

PRODUCT DATA SHEET

Subterranean clover

Botanical name	Trifolium subterraneum
Seeding rate	20-30 kg/ha when planted on its own 5-10 kg/ha in mixtures for greening of vineyards and orchards
Distance between rows	12,5-20 cm
Sowing period	When planted on its own, March to late August
Sowing depth	1-2 cm



Usage

Subterranean clover is a versatile legume with ground-cover growth habit

- as undersowing in cereal (including maize), rapeseed
- as a valuable component of mixtures for green manure, regenerative agriculture, mulch and vineyard greening
 - can be sown as a single crop or in mixtures
- as fodder plant

Botany and morphology

- Family: Fabaceae (legumes)
- Origin: Mediterranean region
- Annual, non-winter-hardy clover species, reaches a height from 15 to 30 cm
- Plant life cycle of this species is highly adaptable to a wide range of cover crops
- In a case of undersowing, subterranean clover is less competitive against a covering crop than white clover
- The plant is leafy and highly branched → Good weed suppression ability
- Long, deep-penetrating taproot
- Round, haired, fleshy stems, later are hardened
- Trifoliate leaves, heart-shaped, 0,8-2 cm long, haired, with leaf marking
- Inflorescence is composed of three white florets (5 mm)
- Self-pollinator

Climate requirements

- Warm, sunny climate
- High sensitivity to frost

Soil requirements

- Well-drained soil that warms up easily
- Fine, crumbly and well-settled seeded
- pH of 5,5-7

Crop rotation

- Subterranean clover has a good preceding crop effect
- Improves soil trafficability
- Like clover, it is not autotolerant; pure stands require an interval of 5-6 years



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Crop protection

- Subterranean clover has, in general, a low susceptibility to diseases and pests, if the required cultivation intervals are maintained
- Rarely, common clover diseases can occur

Fertilization

- As a legume, subterranean clover can convert atmospheric nitrogen into a form usable by plants
- Requires adequate supply of iron, molybdenum and sulphur

Harvest and treatment

- Cutting when used for fodder



Any questions? Please feel free to contact us!

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