



Fact Sheet

LARUS

Red Clover (4n)

Trifolium pratense L.

Things to know

LARUS is the highest yielding and most competitive variety of red clover for the cultivation in Switzerland. Its persistence is excellent and outclasses obviously the well approved cultivar TEMARA. Also in resistance to powdery mildew, LARUS shows a substantial progress. LARUS is well adapted to the use in the Swiss versions of Italian ryegrass/ red clover mixtures (e.g. SM200 CH). LARUS achieved brilliant results in the official variety trials in Germany and in France as well.

Descent

Base material

Selections of crossings between material of TEMARA and material from Cluj (mutant breeding) and crossings between material of TEMARA material and tetraploid Sf-material (crossing RENOVA x Madison).

M0 seed

Row trial 1996 in Oensingen with seed harvest on 51 single plant progenies.

Literature

Suter D., Frick R., Hirschi H.-U., Aebi P., 2014. Sortenprüfung mit Rotklee: deutliche Fortschritte. Agrarforschung Schweiz 5(7), 272-279
Schubiger F.-X., Alconz E., Streckeisen Ph., Boller B., 2004. Resistenz von Rotklee gegen den südlichen Stängelbrenner. Agrarforschung 11(5), 168-173

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants from 1998 to 2016

Further registered in the following countries

DEU, LUX

Agronomic characteristics

Results of the official Swiss variety trials 2011-2013 (Suter et al. 2014) ("Mattenklee 4n")

	LARUS	Mean
Yield	3.6	2.7
Juvenile growth	2.5	2.6
General impression	2.6	2.5
Competing ability	4.4	4.6
Persistence	4.5	3.8
Resistance to winter conditions	5.0	4.7
Resistance to Anthracnose	2.1	1.8
Resistance to leafspots an rust	1.9	2.1
Index (weighted average of all notes)	3.4	3.1

Scoring scale 1 = very good; 5 = medium; 9 = very poor
Yield Mean of 3 experimental sites over 2 years
Mean Mean value of standard varieties

Description according to UPOV guidelines

DUS test conducted at Schamhorst, BSA (DEU), 1998-2000

UPOV No	Characteristics	State of expression	Note
2	Ploidy	tetraploid	4
5	Plant: natural height in the year of sowing	medium	5
6	Leaf: color in the year of sowing	medium green to dark green	6
9	Plant: natural height in spring	tall	7
10	Leaf: Color in spring	medium green to dark green	6
11	Time of flowering	very early to early	2
12	Stem: length	medium	5
14	Stem: number of internodes	low to medium	4

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