



# FIONA

## White Clover

*Trifolium repens L.*

### Things to know

FIONA is a cultivar with very big leaves and with a small part of plants producing hydrocyanic acid. Herein it differs distinctively from BOMBUS. FIONA excels in a very good winter hardiness and in a good persistence at higher altitudes.

This variety leads back on the same breeding material as APIS, namely on Swiss ecotypes from average sites.

### Descent

#### Base material

Crossings between Swiss ecotypes similar to Apis. Selected on a low part of plants producing hydrocyanic acid.

### MO seed

Row seeding in 2001 (TR0105) with seed harvest of 37 families.

### Literature

Suter D., Briner H.-U., Jeangros B., Mosimann E., 2006. Neue Sorten von Weissklee und Straussgräsern geprüft. Agrarforschung 13(6), 248-253

### National listing

#### Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2008

#### Situation abroad

AT

### Agronomic characteristics

Results of the official Swiss variety trials 2003-2005  
(Typ Ladino) (Suter et al. 2006)

	FIONA	Mean
Yield	3.4	4.4
Juvenile growth	3.3	3.6
General impression	3.7	4.0
Competing ability	6.3	5.9
Resistance to winter conditions	3.3	3.9
Persistence	3.7	4.3
Persistence at higher altitudes	4.7	5.8
Index (weighted average of all notes)	3.9	4.4

Scoring scale      1 = very good; 5 = medium; 9 = very poor  
Yield                Mean of 3 experimental sites over 2 years  
Mean                Mean value of standard varieties

### Description according to UPOV guidelines

DUS test conducted at Crossnacreevy, Belfast, AFBI (UK), 2004-2007

UPOV No	Characteristics	State of expression	Note
1	Ploidy	tetraploid	4
7	Time of flowering	late	7
14	Leaf: length of medial leaflet	long	7
15	Leaf: width of medial leaflet	broad	7
16	Leaf: size of median leaflet	large	7

