



Fact Sheet

# PASTOR

## Red Clover (2n)

*Trifolium pratense* L.

### Things to know

Pastor is the first variety of red clover which is especially bred for the use in pastures. Pastor combines the prostrate growth habit and the tolerance for grazing of wild clover from Jurassic pastures with the potential yield and the persistence of Swiss Mattenlee type. Even though, Pastor doesn't reach the performance of the best varieties under cutting, the yield of fodder is not considerably less in comparison to conventional Mattenlee.

Under grazing conditions, Pastor is able to maintain a high proportion in the crop.

In comparison to white clover, the proportion of clover in pastures with Pastor is more stable over time.

### Descent

#### Base material

Crossings between wild clover from pastures in Jura and "Mattenlee" breeding material, backcrossings with "Mattenlee" breeding material and selection of single plantes and single plantes progenies.

#### M0 seed

Row trial 2003 (TP0325) with seed harvest on 21 single plant progenies.

### 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 2010

#### Further registered in the following countries

FRA

### Agronomic characteristics

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

	PASTOR	Mean
Yield	4.9	4.9
Juvenile growth	4.0	4.0
General impression	3.4	3.4
Competing ability	4.8	4.8
Persistence	5.0	5.0
Resistance to winter conditions	3.9	3.9
Resistance to Anthracnose	2.9	2.9
Resistance to leafspots an rust	2.7	2.7
Index (weighted average of all notes)	4.0	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 Schamhorst, BSA (DEU), 2008-2010

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
7	Plant: vegetative growth habit (without vernalization)	semi-prostrate	7
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

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