



# 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.

### MO seed

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

### Literature

Boller B., Schubiger F.-X., Tanner P., 2006. Neue Schweizer Raigras-Sorten: Arvella, Salamandra, Alligator. Agrarforschung 13(4), 170-175  
Suter D., Briner H.-U., Rosenberg E., Mosimann E., Jeangros B., Bertola C., Stévenin L., 2006. Englisches Raigras: 61 Sorten geprüft. Agrarforschung 13(7), 278-283

### National listing

#### Situation in Switzerland

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

#### Situation abroad

DE (Representative: Euro Grass, Lippstadt)  
AT, LU

### Agronomic characteristics

Results of the official Swiss variety trials 2009-2011  
(mittelsp.-späte Sorten) (nicht publiziert)

	ALLIGATOR	Mean
Yield	3.6	5.0
General impression	3.6	4.0
Juvenile growth	2.7	3.1
Competing ability	4.4	4.2
Persistence	3.4	3.6
Resistance to winter conditions	5.1	5.3
Resistance to leafspots and rust	3.6	3.5
Resistance to bacterial wilt	1.3	1.7
Digestibility of the organic matter	4.0	4.5
Persistence at higher altitudes	3.8	4.2
Index (weighted average of all notes)	3.6	4.0
Scoring scale	1 = very good; 5 = medium; 9 = very poor	
Yield	Mean of 5 experimental sites over 2 years	
Mean	Mean value of standard varieties	

### Description according to UPOV guidelines

DUS test conducted at Scharnhorst, BSA (DE), 1998-2000

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
3	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	Stem: length of longest stem including inflorescence	medium to long	6

