



VELOX

Meadow foxtail (4n)

Alopecurus pratensis L.

The new meadow foxtail variety from Switzerland

Things to know

The variety Velox was produced by crossing the old variety Vulpera with material from various other origins. 15 years after the approval of the variety Alopex, it is the first Swiss variety to be approved after a long time. However, this waiting period was worth it: in the official variety test from 2014 to 2016, Velox outperformed the already approved varieties in all criteria except overwintering capacity. The time of ear emergence of Velox is 5 days earlier than Alopex.

Descent

Base material

Material of the old variety Vulpera crossed with ecotype populations from Island/Norway as well as with genetic material with low seed shattering

M0 seed

Row trial 2004 (AP0405) with seed harvest on 14 half-sib families from a polycross with 14 clones.

Literature

Frick R., Suter D., Hirschi H.-U., 2017. Sortenprüfung mit Wiesenfuchsschwanz: Neuzüchtung erzielt Spitzenergebnis. Agrarforschung Schweiz 8(11), 424-427

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2017

Situation abroad

Agronomic characteristics

Results of the official Swiss variety trials 2014-2016 (Frick et al. 2017)

	VELOX	Mean
Yield	4.3	5.4
General impression	2.5	3.2
Juvenile growth	2.2	2.9
Competing ability	3.9	4.2
Persistence	3.5	4.3
Resistance to leafspots an rust	3.0	3.2
Digestibility of the organic matter	4.7	5.2
Persistence at higher altitudes	3.0	3.5
Index (weighted average of all notes)	3.5	4.1

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 Scharnhorst, BSA (DE), 2015-2017

UPOV No	Characteristics	State of expression	Note
1	Plant: natural height in the year of sowing	medium to tall	6
8	Time of inflorescence emergence (after vernalization)	medium to late	6
12	Flag leaf: length	medium	5
13	Flag leaf: width	medium	5
14	Plant: length of longest stem including inflorescence	medium to long	6

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