



IBEX

Hybrid Ryegrass (4n)

Lolium x hybridum Hausskn.

Things to know

IBEX achieved the highest marks of all tested varieties in the official Swiss variety trials, which were completed in 1999. In comparison to the other Swiss cultivars, which are already very well classified, IBEX shows once more a distinctive breeding progress. Also in the recent serial trial in Germany, IBEX achieved the top result. IBEX, similar to REDUNCA, tends to form many reproductive tillers in the summer growth, its yield potential reaches that of Italian ryegrass. The leaves of IBEX though, are finer and the hybrid character is, in comparison to REDUNCA, better recognisable.

Descent

Base material

Selection of material of the variety GAZELLA and hybrid ryegrass treated with colchicine which accrues from crossbreedings between Swiss ecotypes of perennial ryegrass and the varieties TURILO and LIAL.

M0 seed

Row trial in 1991 (LH9125) with 57 clone progenies from a polycross 1989 with 110 clones.

Literature

Frick R., Suter D., Dereuder E., Hirschi H.-U., 2021.

Sortenprüfung für Futterpflanzen: zwei Neuerungen beim Bastard-Raigras. Agrarforschung Schweiz 12(1), 151-156

Suter D., Frick R., Hirschi H.-U., Aebi P., 2015. Bastard-Raigras: 26 Sorten im Feld geprüft. Agrarforschung Schweiz 6(9), 392-399

National listing

Situation in Switzerland

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

Further registered in the following countries

DEU, FRA, LUX

Agronomic characteristics

Results of the official Swiss variety trials 2018-2020

(Frick et al. 2021) (Typ "IR")

	IBEX	Mean
Yield	4.8	4.8
General impression	4.2	4.2
Juvenile growth	2.2	2.2
Competing ability	5.1	5.1
Persistence	6.5	6.5
Resistance to winter conditions	4.2	4.2
Resistance to leafspots and rust	3.4	3.4
Resistance to bacterial wilt	3.0	3.0
Digestibility of the organic matter	6.7	6.7
Index (weighted average of all notes)	4.5	4.5

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 Scharmhorst, BSA (DEU), 1998-2000

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
3	Plant: tendency to form inflorescences (without vernalization)	very weak to weak	2
5	Leaf: color in the year of sowing	medium green	5
8	Time of inflorescence emergence (after vernalization)	early	3
10	Flag leaf: length	long	7
11	Flag leaf: width	broad to very broad	8
12	Plant: length of longest stem including inflorescence	very long	9

