



BUBALUS

Perennial Ryegrass (4n)

Lolium perenne L.

Best grass stands even at high altitudes

Things to know

The late-maturing variety Bubalus is a further development of the proven variety Vidalia. In the official Swiss variety trial 2020-22, it impressed above all with a very high quality of its plant stands and by far the best suitability for cultivation at higher altitudes.

Descent

Base material

Crossings of the variety Vidalia with various Agroscope breeding materials

MO seed

Row trial 2011 (LP1185) with seed harvest on 6 half-sib progenies from a polycross with 8 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, mittelspät-spät)

	BUBALUS	Mean
Yield	3.9	4.1
General impression	2.8	3.4
Juvenile growth	2.5	2.4
Competing ability	4.4	4.7
Persistence	3.2	3.7
Resistance to winter conditions	3.5	3.5
Resistance to leafspots and rust	3.7	4.0
Digestibility of the organic matter	4.0	4.6
Persistence at higher altitudes	2.3	3.1
Index (weighted average of all notes)	3.4	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), 2018-2020

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
2	Plant: vegetative growth habit (without vernalization)	intermediate	5
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