



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 Mattenkleee 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 Mattenkleee.

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 permanent pastures in Jura and "Mattenkleee" breeding material, backcrossings with "Mattenkleee" breeding material and selection of single plantes and single plantes

MO seed

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

Literature

Boller B., Tanner P., Schubiger F.-X., 2012. Pastor: ein neuer, für die Weide geeigneter Rotklee. Agrarforschung Schweiz 3(1), 20-27

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 2010

Situation abroad

FR (Representative: Semences Vertes)

Agronomic characteristics

Results of the official Swiss variety trials 2005-2007

(Frick et al. 2008) ("Mattenkleee" 2n)

	PASTOR	Mean
Yield	4.2	4.1
Juvenile growth	3.9	3.1
General impression	3.8	3.4
Competing ability	4.4	4.3
Persistence	4.2	4.3
Resistance to winter conditions	3.6	3.4
Resistance to Stemphylium Leafspots	2.4	2.5
Resistance to black blotch and powdery mildew	1.7	2.2
Resistance to Anthracnose	1.2	1.8
Index (weighted average of all notes)	3.3	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 guidelines

DUS test conducted at Scharnhorst, BSA (DE), 2008-2010

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
7	Plant: growth habit	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
16	Leaf: shape of medial leaflet	ovate	2

