

# ASTONCRUSADER

*Lolium hybridum*

## Profile

AstonCrusader is DSV's first own bred hybrid ryegrass. It is a tetraploid variety which is officially recommended in England and Wales as well as in Germany. The recommendation in England and Wales directly shows that AstonCrusader produces very high total annual yields with an extraordinary early spring growth (rel. 106). Combined with excellent disease resistance, AstonCrusader is an absolutely top variety in this segment.

The official German BSA marks confirm the strong yield potential of this variety. AstonCrusader achieves strong and stable dry matter yields in the first and subsequent cuts. These characteristics are combined with good persistence, sward density and rust resistance. All in all, these were the most important characteristics that led directly to the variety being recommended in the low mountain region in Germany. AstonCrusader is yet another strong variety in the DSV portfolio suitable for broad use on the international markets. AstonCrusader is also an interesting variety for our farmers in grass seed multiplication.

National listing/Official recommendation:  
CO, DE, LU, BE, UK

- ✓ very high yield potential
- ✓ excellent early spring growth
- ✓ intermediate type (Lm/Lp)



## Suitability

Ploidy	tetraploid
Maturity	early to inter

## Yield characteristics

Dry matter yield total	<div><div></div><div></div><div></div><div></div><div></div><div>6</div><div></div><div></div><div></div></div>	medium to high
Dry matter yield - 1st cut	<div><div></div><div></div><div></div><div></div><div></div><div>6</div><div></div><div></div><div></div></div>	medium to 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></div><div>5</div><div></div><div></div><div></div><div></div></div>	medium
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## Quality

Inflorescence formation in aftermath	<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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Classification according to the descriptive variety list - Bundessortenamt (federal plant variety office, Germany) 2022 and our own results.

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