



PAVO

Red Clover (2n)

Trifolium pratense L.

Things to know

PAVO is characterised by an excellent endurance which is barely affected by anthracnose (*Colletotrichum trifolii*) not even under a high pressure of infection. Furthermore, PAVO has the highest resistance to mildew of all "Mattenklee" varieties. Part of these good resistance properties may go back to cross breeding with foreign accessions.

Descent

Base material

Selection of backcrossings of wild clover from Cetinje (Montenegro) with "Mattenklee" breeding material as well as backcrossings of enduring American breeding material with "Mattenklee" breeding material.

MO seed

Row trial 1994 (TP9455) with seed harvest from 57 families.

Literature

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

Boller B., Tanner P., Schubiger F.-X., 2004. Merula und Pavo: neue, ausdauernde Mattenkleesorten. Agrarforschung 11(5), 162-167

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2002

Situation abroad

AT, CZ

Agronomic characteristics

Results of the official Swiss variety trials 2005-2007
(Frick et al. 2008) ("Mattenklee" 2n)

	PAVO	Mean
Yield	3.6	4.1
Juvenile growth	3.3	3.1
General impression	3.1	3.4
Competing ability	4.0	4.3
Persistence	3.6	4.3
Resistance to winter conditions	3.2	3.4
Resistance to Stemphylium Leafspots	2.6	2.5
Resistance to black blotch and powdery mildew	1.0	2.2
Resistance to Anthracnose	1.3	1.8
Index (weighted average of all notes)	2.9	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), 2000-2002

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 to dark green	6
9	Plant: natural height in spring	medium to tall	6
10	Leaf: intensity of green color	medium to dark	6
11	Time of flowering	early	3
12	Stem: length	short to medium	4
14	Stem: number of internodes	low	3
16	Leaf: shape of medial leaflet	ovate	2

