



Fact Sheet

APIS

White Clover (4n)

Trifolium repens L.

Things to know

APIS is competitive and suffers little from sclerotinia rot and other winter damages. The cultivar has fairly big leaves, which rapidly cover the ground again after a cut. The yields of APIS are clearly higher than the ones of all the other recommended varieties in Switzerland. The tendency to form hydrocyanic acid comes within the limits of the recommendation for Switzerland., given by the cultivar SONJA.

Descent

Base material

Wild populations from Switzerland

M0 seed

Row trial 1995 (TR9505) with 18 clone progenies from a polycross with 20 clones.

Literature

Suter D., Frick R., Hirschi H.-U., 2020. Zwei neue Weisskleearten empfohlen. Agrarforschung Schweiz 11(1), 154-161

Suter D., Hirschi H.-U., Frick R., Aebi P., 2013. Weissklee und Wiesenrispengras erneut geprüft. Agrarforschung Schweiz 4(10), 416-423

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2000

Further registered in the following countries

DEU,AUT

Agronomic characteristics

Results of the official Swiss variety trials 2017-2019 (Suter et al. 2020) (grossblättrige Sorten)

	APIS	Mean
Yield	4.0	3.6
General impression	2.2	2.4
Juvenile growth	2.0	2.5
Competing ability	3.8	4.1
Persistence	2.3	2.5
Resistance to winter conditions	3.3	3.5
Resistance to leafspots and rust	3.1	3.3
Persistence at higher altitudes	2.6	3.2
Index (weighted average of all notes)	2.8	3.1

Scoring scale 1 = very good; 5 = medium; 9 = very poor
 Yield Mean of 4 experimental sites over 2 years
 Mean Mean value of standard varieties

Description according to UPOV guidelines

DUS test conducted at Crossnacreevy, DARD (GBR), 1999-2002

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
7	Time of flowering	late	7
8	Leaf: length of medial leaflet	long	7
9	Leaf: width of medial leaflet	medium	5
23	Leaf: size of median leaflet	large	7

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