

# Variety Description

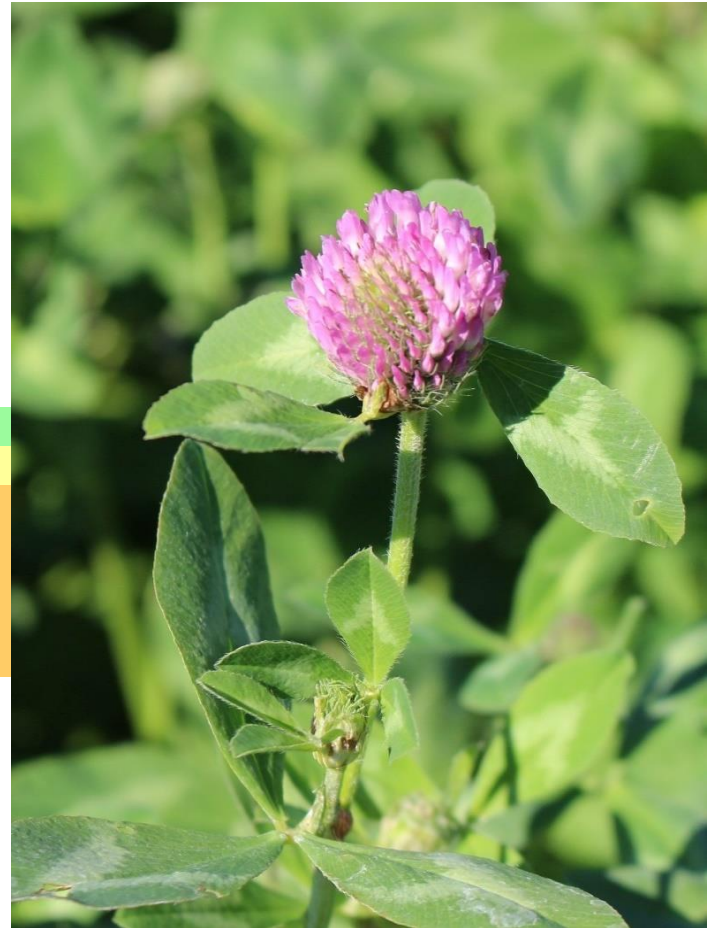
## Variety

**OSMIA**

<b>Species</b>	Red clover
<b>Botanical name</b>	Trifolium pratense
<b>Ploidy</b>	4
<b>Seeding rate</b>	25-30 kg/ha
<b>Distance between rows</b>	Similar to cereals
<b>Sowing period</b>	March to August
<b>Sowing depth</b>	1-2 cm

### Agronomic figures\*:

Development after sowing	7
Tendency to winterkilling	-
DM-yield total	7
DM-yield first cut	7
DM-yield in aftermath	7
Total DM-yield in second main production year	7
Shortage after second winter	4
Persistence	7
Crude protein content	4
Beginning of flowering	2
Susceptibility to sclerotinia trifoliorum (clover rot)	3
Susceptibility to southern anthracnose (stem canker)	2
Susceptibility to mildew	4
Tendency to lodging	7



### Clarification of figures\*:

1: very early, very low / 5: medium / 9: very late, very high

\* **Source:** Federal Plant Variety Office 2021

### Variety description

OSMIA is a first-class tetraploid red clover variety. Depending on how individual characteristics are weighted, it may even be the top variety in the portfolio. Particularly noteworthy are its vigorous development after sowing and the extremely stable and uniform distribution of the variety's considerable yield across all evaluated cuts. In particular, its very high persistence underpins the sustained high yields seen in the second year. Consistent with its solid growth after sowing, sustained yields and persistence, OSMIA leads the pack in terms of ground cover and weed suppression (two important characteristics when striving to reduce chemical crop protection measures). With a low susceptibility to mildew and clover rot, as well as a very low susceptibility to southern anthracnose (stem canker), the variety's health status is above average.

### Most important characteristics

High yields and persistence  
Very healthy  
High mass formation right after planting

### Usage

Also available as **coated seed** [Mantelsaat®].  
Suitable inoculant with appropriate rhizobia:  
**RhizoFix® RF-40**

