



SALENIA

Perennial Ryegrass (4n)

Lolium perenne L.

The new benchmark in the medium-early range

Things to know

Salenia is a medium-early variety and, following its approval in 2023, will complement this range in the Swiss list of recommended forage plants alongside the existing varieties Salamandra and Salmo. It impressed with its balanced performance and top marks in all traits.

Descent

Base material

Tetraploid breeding material based on a colchicine treatment of Swiss ecotypes

M0 seed

Row trial 2012 (LP1215) with seed harvest on 16 half-sib progenies from a polycross with 20 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 2023

Further registered in the following countries

Agronomic characteristics

Results of the official Swiss variety trials 2020-2022

(Suter et al. 2023) (4n, früh-mittelfrüh)

	SALENIA	Mean
Yield	3.8	4.2
General impression	2.5	2.6
Juvenile growth	2.0	2.1
Competing ability	4.2	4.3
Persistence	2.4	2.9
Resistance to winter conditions	2.8	3.3
Resistance to leafspots and rust	3.7	3.6
Digestibility of the organic matter	3.0	3.3
Persistence at higher altitudes	2.4	2.2
Index (weighted average of all notes)	3.0	3.2

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
5	Leaf: intensity of green color	medium to dark	6
7	Plant: vegetative growth habit (without vernalization)	semi-erect to intermediate	4
10	Plant: tendency to form inflorescences (without vernalization)	absent or very weak	1
11	Time of inflorescence emergence (after vernalization)	early	3
14	Flag leaf: length	medium	5
15	Flag leaf: width	medium to wide	6

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