

SUBTERRANEAN CLOVER

seaton park

Seaton Park is a black-seeded Sub-Clover that belongs to the *Trifolium subterraneum ssp. subterraneum* family. It demonstrates a prostrate to semi-erect growth habit and persists well on various soil types that are acidic. Seaton Park has early to mid season maturity which makes it well suited to low to medium rainfall areas. It is moderately hard-seeded, providing good levels of persistence and is suitable for either permanent pasture or short to medium-term cropping rotations, with a growing season of at least five months. Seaton Park will provide the benefits of soil nitrogen whilst providing an effective disease break.

CHECKLIST

- ✓ **Early-season maturity**
- ✓ **Suited to permanent pasture**
- ✓ **Moderate hard seed levels**
- ✓ **Resistant to Phytophthora Root Rot**

RAINFALL

Seaton Park is well suited to temperate areas receiving a total annual rainfall between 475–700mm.

SOIL TYPE

Seaton Park is suited to a wide range of light to medium soil types which are moderately well drained 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). 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

Seaton Park is an early maturing type, flowering approximately 112 days after sowing. This is the same maturity as York and approximately two weeks later than Dalkeith.

REGENERATION

Seaton Park has moderate hard seed levels (23%) compared to several other Sub-Clover varieties. This characteristic allows Seaton Park to build up a good reserve of seed in the soil over time, thus enhancing persistence and productivity for many years.

GRAZING

Seaton Park is well suited to grazing and 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 Seaton Park up to flowering will improve seed set. When flowering begins, stocking rates should be reduced to optimise seed set.

DISEASE RESISTANCE

Seaton Park has demonstrated good resistance against all strains of Phytophthora Root Rot (*Phytophthora clandestina*). It is susceptible to Clover Scorch (*Kabatiella caulivora*), Cercospora Leaf Spot (*Cercospora zebrina*), Leaf Rust (*Uromyces trifolii-repentis*) and Root Rots caused by Pythium (*Pythium spp.*).



Seaton Park is generally grown in low to moderate rainfall environments, therefore disease pressure of Pythium and Clover Scorch is not considered to be a significant disadvantage.

PEST RESISTANCE

Seaton Park, 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 a minimum of 6–10kg/ha under dry land conditions and 10–15kg/ha under irrigation. In pasture mixtures Seaton Park should be sown at 4–10kg/ha.

If sowing Seaton Park under irrigation 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
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 Web www.seedmark.com.au