



Fact Sheet

ELANUS

Red Clover (4n)

Trifolium pratense L.

Things to know

ELANUS is a high yielding tetraploid cultivar of the Swiss Mattenlee type with good resistance qualities. Even under high pressure of infection, ELANUS is hardly ever mildewed. This variety emerged from self-fertile breeding material which was treated with colchicine and selected on a high seed harvest. Its yield and persistence are similar to those of the approved varieties LARUS and ASTUR.

Descent

Base material

Swiss breeding material emerged from a colchicine treatment of self fertile plants of the "Mattenlee" type.

M0 seed

Row trial 1995 (TP9535) with seed harvest from 60 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 from 2008 to 2021

Further registered in the following countries

DEU

Agronomic characteristics

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

	ELANUS	Mean
Yield	3.8	3.0
General impression	3.2	2.7
Juvenile growth	2.4	2.2
Competing ability	4.2	4.0
Persistence	5.8	4.5
Resistance to winter conditions	3.5	3.4
Resistance to Anthracnose	3.2	2.7
Resistance to leafspots an rust	2.3	2.9
Index (weighted average of all notes)	3.7	3.2

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), 2003-2005

UPOV No	Characteristics	State of expression	Note
2	Ploidy	tetraploid	4
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	tall	7
10	Leaf: intensity of green color	medium	5
11	Time of flowering	very early to early	2
12	Stem: length	short to medium	4
14	Stem: number of internodes	low	3
16	Leaf: shape of medial leaflet	ovate	2

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