



## Fact Sheet

# LESTRIS

## Red Clover (2n)

*Trifolium pratense* L.

### Things to know

The variety Lestris has been developed from crossings of breeding material of the Swiss "Mattenklee" type with ecotypes from Herzegowina and Hungary. After backcrossings with "Mattenklee" a recurrent selection took place with an emphasis on healthy leaves. Lestris excels in an extremely strong resistance against anthracnose and in an outstanding persistence. A fast growth in spring and a high yield potential right to the end of the third year of stand complete the performance profile.

### Descent

#### Base material

Crossings of wild clover from Herzegovina and Hungary with Mattenklee, progenies were backcrossed in three more cycles with Mattenklee breeding material. Selection of single plants and their progenies

#### MO seed

Row trial 1999 (TP9935) with seed harvest of 32 families.

### Literature

Suter D., Hirschi H.-U., Frick R., 2019. Rotklee unter der Lupe: Ergebnisse der Sortenprüfung 2016-2018. Agrarforschung Schweiz 10(11), 454-461

Suter D., Frick R., Hirschi H.-U., Aebi P., 2014. Sortenprüfung mit Rotklee: deutliche Fortschritte. Agrarforschung Schweiz 5(7), 272-279

### National listing

#### Situation in Switzerland

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

#### Further registered in the following countries

CAN

### Agronomic characteristics

Results of the official Swiss variety trials 2016-2018 (Suter et al. 2019) (Mattenklee diploid)

	LESTRIS	Mean
Yield	3.2	4.2
General impression	2.8	3.1
Juvenile growth	3.3	3.5
Competing ability	3.8	4.4
Persistence	4.0	4.7
Resistance to winter conditions	3.2	3.5
Resistance to Anthracnose	2.2	2.6
Resistance to leafspots an rust	2.6	2.6
Index (weighted average of all notes)	3.1	3.6

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 Scharmhorst, BSA (DEU), 2006-2008

UPOV No	Characteristics	State of expression	Note
2	Ploidy	diploid	2
5	Plant: natural height in the year of sowing	medium	5
6	Leaf: color in the year of sowing	medium green	5
9	Plant: natural height in spring	medium to tall	6
10	Leaf: intensity of green color	medium to dark	6
11	Time of flowering	early	3
12	Stem: length	short to medium	4
14	Stem: number of internodes	low to medium	4
16	Leaf: shape of medial leaflet	ovate	2
17	Leaf: length of medial leaflet	medium	5

Version: 13.07.2021

Publisher: Agroscope, Reckenholzstrasse 191, 8046 Zürich  
 In Collaboration with: Delley Seeds and Plants Ltd (DSP), 1567 Delley  
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