

Turbo

PERSIAN CLOVER

Trifolium resupinatum sub species majus



Seeding Rate	kg/ha
Dryland	6 - 10
High Rainfall/Irrigation	10 - 15

Seed Treatment	Goldstrike®
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Description
Late season persian with excellent recovery from grazing or harvest

Market Segment/Target
Grazing and hay production

Features
Excellent seedling establishment and winter growth
Very late maturing variety
Good frost tolerance

Benefits
Regrowth after grazing or harvesting is exceptional, growth rates comparable with companion grass species
Able to be sown early and continue to produce late in the season
Highly digestible source of forage

Range	
Low Bloat™	N
Super N Fixer™	N
XtraLeaf®	N

SEED AGRONOMY TABLE

Maturity	Late
Hard Seed Level (description)	Low
Waterlogging Tolerance	Excellent

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
Extremely high production potential
Multi cut forage crop
Tolerant of seasonal flooding
Some tolerance of salinity
Free of oestrogen risks

LIMITATIONS

Poor regeneration

PASTURE TYPE AND USE

A winter-growing, annual capable of excellent winter and spring growth. Suited to seasonal irrigation. A valuable fodder crop.

WHERE IT GROWS

Rainfall: Greater than 500 millimetres in winter/spring rainfall zone for dryland use. Also used with irrigation. Tolerates water with up to 1500 siemens per centimetre on low salinity soils with adequate drainage.

Soils: Suited to clay soils, pH 5.5-8.5 (CaCl₂). Tolerant of severe waterlogging and mildly saline soil.

Temperature: Good heat tolerance. Quite tolerant of frost and cold but slow growing at low temperatures

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PLANT DESCRIPTION

Plant: Erect, annual. Up to 750 millimetres height.

Stems: Up to 35 millimetres diameter, hollow, soft.

Leaves: Trifoliate, up to 25 millimetres long, plain, strongly veined, oval-shaped leaflets with serrated margins.

Flowers: Pink-violet flowers. Many-flowered cluster and mature in axillary, white, spherical, woolly seed heads to 15 millimetres diameter on long stalks.

Pods: Membranous, dehiscent at thickened sutures; one seeded.

Seeds: Approximately equal to 1 millimetre long, ovoid, various colours (brown, olive, purple); Approximately equal to 1.5 million per kilogram.

ESTABLISHMENT

Grasses: Italian ryegrass.

Legumes: Balansa clover, arrowleaf clover

Sowing/Planting rates in mixtures: 3 to 7 kilogram per hectare. Ensure seed is Goldstrike® treated.

Sowing/Planting rates as single species: 5 to 15 kilograms per hectare; broadcast onto a finely worked, weed free seed bed and cover lightly by a roller or drill seed at 5 millimetre depth into a clean, finely worked seed bed. High seed rate boosts winter yield and reduces weed invasion. Ensure seed is Goldstrike® treated.

Sowing time: February (if irrigating) to April.

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

Fertiliser: Apply approximately equal to 20 to 30 kilograms per hectare annually and correct any nutrient deficiencies, especially K, Mo, Cu, S.

MANAGEMENT

Maintenance fertiliser: For optimum growth Olsen soil P (0 to 10 centimetres depth) less than 15.

Grazing/Cutting: Suited to winter grazing. Set residues at 2 to 3 centimetres (winter) and 4 to 5 centimetres (spring) to avoid over grazing. Rotationally graze during the cool season when 15 to 20 centimetres tall; this stimulates tillering. If sown with grass must graze late winter/early spring to allow clover to contribute later. Suited to hay/silage production; most valuable aftermath. Stems are nutritious but slow to dry; use conditioner to speed up drying. Fast regrowth facilitates second cut; remove bales promptly, hay quite susceptible to rain damage

Major Pests: Red legged earth mite and lucerne flea need to be identified and controlled rapidly during establishment.

Major Diseases: Some cultivars susceptible to leaf and stem rust (*Uromyces trifolii-repentis*) and clover rot (*Sclerotinia trifoliorum*).

Herbicide Susceptibility: Glyphosate. Damaged by many broad-leaf herbicides.

ANIMAL PRODUCTION

Feeding value: High (high soluble carbohydrate, high protein content and low NDF content). Retains excellent feeding value as dry standing hay during dry weather.

Palatability: Highly palatable legume.

Production Potential: Good winter, spring, summer.

Livestock Disorders/Toxicity: Low isoflavone content - no risk to breeding livestock. Low risk of bloat. Can be associated with photosensitization.



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