



ARARA

Perennial Ryegrass (2n)

Lolium perenne L.

Things to know

The variety Arara is similarly early heading as the ancient variety Arion. Arara shows a very strong juvenile growth. The variety is very persistent and well adapted to use at higher altitude. It is thus predestinated for the use in marginalities of fodder cropping. With the resistance to rust, Arara shows a strong progress compared to the equally diploid variety Arion.

Descent

Base material

Breeding material of ART Reckenholz tracing back to Swiss ecotypes as well as material of the variety Aruga.

M0 seed

Row trial 1997 (LP9725) with 22 clone progenies from a polycross in 1995.

Literature

Suter D., Frick R., Hirschi H.-U., 2023. Sortenprüfung Englisches Raigras: Sechs Neuzüchtungen nehmen die agronomische Hürde. Agrarforschung Schweiz 14(1), 122-129

Kempf K., Schubiger F.-X., Tanner P., Grieder C., 2020. Mehr Gene, mehr Leistung: die neuen Englisch-Raigras-Sorten von Agroscope. Agrarforschung Schweiz 11(1), 1-8

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2007

Further registered in the following countries

Agronomic characteristics

Results of the official Swiss variety trials 2020-2022
(Suter et al. 2023) (2n, früh-mittelfrüh)

	ARARA	Mean
Yield	6.3	6.5
General impression	3.5	3.7
Juvenile growth	3.5	3.5
Competing ability	4.2	4.2
Persistence	3.1	3.3
Resistance to winter conditions	3.5	3.4
Resistance to leafspots and rust	5.1	5.1
Digestibility of the organic matter	7.0	6.2
Persistence at higher altitudes	3.6	3.6
Index (weighted average of all notes)	4.3	4.3

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 (DEU), 2004-2006

UPOV No	Characteristics	State of expression	Note
1	Ploidy	diploid	2
3	Plant: tendency to form inflorescences (without vernalization)	very strong	9
5	Leaf: color in the year of sowing	medium green	5
8	Time of inflorescence emergence (after vernalization)	very early	1
10	Flag leaf: length	short to medium	4
11	Flag leaf: width	medium	5
12	Plant: length of longest stem including inflorescence	short to medium	4