



Fact Sheet

DAFILA

Red Clover (2n)

Trifolium pratense L.

Things to know

DAFILA is the first diploid variety of Mattenklees where indigenous red clover from meadows has been crossed with Mattenklees breeding material. After the second backcross with Mattenklees, there is about one eighth of the genotype which leads back to ecotypes from the region of Grindelwald. DAFILA blooms earlier than the other cultivars of Mattenklees and excels in a distinguished persistence.

Descent

Base material

Crossings of wild clover from higher sites of Grindelwald with Mattenklees breeding material. Progenies were backcrossed in two more cycles with Mattenklees breeding material. Selection of single plants and their progenies.

MO seed

Row trial 1999 (TP9915) with seed harvest from 53 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

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 2008

Further registered in the following countries

FRA

Agronomic characteristics

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

	DAFILA	Mean
Yield	3.6	4.2
General impression	2.9	3.1
Juvenile growth	3.7	3.5
Competing ability	4.0	4.4
Persistence	4.3	4.7
Resistance to winter conditions	3.3	3.5
Resistance to Anthracnose	2.4	2.6
Resistance to leafspots an rust	3.0	2.6
Index (weighted average of all notes)	3.4	3.6

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 (DEU), 2005-2007

UPOV No	Characteristics	State of expression	Note
2	Ploidy	diploid	2
5	Plant: natural height in the year of sowing	medium to tall	6
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	very early to early	2
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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