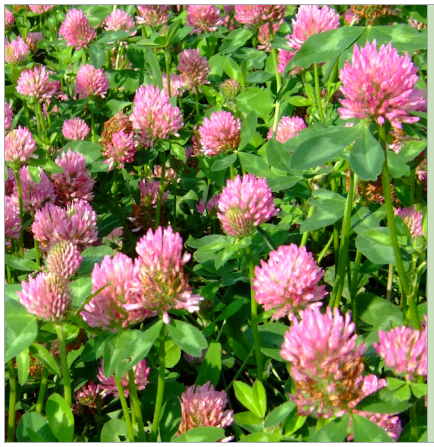

Fact Sheet

MONACO

Red Clover (2n)

Trifolium pratense L.

Things to know

Monaco is the new variety of short leaved red clover which emerged from a continued selection of the breeding material of the oldest Swiss variety of red clover namely Mt. Calme. Monaco`s yield and resistance against anthracnose are clearly better in comparison with Mt. Calme. After the second hibernation, the poductivity decreases fast. Therefore, the variety Monaco is well suited for mixtures of grass and white clover in which red clover should make room for white clover after the second hibernation.

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants from 2011 to 2021

Further registered in the following countries

Agronomic caracteristics

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

	MONACO	Mean
Yield	7.3	6.5
General impression	4.0	3.9
Juvenile growth	2.7	3.5
Competing ability	4.9	4.9
Persistence	6.2	6.1
Resistance to winter conditions	4.7	4.3
Resistance to Anthracnose	4.5	3.6
Resistance to leafspots an rust	3.8	2.9
Index (weighted average of all notes)	4.9	4.5

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

Descent

Base material

Recurrent selection in breeding material of RAC Changins, type Mt. Calme. Selection of single plants and their progenies at the station Zürich-Reckenholz and under natural stress of Colletotrichum trifolii.

M0 seed

Row trial 2003 (TP0305) with seed harvest on 51 single plant progenies.

Description according to UPOV gidelines

DUS test conducted at Scharnhorst, BSA (DEU), 2009-2011

UPOV No	Characteristics	State of expression	Note
2	Ploidy	diploid	2
5	Plant: natural height in the year of sowing	medium	5
8	Plant: tendency to flower in the year of sowing	very strong	9
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	short to medium	4
19	Leaf: intensity of white marks	medium	5

Literature

Suter D.,Frick R.,Hirschi H.-U.,Aebi P., 2014. Sortenprüfung mit Rotklee: deutliche Fortschritte. Agrarforschung Schweiz 5(7), 272-279

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

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