

Italian ryegrass

Profile

ARMAN is a tetraploid Italian ryegrass, which shows a high early spring growth (rel. 103) that leads to outstanding total annual yield in the year of sowing (rel. 109). Moreover, it convinces with the best ground cover in the 1st harvest year, good disease resistances and digestibility.

National listing/Official recommendation:
UK

- ✓ very good early spring growth
- ✓ high mildew resistance
- ✓ best ground cover in 1st harvest year

Suitability

Ploidy tetraploid

Total Annual Yields

1st harvest year (% of 17.56 t DM/ha)	101
2nd harvest year (% of 14.35 t DM/ha)	96
Total yield: mean (% of 15.99 t DM/ha)	98
Year of sowing (% of 2.03 t DM/ha)	109
1st and 2nd cut ME yield, first harvest year (% of 117 000 MJ/ha)	100

Seasonal Growth (1st harvest year)

Early spring growth (% of 1.66 t DM/ha)	103
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Conservation management

1st conservation cut (% of 6.37 t DM/ha)	101
1st conservation cut D-Value	71.4
2nd conservation cut (% of 4.21 t DM/ha)	97
2nd conservation cut D-Value	65.2
Monthly cuts (% of 5.39 t DM/ha)	103

Agronomic characters

Ground cover% (1st harvest year)	59
Ground cover% (2nd harvest year)	46
Autumn ground cover (1-9, 1=poor 9=good)	3.4
Winter hardiness (1-9, 1=poor 9=good)	[7.1]

Disease resistance

Ryegrass mosaic virus (1-9, 1=poor 9=good)	-
Mildew (1-9, 1=poor 9=good)	6.9
Brown Rust (1-9, 1=poor 9=good)	6.7
Crown Rust (1-9, 1=poor 9=good)	7.3

Source: AHDB Italian Ryegrass Varieties Recommended List 2023/2024

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