



ALLIGATOR

Perennial Ryegrass (4n)

Lolium perenne L.

Things to know

With ALLIGATOR for the first time a Swiss cultivar appears in the category of medium late to late varieties on the list of recommended varieties. The time of its inflorescence emerging is about ten days later than LACERTA. ALLIGATOR is very high yielding, sustains snow mould quite well and endures also at higher altitudes. Due to the parallel entry on the list in Germany, the seed production started in 2001. ALLIGATOR can be used in all grass/white clover mixtures in which the participation of a medium late to late ryegrass is planned.

Descent

Base material

Varieties Fantoom and Prana, selected on resistance to bacterial wilt and crown rust.

M0 seed

Row trial 1990 (LP9035) with 6 clone progenies from a polycross with 7 clones.

Literature

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

Suter D., Hirschi H.-U., Frick R., 2017. Englisches Raigras: neue Sorten für den Schweizer Kunstfutterbau empfohlen. Agrarforschung Schweiz 8(7), 292-299

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2001

Further registered in the following countries

DEU,AUT,LUX

Agronomic characteristics

Results of the official Swiss variety trials 2020-2022 (Suter et al. 2023) (4n, mittelspät-spät)

	ALLIGATOR	Mean
Yield	5.1	4.1
General impression	3.7	3.4
Juvenile growth	2.6	2.4
Competing ability	5.0	4.7
Persistence	4.0	3.7
Resistance to winter conditions	3.5	3.5
Resistance to leafspots and rust	4.8	4.0
Digestibility of the organic matter	4.7	4.6
Persistence at higher altitudes	3.4	3.1
Index (weighted average of all notes)	4.1	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), 1998-2000

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
3	Plant: tendency to form inflorescences (without vernalization)	absent or very weak	1
5	Leaf: color in the year of sowing	medium green	5
8	Time of inflorescence emergence (after vernalization)	early to medium	4
10	Flag leaf: length	long	7
11	Flag leaf: width	broad	7
12	Plant: length of longest stem including inflorescence	medium to long	6