

# **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

Schubiger F.-X., Alconz E., Streckeisen Ph., Boller B., 2004. Resistenz von Rotklee gegen den südlichen Stängelbrenner. Agrarforschung 11(5), 168-173

Boller B., Schubiger F.-X., Tanner P., 2001. Larus, eine neue tetraploide Mattenkleesorte. Agrarforschung 8(7), 258-263

#### **National listing**

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 1998

Situation abroad

DE (Representative: DSV, Lippstadt)

AT,LU

#### Agronomic caracteristics

Results of the official Swiss variety trials 2005-2007

(Frick et al. 2008) ("Mattenklee" 4n)	LARUS	Mean
Yield	3.0	3.4
Juvenile growth	2.2	2.7
General impression	3.0	3.2
Competing ability	4.1	4.0
Persistence	3.6	4.1
Resistance to winter conditions	3.1	3.3
Resistance to Stemphylium Leafspots	2.2	2.3
Resistance to black blotch and powdery mildew	1.8	2.1
Resistance to Anthracnose	1.4	1.8
Index (weighted average of all notes)	2.8	3.1

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), 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  9 Plant: natural height in spring tall 7  10 Leaf: Color in spring medium green to dark green  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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12 Stem: length medium 5	10	Leaf: Color in spring		6
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	14	Stem: number of internodes	low to medium	4

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