



Fact Sheet

# PASTIROMA

## Red Clover (2n)

*Trifolium pratense* L.

2nd generation red clover for pastures

### Things to know

Pastiroma is Agroscope's second variety of red clover for pastures, which was newly approved in 2020. Compared to the older variety Pastor, it has a higher proportion of pasture clover genetics in its pedigree. Due to the more pronounced pasture phenotype with low-lying young shoots, the yield capacity under cutting is therefore lower than with Pastor. However, this is compensated by a better endurance as well as a higher resistance to Southern Anthracnose and trampling damage.

### Descent

#### Base material

Crosses of "Mattenklee" with red clover ecotypes from Jurassic pastures, backcrossings with red clover of the grazing type.

### M0 seed

Row trial 2011 (TP1105) with seed harvest of 11 half-sib 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

### National listing

#### Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2020

#### Situation abroad

### Agronomic characteristics

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

	PASTIROMA	Mean
Yield	5.6	4.9
Juvenile growth	4.7	4.0
General impression	3.6	3.4
Competing ability	5.3	4.8
Persistence	4.5	5.0
Resistance to winter conditions	3.6	3.9
Resistance to Anthracnose	2.0	2.9
Resistance to leafspots an rust	2.2	2.7
Index (weighted average of all notes)	3.9	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 guidelines

DUS test conducted at Scharnhorst, BSA (DE), 2017-2019

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	5
10	Leaf: intensity of green color	medium	5
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	short to medium	4

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