



# ALLODIA

## Perennial Ryegrass (4n)

*Lolium perenne* L.

### Things to know

Allodia originates from a cross between colchicine treated Swiss ecotype material and the two Dutch varieties Anaconda and Aubisque. From this cross, Allodia was selected for a late heading date over two generations. Allodia, showing 1 day earlier heading than Alligator, is characterized by a high yield potential, good resistance against leaf diseases and an outstanding digestibility. In the official trials from 2009 to 2011, it reached the top overall-ranking among all candidates and varieties of the late maturing segment. Combining Allodia with an early maturing variety ensures swards with a balanced yield-potential over the whole year.

### Descent

#### Base material

Late maturing varieties (Anaconda, Aubisque) crossed with tetraploid breeding material of Agroscope

### M0 seed

Row trial 2003 (LP0395) with seed harvest on 9 half-sib families of a polycross with 9 clones

### Literature

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

Grieder C., Tanner P., Schubiger F.-X., Boller B., 2015. Sechs neue Sorten von Englischem Raigras aus Schweizer Züchtung. Agrarforschung Schweiz 6(7), 320-327

### National listing

#### Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2013

#### Situation abroad

DE (Representative: Rudloff, Bad Schwartau)  
LU

### Agronomic characteristics

Results of the official Swiss variety trials 2014-2016 (Suter et al. 2017) (4n, spät)

	ALLODIA	Mean
Yield	3.5	4.9
General impression	3.3	3.5
Juvenile growth	2.4	2.6
Competing ability	5.6	5.7
Persistence	4.3	4.6
Resistance to winter conditions	4.9	4.7
Resistance to leafspots an rust	3.3	3.8
Digestibility of the organic matter	4.8	5.0
Persistence at higher altitudes	2.9	3.2
Index (weighted average of all notes)	3.9	4.3

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 (DE), 2010-2012

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
5	Leaf: intensity of green color	medium	5
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)	medium	5
14	Flag leaf: length	medium to long	6
15	Flag leaf: width	broad	7

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