

SUBTERRANEAN CLOVER

clare

Clare is a black seeded Sub-Clover that belongs to the family of *Trifolium subterraneum ssp. brachycalycinum*. It demonstrates an upright growth habit and persists well on moderate to heavy soil types that are neutral to alkaline. Clare has mid to late season maturity which makes it well-suited for medium to high rainfall zones. It has good seedling vigour and provides excellent growth during the winter and early spring period. Clare is suited for use as a permanent pasture in areas with a 7 month growing period or in a short term cereal rotation. It has now been superseded by superior varieties with improved hard seed levels and herbage production. Clare will provide the benefits of soil nitrogen whilst providing an effective disease break.

CHECKLIST

- ✓ **Late season maturity**
– 136 days to flower
- ✓ **Strong seedling growth**
- ✓ **Low hard seed levels**

RAINFALL

Clare is suited to temperate areas receiving a total annual rainfall of 550mm+ and irrigation.

SOIL TYPE

Clare Sub-Clover is suited to a wide range of soil types ranging from sandy loams to clay soil types but requires moderate levels of drainage. Clare will grow in slightly acidic soils down to pH 6.0 (CaCl_2), but performs best in neutral to alkaline soils.

INOCULANT

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

MATURITY

Clare is a mid to late season maturing type, flowering at approximately 136 days after sowing. This displays similar maturity to Antas Sub-Clover.

REGENERATION

Clare demonstrates low levels of hard seed which will reduce its ability to develop a large seed bank over time compared to other hard seeded varieties. This makes Clare more suited to short term pasture rotations.

GRAZING

Clare will demonstrate strong seedling vigour along with good winter and spring productivity for many years. It will be suited to permanent pasture in areas with a growing season of 7 months. Clare has now been surpassed by Antas which demonstrates superior winter and spring production and increased hard seed levels to ensure long term persistence.

Care must be taken with new sown pastures so as not to overgraze 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 Clare up to flowering will improve seed set. When flowering begins, stocking rates should be reduced to optimise seed set.



better seeds, better choices

Seed Technology & Marketing Pty Ltd 78 Sir Donald Bradman Drive, Hilton, South Australia 5033 Australia

Telephone +61 8 8234 9333 Facsimile +61 8 8234 6133 Email sales@seedmark.com.au www.seedmark.com.au

DISEASE RESISTANCE

Clare has demonstrated resistance to Leaf Rust (*Uromyces trifolii-repentis*) and Cercospora Leaf Spot (*Cercospora zebrina*). However, it is highly susceptible to all known races of Phytophthora Root Rot (*Phytophthora clandestina*) and Clover Scorch (*Kabatiella caulincola*).

PEST RESISTANCE

Clare, 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 (*Theroaphis 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 15–20kg/ha under irrigation. In pasture mixtures, Clare should be sown at 4–10kg/ha.

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

Optimum time for sowing is early to late 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
Morbulk
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.



better seeds, better choices

Seed Technology & Marketing Pty Ltd 78 Sir Donald Bradman Drive, Hilton, South Australia 5033 Australia

Telephone +61 8 8234 9333 Facsimile +61 8 8234 6133 Email sales@seedmark.com.au www.seedmark.com.au