

## Lolium multiflorum

Italian ryegrass provides excellent quality forage for up to two years, depending on climate and available moisture. Due to its quick regrowth, very early development in spring and a prolonged growing period in autumn, this species usually has greater overall productivity than perennial ryegrass.

# Bartrento

## Production + palatability

- Late tetraploid Italian ryegrass.
- Top yielding variety in Germany.
- Suited for intensive forage production.
- Superb disease resistance = production + palatability.
- Officially listed in: Germany.



### Top yielding variety in Germany

Bartrento is a late heading (HD 20/5) tetraploid Italian ryegrass variety released by Barenbrug in 2014. It has been adopted to the German national list with excellent notes. Tested against current recommended varieties on many locations, Bartrento proved to outclass the standards in yield and performance (see table below). Though a few percentages seems a small difference, +1% yield in Italian ryegrass easily counts for 150 kg dry matter per hectare. In situations with high land- and forage prices, this means huge benefits for the farmer.

### Suited for intensive forage production

Bartrento has been selected from the Barenbrug breeding program under intensive grassland management. Using a high fertilization rate (>300 kg N/ha) and very frequent cutting (6-7 times/year), this variety showed an excellent performance. This means Bartrento is perfectly suited for farms who want to have a lot of forage from relative small area.

### Superb disease resistance = production + palatability

The importance of disease resistance in grasses isn't commonly well understood. When a crop gets infected by a disease, its leaf area turns from dark green into pale yellow and spotted. This will impact growth and thus, total yield. Besides that, fungi will infect the plants and multiply, even into the silage. This can cause bad fermentation and mould growth which results into lower palatability and feed value. Bartrento shows excellent notes for resistance against many diseases, so giving production + palatability!

- Nordic climate
- Continental
- Oceanic climate
- Mediterranean

## Characteristics

Tetraploid



Late heading



German National Trials, 13 locations, two test years 2008 - 2009 (Source: BSA, 2010)						
Bartrento tested against recommended varieties						
	Total DMY	DMY 1st cut	Early spring growth	Winter-damage <sup>1</sup>	Leaf spot disease <sup>2</sup>	Crown rust disease <sup>2</sup>
BARTRENTO (T)	101	101	7,4	-0,35	1,4	2,0
TAURUS (T)	100	104	7,2	-0,35	1,9	2,7
ZARASTRO (D)	100	96	6,7	-0,2	2,0	2,7
TIGRIS (D)	98	91	7,1	-0,3	2,0	2,3
GISEL (T)	94	104	7,3	-0,35	1,7	2,6
Trial location average	97	96	6,8	-0,3	2,0	2,3

<sup>1</sup>: Difference before and after winter - small difference = less winterdamage

<sup>2</sup>: High score = high disease resistance

## Specifications

Species	Italian ryegrass
Heading	Late
Ploidy	Tetraploid

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