



# ELANUS

## Red Clover (4n)

*Trifolium pratense L.*

### Things to know

ELANUS is a high yielding tetraploid cultivar of the Swiss Mattenkleee 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 "Mattenkleee" type.

### MO seed

Row trial 1995 (TP9535) with seed harvest from 60 families

### 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

Mosimann E., Stévenin L., Lehmann J., Briner H.-U., 2002. Essais de variétés de trèfle violet (1999-2001). Revue suisse Agric. 34(2), 55-58

### National listing

#### Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2008

#### Situation abroad

DE (Representative: Freudenberger, Krefeld)

### Agronomic characteristics

Results of the official Swiss variety trials 2005-2007 ('Mattenkleee' 4n) (Frick et al. 2008)

	ELANUS	Mean
Yield	3.0	3.4
Juvenile growth	2.3	2.7
General impression	3.0	3.2
Competing ability	3.8	4.0
Persistence	3.4	4.1
Resistance to winter conditions	3.1	3.3
Resistance to Stemphylium Leafspots	2.7	2.3
Resistance to black blotch and powdery mildew	1.4	2.1
Resistance to Anthracnose	1.5	1.8
Index (weighted average of all notes)	2.7	3.1

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), 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

