



Fact Sheet

MINONA

White Clover (4n)

Trifolium repens L.

Small-leaved variety with low content of cyanogenic components

Things to know

Minona was specially selected for its small leaves and is the first Agroscope variety of the small-leaved, so-called Hollandicum type. In the official Swiss variety testing for 2022-2024, Minona impressed with its high performance across all characteristics, but above all with its extraordinary resistance to winter conditions and its suitability for cultivation at high altitudes. Minona also showed a very low content of cyanogenic components, which makes this variety safe for animal health even when white clover makes up a large proportion of the ration.

Descent

Base material

Selection for small leaves within ecotypes from Swiss natural meadows (collection 2003) and breeding material of the variety Fiona.

M0 seed

Row trial 2016 (TR1605) with seed harvest on 24 half-sib progenies from an open pollination with 61 single plants in the nursery

Literature

Suter D., Frick R., Hirschi H.-U., Raymond B., 2025. Weissklee und Wiesenrispengras: Vier neue Sorten empfohlen. Agrarforschung Schweiz 16(1), 225-232

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2026

Further registered in the following countries

Agronomic characteristics

Results of the official Swiss variety trials 2022-2024 (Suter et al. 2025) (kleinblättrige Sorten)

	MINONA	Mean
Yield	4.8	5.2
General impression	2.7	2.8
Juvenile growth	2.8	3.1
Competing ability	5.8	5.7
Persistence	3.3	3.2
Resistance to winter conditions	2.3	3.1
Resistance to leafspots and rust	3.5	3.4
Persistence at higher altitudes	2.5	3.3
Index (weighted average of all notes)	3.3	3.5

Scoring scale 1 = very good; 5 = medium; 9 = very poor
 Yield Mean of 6 experimental sites over 2 years
 Mean Mean value of standard varieties

Description according to UPOV guidelines

DUS test conducted at Bratislava, UKSUP (SVK), 2022-2025

UPOV No	Characteristics	State of expression	Note
4	Plant: proportion of plants with cyanid glucoside	weak	3
5	Plant: prominence of whit leaf marks	medium	5
6	Time of flowering	medium	5
14	Leaf: length of medial leaflet	long	7
15	Leaf: width of medial leaflet	broad to very broad	8
16	Leaf: size of median leaflet	large	7
17	Leaf: ratio of length to width of median leaflet	medium	5

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In Collaboration with: Delley Seeds and Plants Ltd (DSP), 1567 Delley

Authors: Christoph Grieder and Peter Tanner, Agroscope

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