



Fact Sheet

PAVONA

Red Clover (4n)

Trifolium pratense L.

High yielding and disease resistant

Things to know

The tetraploid variety Pavona is based on a colchizine treatment of plant material from the variety Pavo, of which the outstanding variety characteristics can now also be used in the tetraploid form. Pavona showed by far the best performance in the tetraploid group during registration trials for Switzerland, combining high yield potential with best resistances against leaf diseases and southern anthracnose (*Colletotrichum trifolii*). Not least, these resistances against diseases mediate a high performance of three full years of cultivation.

Descent

Base material

Selection in tetraploid breeding material of Agroscope produced by colchicine treatment of the variety Pavo.

M0 seed

Row trial 2006 (TP0645) with seed harvest on 27 families.

Literature

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 2016

Situation abroad

AT

Agronomic characteristics

Results of the official Swiss variety trials 2011-2013 (Suter et al. 2014) ("Mattenklee 4n")

	PAVONA	Mean
Yield	2.2	2.7
Juvenile growth	2.5	2.6
General impression	2.2	2.5
Competing ability	4.6	4.6
Persistence	2.6	3.8
Resistance to winter conditions	4.5	4.7
Resistance to Anthracnose	1.3	1.8
Resistance to leafspots an rust	1.9	2.1
Index (weighted average of all notes)	2.7	3.1

Scoring scale 1 = very good; 5 = medium; 9 = very poor
 Yield Mean of 3 experimental sites over 2 years
 Mean Mean value of standard varieties

Description according to UPOV guidelines

DUS test conducted at Schamhorst, BSA (DE), 2012-2015

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	6
9	Plant: natural height in spring	medium to tall	6
10	Leaf: intensity of green color	medium	5
11	Time of flowering	early	3
12	Stem: length	medium	5
14	Stem: number of internodes	low to medium	4
16	Leaf: shape of medial leaflet	ovate	2

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