



# SORAYA

## Perennial Ryegrass (4n)

*Lolium perenne L.*

### Things to know

Soraya is the latest Swiss variety of perennial ryegrass. A crossing between late varieties from abroad with early Swiss breeding material let a variety arise which builds rapidly a lot of foliage in spring despite of the late ear emergence.

This allows a first silage making of very high quality. Due to the very good resistance to diseases, in particular to crown rust, the good quality of fodder is conserved also in the summer growth.

### Descent

#### Base material

Breeding material treated with colchicine tracing back to crossings between varieties and Swiss ecotypes.

### MO seed

Row trials 2003 (LP0355) with seed harvest on 9 clone progenies from a polycross with 12 clones.

### Literature

### National listing

#### Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2011

#### Situation abroad

FR (Representative: Semences Vertes)

AT

### Agronomic characteristics

Results of the official Swiss variety trials 2009-2011  
(mittelsp.-späte Sorten) (nicht publiziert)

	SORAYA	Mean
Yield	4.5	5.0
General impression	3.3	4.0
Juvenile growth	2.3	3.1
Competing ability	3.7	4.2
Persistence	3.0	3.6
Resistance to winter conditions	4.8	5.3
Resistance to leafspots an rust	2.4	3.5
Resistance to bacterial wilt	1.6	1.7
Digestibility of the organic matter	5.0	4.5
Persistence at higher altitudes	3.2	4.2
Index (weighted average of all notes)	3.4	4.0
Scoring scale	1 = very good; 5 = medium; 9 = very poor	
Yield	Mean of 5 experimental sites over 2 years	
Mean	Mean value of standard varieties	

### Description according to UPOV guidelines

DUS test conducted at Crossnacreevy, Belfast, DEFRA (UK), 2007-2010

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
5	Leaf: color in the year of sowing	medium green to dark green	6
8	Time of inflorescence emergence (after vernalization)	medium	5
10	Flag leaf: length	very long	9
11	Flag leaf: width	very broad	9
12	Stem: length of longest stem including inflorescence	very long	9

