

Casper

WHITE CLOVER
Trifolium repens



Seeding Rate	kg/ha
Dryland	3 - 4
High Rainfall/Irrigation	5 - 8

Seed Treatment	Goldstrike®
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Description
Early maturing variety with large leaf size

Market Segment/Target
Permanent pasture grazing

Features
Early maturing variety
Large leaf trait
Good waterlogging tolerance

Benefits
Excellent permanent pasture option
Quick recovery from grazing, suits rotational grazing systems with a grass base
Highly digestible feed for elite animal performance

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

SEED AGRONOMY TABLE	
Maturity	Early
Hard Seed Level (description)	N
Waterlogging Tolerance	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 year
Round growth
Well adapted to grazing

LIMITATIONS

Vigour limited by viral diseases
Low tolerance to summer moisture stress

PASTURE TYPE AND USE

Most productive perennial for high rainfall/irrigated pasture; can maintain presence through ability to recruit seedlings. Vigorous growth in spring/summer can facilitate considerable nitrogen fixation by dominant stands.

WHERE IT GROWS

Rainfall: Greater than 700 millimetres.

Soils: Suited to a wide range of soil pH less than 4.5; optimum 5.3. Tolerates low exchangeable aluminium and poorly drained soils. Well suited to peaty soil.

Temperature: Cold and frost tolerant. Optimum range, 18 to 30°C.

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PLANT DESCRIPTION

Plant: Rhizomatous, prostrate perennial with stolons from crown rooting at nodes. Some stolons may be buried.

Stems: Smooth, hairless. Stipules short, needle-point on bluntish end. Spherical seed head.

Leaves: Trifoliolate, leaflets oval or heart shape may have light crescent mark on upper side. Smooth, hairless.

Flowers: 30 to 40 white/seed heads dense clusters on long stalk; globe shaped to 2.5 centimetre diameter, pale pink/ white, fade to brown.

Pods: Small, oblong pods containing 3 to 4 seeds.

Seeds: Brown/yellow; egg/heart-shape, approximately equal to 1.6 million per kilogram.

ESTABLISHMENT

Grasses: Most temperate and subtropical spp. including perennial ryegrass, phalaris, tall fescue, kikuyu, paspalum, Rhodes grass and Setaria.

Legumes: Strawberry clover, red clover and sub clovers.

Sowing/Planting rates in mixtures: 0.5 to 2 kilograms per hectare. Ensure seed is Goldstrike® treated.

Sowing/Planting rates as single species: 3 to 8 kilograms per hectare; sow at 5 to 15 millimetres into a clean, finely worked seed bed and roll. Ensure seed is Goldstrike® treated.

Sowing time: Autumn or Spring.

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

Fertiliser: Correct any nutrient deficiencies, especially K, P, Mo, S, Cu, B.

Herbs: Plantain, chicory.

MANAGEMENT

Maintenance fertiliser: For optimum growth Olsen soil P greater than 15.

Grazing/Cutting: Very suitable for silage/hay. Excellent cattle pasture. Can be grazed hard but is susceptible to sustained heavy grazing by sheep in dry conditions; densely stoloniferous but varies with cultivars, small leaved cultivars are less susceptible.

Ability to Spread: Recruits seedlings well; cattle effectively spread seed via dung.

Weed Potential: Moderate on disturbed land free of competitive species only. Prolific seed set and some hard seed dispersed by livestock.

Major Pests: Red legged earth mite, lucerne flea, corbies, cockchafer, webworm, nematodes, cutworms, budworms, reticulated slug.

Major Diseases: Fungal: Clover rot (*Sclerotinia trifoliorum*) Wart disease (*Physoderma trifolii*). Viral: Alfalfa Mosaic Virus, White Clover Mosaic Virus, Clover Yellow Vein Virus. Mycoplasma: Phyllody.

Herbicide Susceptibility: A wide range of weeds may be encountered. When choosing selective herbicides, consider the stage of growth of the white clover and what non-target companion species are present.

ANIMAL PRODUCTION

Feeding value: High; nutritive value decline with maturity is considerably less than for most other species.

Palatability: Readily consumed by livestock, either as green or dry feed, including mature seed pods.

Production Potential: Good autumn and spring/early summer vigour; good winter-active cvv are available for districts (e.g. coastal) with milder winter.

Livestock Disorders/Toxicity: High bloat risk if dominant in spring. May contain cyanogenic glucoside compounds; the concentration is rarely sufficient to be significant.



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