



# SOLENIDA

## Perennial Ryegrass (4n)

*Lolium perenne* L.

Best in one's year

### Things to know

Solenida is comparable to the well-known varieties Allodia and Soronia in terms of maturity. In the Swiss approval test 2020-2022, it achieved a top ranking in all characteristics and thus also achieved first place according to the overall index. Particularly noteworthy here is the persistence, which has been significantly improved compared to the varieties already recommended.

### Descent

#### Base material

Multiple backcrossing of a tetraploid ecotype with breeding material from Agroscope

### M0 seed

Row trial 2016 (LP1658) with seed harvest on 18 half-sib progenies from a polycross with 22 components

### Literature

Suter D., Frick R., Hirschi H.-U., 2023. Sortenprüfung Englisches Raigras: Sechs Neuzüchtungen nehmen die agronomische Hürde. Agrarforschung Schweiz 14(1), 122-129

### National listing

#### Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2024

Further registered in the following countries

### Agronomic characteristics

Results of the official Swiss variety trials 2020-2022

(Suter et al. 2023) (4n, mittelspät-spät)

	SOLENIDA	Mean
Yield	3.4	4.1
General impression	3.0	3.4
Juvenile growth	2.4	2.4
Competing ability	3.8	4.7
Persistence	3.1	3.7
Resistance to winter conditions	3.2	3.5
Resistance to leafspots an rust	3.7	4.0
Digestibility of the organic matter	4.3	4.6
Persistence at higher altitudes	2.7	3.1
Index (weighted average of all notes)	3.3	3.7

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 Scharnhorst, BSA (DEU), 2021-2023

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
2	Plant: vegetative growth habit (without vernalization)	semi-erect to intermediate	4
5	Leaf: intensity of green color	medium	5
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

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