



Product Fit

SARDI 7 Series 2 will provide superior performance wherever SARDI 7 was successful. This includes situations where persistent, high producing alfalfa stands are required and in grazing situations where winter produced feed can be utilised. It is suited to direct grazing or hay and silage production and can be sown in pasture mixes or under-sown with oats

In addition SARDI 7 Series 2 will perform well in dairy, beef and sheep production systems in high rainfall zones where dormant or semi-dormant varieties have traditionally been grown. It will persist and produce more dry matter than winter or semi-winter dormant varieties delivering more feed during the winter months when feed is in demand.

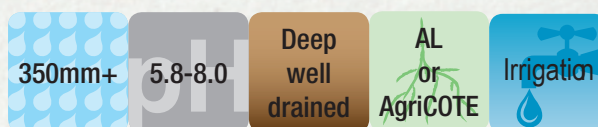
Breeding History

SARDI 7 Series 2 was developed using multiple cycles of selection for persistence and yield on Australian commercial farms under a range of farming systems (cattle, sheep, hay, dryland and irrigation). This process was combined with intensive screening for stem thickness and leafiness plus tolerance to bluegreen aphid, spotted alfalfa aphid, anthracnose and Phytophthora root rot.

Pest and Disease Resistance

SARDI 7 Series 2 has very high levels of resistance to the pest and disease strains present in Australia. As an example, the selection for BGA resistance was conducted with a new highly destructive biotype identified in SA in 2008/09. As a result it has a low level of tolerance to this new pest, which is an improvement on all other known alfalfa varieties. To deliver increased tolerance to cold, wet environments, the majority of the parentage comes from Victoria and New South Wales field selections. Thirty seven of the final fifty parent plants were selected from high rainfall or irrigated sites where high disease pressure, cold wet conditions and tolerance to heavy traffic and urine scalds from cattle grazing are the major stresses that affect persistence.

Medicago sativa



Key Features

- Winter activity rating of 7
- High yielding
- Multi-purpose
- Excellent persistence of 5 to 7 years
- Strong pest and disease resistance
- Good grazing tolerance
- Improved performance in cold, wet environments
- Well suited to grazing and hay production with a broad crown and high leaf to stem ratio

Description

SARDI 7 Series 2 is the next generation winter active alfalfa. It is even more versatile, broadly adapted and persistent than the current market leader, SARDI 7. It has been bred specifically for adaption to the Australian climate and will perform well in both dryland and irrigated systems. SARDI 7 Series 2 is ranked higher for persistence than SARDI 7 and other commercial cultivars in Australian trials.

Disease and insect resistance of SARDI 7 series 2

SPOTTED ALFALFA APHID	BLUEGREEN APHID	PHYTOPHTHORA ROOT ROT	ANTHRACNOSE
HR	HR	HR	HR

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