Raigräser: Caribu und Tigris. Agrarforschung 15(8), 402-407

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2000

Situation abroad

DE (Representative: Freudenberger, Krefeld)
LU

Agronomic characteristics

Results of the official Swiss variety trials 2007-2009 (Suter et al, 2010)

	ORYX	Mean
Yield	4.0	4.5
General impression	3.4	3.6
Juvenile growth	2.8	2.9
Competing ability	4.7	4.7
Persistence	4.2	4.4
Resistance to winter conditions	4.0	4.5
Resistance to leafspots and rust	3.4	3.5
Resistance to bacterial wilt	2.0	2.0
Digestibility of the organic matter	5.0	5.3
Index (weighted average of all notes)	3.7	3.9

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 La Minière, GEVES (FR), 1997-2000

UPOV No	Characteristics	State of expression	Note
1	Ploidy		2
3	Tendency to form inflorescences (without vernalization)	weak	3
5	Leaf: color in the year of sowing	medium green	5
8	Time of inflorescence emergence (after vernalization)	early to medium	4
10	Flag leaf: length	medium	5
11	Flag leaf: width	medium	5
12	Stem: length of longest stem including inflorescence	medium	5

