



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 productivity 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.

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*.

MO seed

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

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

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2012

Situation abroad

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Agronomic characteristics

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

	MONACO	Mean
Yield	5.7	6.5
Juvenile growth	3.3	3.6
General impression	4.8	4.9
Competing ability	4.9	5.2
Persistence	6.5	6.9
Resistance to winter conditions	4.1	4.5
Resistance to Stemphylium Leafspots	2.8	3.0
Resistance to black blotch and powdery mildew	3.4	2.9
Resistance to Anthracnose	2.5	2.7
Index (weighted average of all notes)	4.3	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

Description according to UPOV guidelines

DUS test conducted at Scharnhorst, BSA (DE), 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

