



ASTUR

Red Clover (4n)

Trifolium pratense L.

Things to know

ASTUR was developed from the cultivar MILVUS, which was treated with colchicine and it has the same recognisable feature, namely the strong dark red stipules. No other variety of red clover guarantees an equally secure persistence over three years under our conditions as ASTUR. Also against powdery mildew ASTUR shows the best resistance of all recommended varieties. In yield ASTUR is only exceeded by LARUS.

Descent

Base material

Selection of material treated with colchicine of the variety MILVUS.

MO seed

Row trial 1995 with seed harvest from 53 families derive from the experiment G9309.

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

Schubiger F.-X., Alconz E., Streckeisen Ph., Boller B., 2004. Resistenz von Rotklee gegen den südlichen Stängelbrenner. Agrarforschung 11(5), 168-173

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 1998

Situation abroad

DE (Representative: Barenbrug)
AT, SK, LU, CZ

Agronomic characteristics

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

	ASTUR	Mean
Yield	2.8	3.4
Juvenile growth	2.4	2.7
General impression	2.6	3.2
Competing ability	3.6	4.0
Persistence	3.3	4.1
Resistance to winter conditions	2.9	3.3
Resistance to Stemphylium Leafspots	2.0	2.3
Resistance to black blotch and powdery mildew	1.5	2.1
Resistance to Anthracnose	1.4	1.8
Index (weighted average of all notes)	2.5	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), 2000-2002

UPOV No	Characteristics	State of expression	Note
2	Ploidy	tetraploid	4
5	Plant: natural height in the year of sowing	low to medium	4
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	dark	7
11	Time of flowering	early	3
12	Stem: length	medium	5
14	Stem: number of internodes	low	3
16	Leaf: shape of medial leaflet	ovate	2

