



Fact Sheet

BUBARIS

Perennial Ryegrass (4n)

Lolium perenne L.

The late heading variety

Things to know

Bubaris is a sister variety of Bubalus and, like the latter, is a further development of the proven variety Vidalia. Bubaris is the variety with the latest heading date from the breeding program of Agroscope/DSP. When it was approved in Switzerland, it was particularly convincing due to its high digestibility and balanced performance across all other characteristics.

Descent

Base material

Crossings of the variety Vidalia with various Agroscope breeding materials

M0 seed

Row trial 2011 (LP1187) with seed harvest on 10 half-sib progenies from a polycross with 10 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)

	BUBARIS	Mean
Yield	4.7	4.1
General impression	3.2	3.4
Juvenile growth	2.3	2.4
Competing ability	4.2	4.7
Persistence	3.4	3.7
Resistance to winter conditions	3.5	3.5
Resistance to leafspots an rust	3.7	4.0
Digestibility of the organic matter	3.3	4.6
Persistence at higher altitudes	2.8	3.1
Index (weighted average of all notes)	3.5	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 to late	6
14	Flag leaf: length	medium	5
15	Flag leaf: width	medium	5

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