

Alexandria

BERSEEM CLOVER *Trifolium alexandrinum*



Seeding Rate	kg/ha
Dryland	8 - 10
High Rainfall/Irrigation	10 - 15
Seed Treatment	Goldstrike®
Description	True multi-cut berseem clover
Market Segment/Target	Grazing and hay production
Features	Quick establishment vigour Multiple cut variety Low bloat potential
Benefits	High forage yield potential Multiple cuts, pairs well with annual grass companions Early vigour results in good winter production
Range	
Low Bloat™	Y
Super N Fixer™	N
XtraLeaf®	N

SEED AGRONOMY TABLE	
Maturity	Mid-Late
Hard Seed Level (description)	Low
Waterlogging Tolerance	Very good

ESTABLISHMENT GUARANTEE™

At S&W Seed Company Australia we're so confident about our seed genetics and seed quality, we will replace seed at half the original purchase price if it fails to establish satisfactorily in the first thirty days*

STRENGTHS

High nutritive value and is productive throughout year
Some tolerance of salinity
Free of oestrogen risks

LIMITATIONS

Poor regeneration
Intolerant of heavy frost

PASTURE TYPE AND USE

A winter-growing, annual capable of excellent early growth in autumn. Suited to seasonal irrigation.

WHERE IT GROWS

Rainfall: Greater than 600 millimetres in winter/spring rainfall zone for dryland use. Mainly used with irrigation. Tolerates water with up to 1000 parts per million salt.

Soils: Best on neutral to alkaline soil, pH 6 to 8. Moderately tolerant of waterlogging and saline soil. Well suited to deep alluvial soil.

Temperature: Good heat tolerance, low cold tolerance. The least winter hardy of the cultivated clovers. It should not be grown in areas where winter temperatures commonly go as low as 6°C.

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PLANT DESCRIPTION

Plant: Erect, annual with short tap root; grows to 750 millimetres.

Stems: Slender, hollow, branched.

Leaves: Plain, trifoliate, slightly hairy on both surfaces; oval leaflets with, near the tip, serrated margins.

Flowers: Oval/cone shaped, approximately equal to 2 centimetres in diameter, numerous, cream.

Pods: Contain 1 to 2 seeds.

Seeds: Oval, yellow/red-brown; approximately equal to 350,000 per kilogram.

ESTABLISHMENT

Grasses: Italian ryegrass and festulolium.

Legumes: Persian, medics, balansa, arrowleaf clovers.

Sowing/Planting rates in mixtures: 3 to 5 kilograms per hectare. Ensure seed is Goldstrike® treated.

Sowing/Planting rates as single species: 6 to 15 kilograms per hectare. Ensure seed is Goldstrike® treated. Sow at 15 to 20 millimetres into a clean, finely worked seed bed and roll.

Sowing time: Early Autumn.

Inoculation: Goldstrike® treated. The use of Goldstrike® XLR8™ seed treatment is recommended to reduce damage from insects at seedling stages.

Fertiliser: Major nutrient requirements are phosphorous and potassium. Sulphur and molybdenum may be required in some areas.

MANAGEMENT

Grazing/Cutting: More suited to cutting/fodder conservation; quick regrowth and good aftermath - on suitable soils. Rotationally grazing in cool season when 15-20 centimetres tall; this stimulates tillering. If sown with grass must graze late winter/early spring to allow clover to contribute later. Set residues at 2-3 centimetres (winter) and 4-5 centimetres (spring) to avoid over grazing.

Ability to Spread: Poor recruitment; no hard seed.

Weed Potential: Low. Seed very susceptible to false breaks.

Major Pests: Red legged earth mite, blue-green aphid, spotted alfalfa aphid, heliothis, blue oat mite.

Major Diseases: Some cultivars susceptible to leaf and stem blight and clover scorch - Pythium, Phytophthora and Kabatiella Caulivora.

Herbicide Susceptibility: Glyphosate. Damaged by most broadleaf herbicides.

ANIMAL PRODUCTION

Feeding value: High; high protein content.

Palatability: Moderately palatable.

Production Potential: Good autumn, winter, spring.

Livestock Disorders/Toxicity: Low isoflavone content - no risk to breeding livestock. Low risk of bloat.



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