

**Fact Sheet** 

# ROHRELLA

# Tall Fescue

Festuca arundinacea Schreber

Fine leaved tall fescue

#### Things to know

Rohrella is based on a selection within Agroscope breeding material of the varieties Belfine, Molva and Dauphine. It is characterized by its very fine leaves which make it more palatable for cattle. Rohrella is not included in the list of recommended varieties in Switzerland, but received its approval in Austria in 2022.

### Descent

Base material

Selection within Agroscope breeding material of the varieties Belfine, Molva and Dauphine.

M0 seed

Row trial 2006 (FA0625) with seed harvest on 8 half-sib progenies from a polycross with 11 components.

### Literature

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

#### **National listing**

Situation in Switzerland Not on the List of Recommended Varieties of Forage Plants

Further registered in the following countries **AUT** 

## **Agronomic caracteristics**

Results of the official Swiss variety trials 2017-2019

| (Frick et al. 2020)                   | ROHRELLA | Mean |
|---------------------------------------|----------|------|
| Yield                                 | 5.8      | 5.7  |
| General impression                    | 3.0      | 3.0  |
| Juvenile growth                       | 3.8      | 4.3  |
| Competing ability                     | 3.4      | 3.5  |
| Persistence                           | 3.0      | 2.8  |
| Resistance to winter conditions       | 4.3      | 4.6  |
| Resistance to leafspots an rust       | 4.4      | 3.8  |
| Digestibility of the organic matter   | 5.3      | 5.1  |
| Fineness of leafs                     | 3.2      | 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 5 experimental sites over 2 years Mean Mean value of standard varieties

#### **Description according to UPOV gidelines**

DUS test conducted at L'Anjouère, GEVES (FRA), 2017-2021

| D00 1001 0 | oridation at Extigodoro, OEVEO (1101), 201            | 1 2021              |      |
|------------|---|---------------------|------|
| UPOV No    | Characteristics                                       | State of expression | Note |
| 1          | Ploidy  |                     | 6    |
| 3          | Foliage: fineness                                     | fine to medium      | 4    |
| 4          | Leaf: intensity of green color                        | medium              | 5    |
| 8          | Time of inflorescence emergence (after vernalization) | medium to late      | 6    |
| 11         | Plant: length of longest stem including inflorescence | long                | 7    |
| 12         | Flag leaf: width                                      | medium              | 5    |
| 14         | Flag leaf: length                                     | medium              | 5    |
|            |   |                     |      |

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