



LIPURUS

Italian Ryegrass (4n)

Lolium multiflorum Lam.

Things to know

LIPURUS is an advanced development of the well known variety LIPO. Especially the resistance to crown rust has been improved with a systematic selection. This quality is especially estimated in France. Often in summer of the second main harvest year the growth capacity of LIPURUS decreases slightly and its endurance does not reach the level of ELLIRE. In the seed production however, LIPURUS does not cause the problems noticed with ELLIRE.

Descent

Base material

Selektionen aus Kreuzungen zwischen tetraploidem Material aus Cluj (Mutationszüchtung) und der Sorte Lipo sowie Material von Schweizer Oekotypen 1964 selektiert auf Winterfestigkeit

MO seed

Row trials 1989 (LI8915/25) with seed harvest on 52 clone progenies from a polycross with 60 clones.

Literature

Suter D., Briner H.-U., Mosimann E., Jeangros B., Stévenin L., 2005. Sortenversuche mit Italienischem und Bastard-Raigras. *Agrarforschung* 12(6), 242-247

Lehmann J., Briner H.-U., Schubiger F.-X., 2000. Italienisches Raigras und Bastard-Raigras: Sortenversuche 1997 bis 1999. *Agrarforschung* 7(3), 124-129

National listing

Situation in Switzerland

Not on the List of Recommended Varieties of Forage Plants

Situation abroad

FR (Representative: Semences Vertes)

CZ

Agronomic characteristics

Results of the official Swiss variety trials 2002-2004 (Suter et al. 2005)

	LIPURUS	Mean
Yield	5.3	4.7
Juvenile growth	2.3	2.6
General impression	5.8	5.4
Competing ability	5.0	4.9
Resistance to leafspots an rust	2.9	3.3
Resistance to snow mould	5.3	5.1
Persistence	6.9	5.7
Index (weighted average of all notes)	5.0	4.7

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 La Minière, GEVES (FR), 1995-1998

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
3	Tendency to form inflorescences (without vernalization)	weak to medium	4
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	long to very long	8
11	Flag leaf: width	broad to very broad	8
12	Stem: length of longest stem including inflorescence	medium to long	6