

SUBTERRANEAN CLOVER

trikkala

Trikkala is a large, cream-seeded Sub-Clover that belongs to the *Trifolium subterraneum ssp. yanninicum* family. It demonstrates a prostrate to semi-erect growth habit, persists well on moderate to heavy soil types, and will tolerate periods of waterlogging.

Trikkala demonstrates early to mid season maturity which makes it suited for medium rainfall environments. It demonstrates good seedling vigour and will provide excellent growth during the winter and early spring period.

Trikkala can be grown in areas with a 5–6 month growing period and can be used in short term cereal rotations. It has been superseded by superior varieties with improved disease resistance and herbage production. Trikkala will provide the benefits of soil nitrogen whilst providing an effective disease break.

CHECKLIST

- ✓ **Early season maturity**
- ✓ **Low hard seed levels**
- ✓ **Tolerant of waterlogging**
- ✓ **Moderate resistance to Clover Scorch**

RAINFALL

Trikkala is well suited to temperate areas receiving a total annual rainfall of 500mm+.

SOIL TYPE

Trikkala is suited to a wide range of medium to heavy soils types with an ideal pH range of 5.0–7.0 (CaCl_2) but will remain productive in soils down to pH 4.5 (CaCl_2) and can tolerate periods of waterlogging. Growers should consider liming (coating or fertiliser applications) if sowing into high acid situations (i.e. $<4.9 \text{ CaCl}_2$). Responses to lime can occur up to pH 6.0 (CaCl_2).

INOCULANT

Apply Group C Rhizobium to the seed prior to sowing. Plant nodulation is extremely important for soils below pH 7.0 (CaCl_2). Inoculation is essential to ensure sufficient nodulation occurs and to maximise nitrogen fixation.

MATURITY

Trikkala is an early to mid maturing type, flowering approximately 112 days after sowing. It is approximately one week earlier than Riverina and two weeks earlier than Gosse Sub-Clover.

REGENERATION

Trikkala has a low level of hard seed (5–10%) which will reduce its ability to develop a large seed bank over time compared to other hard-seeded varieties. Trikkala will germinate readily during the opening rains and is best suited to short term rotations.

GRAZING

Trikkala demonstrates good seedling growth and provides strong herbage production during the winter and early spring periods. It is well suited to grazing and can provide good quality hay or silage. Care must be taken with newly sown pastures so as not to over graze too early as plants can be pulled from the ground. Light grazing during the establishment period will help control weeds and encourage dense prostrate growth. Once established, heavy grazing of Trikkala up to flowering will improve seed set. When flowering begins, stocking rates should be reduced to optimise seed set.



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DISEASE RESISTANCE

Trikkala is highly resistant to Phytophthora Root Rot (*Phytophthora clandestina*) race 0 but is susceptible to race 1. It demonstrates moderate resistance to Clover Scorch (*Kabatiella caulivora*), Fusarium Root Rot (*Fusarium spp.*) and Cercospora Leaf Spot (*Cercospora zebrina*). Trikkala is moderately susceptible to Pythium Root Rot (*Pythium spp.*).

PEST RESISTANCE

Trikkala, as with all Sub-Clovers, is susceptible to Red Legged Earth Mite (*Halotydeus destructor*), Blue-Green Aphid (*Acyrtosiphon kondoi*), Blue Oat Mite (*Penthaleus major*) and Spotted Alfalfa Aphid (*Therioaphis trifolii*). Therefore control is essential at the early seedling stage and appropriate pest management must be implemented as required.

SOWING RATE

When sowing alone to produce a dense stand sow at minimum of 6–10kg/ha under dry land conditions and 10–15kg/ha under irrigation. In pasture mixtures Trikkala should be sown at 4–10kg/ha.

If sowing Trikkala for seed production it is suggested that a rate of 15–20kg/ha be used.

Optimum time for sowing is early autumn after rainfall. Sow at a depth of 1–1.5cm into a moist seedbed free of broadleaf and grass weeds.

Seedmark Exclusive Varieties

BISERRULA

Mauro

CLOVER

Arrowleaf

Cefalu

Zulu II

Balansa

Bolta

Frontier

Berseem

Elite II

Crimson

Blaza

Persian

Kyambro

Laser

Lightning

Morbuk

Nitro Plus

Subterranean

Antas

Campeda

Denmark

Gosse

Losa

Napier

Rosedale

York

White

Quest

Waverley

FORAGE

Woolly Pod Vetch

Capello

Haymaker

LUCERNE

Aquarius

Genesis

Sirosal

Venus

MEDIC

Barrel

Caliph

Jester

Burr

Scimitar

Hybrid

Toreador

PASTURE GRASS

Cocksfoot

Kasbah

Phalaris

Atlas PG

Australian II

Holdfast

Landmaster

Rhodes Grass

Nemkat

Tall Fescue

Fraydo

SERRADELLA

French

Cadiz

Erica

Margurita

Yellow

Charano

Santorini

This seed is tested for quality by ISTA Accredited Laboratories. A seed testing analysis certificate is available upon request from your seed supplier.



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