



# OTARIA

## Tall Fescue

*Festuca arundinacea* Schreber

### Things to know

The basic material of the variety Otaria is the fine leaved breeding material of the Federal Research Station RAC in Changins. Through a strong selection on fine and flexible leaves at ART Reckenholz, Otaria achieved a further improvement of the fineness of the foliage compared with the variety Belfine. The strong juvenile growth, the high density of the crops and the excellent persistence of Otaria make her interesting for the use in mixtures for pastures for drought or intermittent wet conditions.

### Descent

#### Base material

Breeding material of RAC Changins, selected on fine and flexible leaves at ART Reckenholz

### M0 seed

Polycross in 2000 with seed harvest on 12 clones.

### Literature

Frick R., Suter D., E. Dereuder, Hirschi H.-U., 2020. Sortenprüfung mit Rohrschwengel: zwei neue Sorten ersetzen Dauphine. Agrarforschung Schweiz 11(1), 210-215

### National listing

#### Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2009

#### Further registered in the following countries

DEU, CAN

### Agronomic characteristics

Results of the official Swiss variety trials 2017-2019 (Frick et al. 2020)

	OTARIA	Mean
Yield	6.4	5.7
General impression	2.8	3.0
Juvenile growth	3.0	4.3
Competing ability	3.1	3.5
Persistence	2.9	2.8
Resistance to winter conditions	4.7	4.6
Resistance to leafspots and rust	3.6	3.8
Digestibility of the organic matter	6.0	5.1
Fineness of leaves	3.1	3.7
Index (weighted average of all notes)	4.0	4.0

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 La Minière, GEVES (FRA), 2006-2008

UPOV No	Characteristics	State of expression	Note
1	Ploidy		6
3	Foliage: fineness	fine to medium	4
4	Leaf: intensity of green color	light	3
6	Plant: tendency to form inflorescences (without vernalization)	weak to medium	4
8	Time of inflorescence emergence (after vernalization)	early to medium	4
11	Plant: length of longest stem including inflorescence	medium	5
12	Flag leaf: width	medium	5
14	Flag leaf: length	long to very long	8

Version: 13.12.2022

Publisher: Agroscope, Reckenholzstrasse 191, 8046 Zürich

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