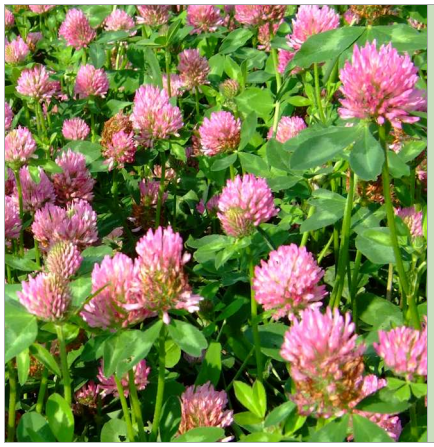

Fact Sheet

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

M0 seed

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

Literature

Frick R.,Jeangros B.,Demenga M.,Suter D.,Hirschi H.-U., 2008. Essais de variétés de trèfle violet. Revue suisse Agric. 40(6), 245-248

National listing

Situation in Switzerland

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

Situation abroad

CA

Agronomic caracteristics

Results of the official Swiss variety trials 2005-2007 (Frick et al. 2008) ("Mattenklee" 2n)

	LESTRIS	Mean
Yield	3.1	4.1
Juvenile growth	3.5	3.1
General impression	3.1	3.4
Competing ability	4.0	4.3
Persistence	3.7	4.3
Resistance to winter conditions	3.1	3.4
Resistance to Stemphylium Leafspots	2.7	2.5
Resistance to black blotch and powdery mildew	1.7	2.2
Resistance to Anthracnose	1.3	1.8
Index (weighted average of all notes)	2.9	3.3

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 Scharnhorst, BSA (DE), 2006-2008

UPOV No	Characteristics	State of expression	Note
2	Ploidy		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

Agroscope

Version: 06.06.2012
Publisher: Agroscope Reckenholz-Tänikon Research Station ART, Reckenholzstrasse 191, 8046 Zürich
In Collaboration with: Delley Seeds and Plants Ltd (DSP), 1567 Delley
Editorial Team: Beat Boller, Peter Tanner, Lucienne Adam, ART

www.agroscope.ch www.futterpflanzen.ch

DSP

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department
of Economic Affairs FDEA
Agroscope Reckenholz-Tänikon Research Station ART