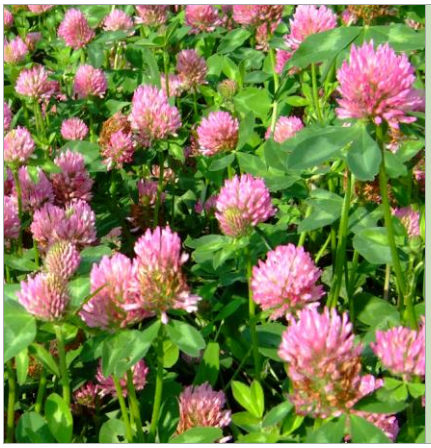

Fact Sheet

MILONIA

Red Clover (2n)

Trifolium pratense L.

Things to know

Milonia unites the qualities of its parents, the two varieties Milvus and Corvus. In the performance trials, it showed top results with dense plant stands, high forage yields, outstanding persistence over three years of cultivation, and strong resistance against southern anthracnose (Colletotricum trifolii). Hence, it represents a new, more performant alternative to its parents with use as classical Mattenklee in high yielding mixtures with hybrid- or Italian ryegrass. Despite its high performance, Milonia is not yet listed as recommended variety for Switzerland due to the status of a surplus candidate.

Descent

Base material

Selection within breeding material of Agroscope tracing back to crossings between the varieties Milvus and Corvus.

M0 seed

Row trial 2004 (TP0445) with 28 half-sib families and seed harvest on 20 of these.

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

Not on the List of Recommended Varieties of Forage Plants

Situation abroad

AT

Agronomic caracteristics

Results of the official Swiss variety trials 2011-2013 (Suter et al. 2014) ("Mattenklee 2n")

	MILONIA	Mean
Yield	2.8	3.6
Juvenile growth	3.1	3.3
General impression	2.5	2.8
Competing ability	4.8	4.9
Persistence	3.0	3.9
Resistance to winter conditions	4.5	4.5
Resistance to Anthracnose	1.2	1.6
Resistance to leafspots an rust	2.8	2.7
Index (weighted average of all notes)	3.0	3.4

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 gidelines

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

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 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	medium	5
14	Stem: number of internodes	medium	5
16	Leaf: shape of medial leaflet	ovate	2

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