



# EXPLOSION

Lolium perenne

## Profile

EXPLOSION is an intermediate tetraploid perennial ryegrass with outstanding quality properties, based on the results of the Chamber of Agriculture in Germany. High sugar contents combined with an excellent digestibility are the fundament for high milk yields, as shown in the picture at the bottom. The high quality is ensured due to a very good resistance to rust. Additionally, EXPLOSION convinces with consistently high yield levels. The exceptional winter hardiness and good adaption to moor sites are further important characteristics of this unique variety.

### National listing/Official recommendation:

BE, BY, DE, DK, NL, UK

Sowing rate: 40 kg/ha

- ✓ exceptional forage quality
- ✓ great sugar content and high digestibility of the cell walls
- ✓ excellent winter hardiness and suitable for moor



## Suitability

Ploidy	tetraploid
Maturity	inter

## Yield characteristics

Dry matter yield total	<div><div></div><div></div><div></div><div></div><div></div><div></div><div>7</div><div></div><div></div></div>	high
Dry matter yield - 1st cut	<div><div></div><div></div><div></div><div></div><div></div><div></div><div>7</div><div></div><div></div></div>	high
Dry matter yield - further cuts	<div><div></div><div></div><div></div><div></div><div></div><div>6</div><div></div><div></div><div></div></div>	medium to high

Plant stand development

Early growth development	<div><div></div><div></div><div></div><div></div><div></div><div>6</div><div></div><div></div><div></div></div>	medium to strong
Susceptibility to winter damage	<div><div></div><div></div><div></div><div>4</div><div></div><div></div><div></div><div></div><div></div></div>	low to medium
Tendency to lodging	<div><div></div><div></div><div></div><div></div><div>5</div><div></div><div></div><div></div><div></div></div>	medium
Persistence	<div><div></div><div></div><div></div><div></div><div></div><div>6</div><div></div><div></div><div></div></div>	medium to high
Sward density	<div><div></div><div></div><div></div><div></div><div>5</div><div></div><div></div><div></div><div></div></div>	medium

Healthiness

Susceptibility to rust	<div><div></div><div></div><div></div><div>4</div><div></div><div></div><div></div><div></div><div></div></div>	low to medium
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Quality

Inflorescence formation in aftermath	<div><div></div><div></div><div>3</div><div></div><div></div><div></div><div></div><div></div><div></div></div>	low
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Classification according to the descriptive variety list - Bundessortenamt (federal plant variety office, Germany) 2024 and our own results.

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