

Scimitar Burr medic

Pasture legumes



350mm – 450mm+



5.3–8.5_{CaCl}



Wide range types



AM or AgriCote



PBR

Suggested sowing rate

Mix: 2–6kg/ha

Scimitar (*Medicago polymorpha*) is a hybrid spineless burr medic developed as a superior replacement for Santiago. Scimitar is very productive on highly saline soils which are not subject to prolonged waterlogging. It also has a more erect growth habit, higher level of soft seed and increased herbage production relative to Santiago. Scimitar will provide increased herbage production and pest resistance for low to medium rainfall areas on a wide range of slightly acidic to alkaline soils. It will provide an effective disease break, while providing high quality feed for either hay or grazing purposes and is able to fix nitrogen, which is valuable for subsequent crop rotations.

Key features

- Early to mid season - approximately 90 days to flowering
- Erect growth habit with high herbage and seed production
- Maturity is 7 days later than Santiago
- Adaptable variety which grows on a wide range of soils
- High percentage of soft seed (24%) – Santiago (8.5%)
- Excellent ley farming option with dense regeneration
- Demonstrates excellent salt tolerance during key growing period compared to other species
- Better water logging tolerance than most medics

Key benefits

- High tolerance to saline soil conditions for a high-quality pasture option where other species may not grow
- Enables nitrogen fixation for improved pasture growth
- Produces high quality forage for livestock
- Good regeneration with both hard and soft seed levels

Agronomy and management

Scimitar is moderately hard seeded and produces approximately 24% soft seeds, compared to Santiago that has 8.5% soft seed. This will enable Scimitar to regenerate much better during the following year after seed set or after a cropping phase of up to two years compared to Santiago. The levels of hard seed in the soil will soften over a 5–10 year period, which is an extremely important characteristic of medic's ability to survive over a long period of time in marginal rainfall districts. During establishment, defer grazing until plants are well established, lightly graze prior to flowering and then remove stock to allow seed set. Summer grazing needs to be managed carefully in the first year as overgrazing will reduce future regeneration. Once established, Scimitar persists well under rotational grazing ensuring good early ground cover but also promoting prostrate plant growth. Scimitar can be grazed in the first year of sowing, providing fresh feed in winter and spring and dry feed in the summer and autumn.

Disease resistance/tolerance

Scimitar is generally free of foliar diseases but can be affected by black stem fungus (*Phoma spp.*) in undergrazed lush stands. Scimitar, like other medics, can suffer from Rhizoctonia (*Rhizoctonia solani*).

Pest resistance

Scimitar has low resistance to blue-green aphid (*Acyrtosiphon kondoi*) but is susceptible to spotted alfalfa aphid (*Therioaphis trifolii*) and cowpea aphid (*Aphis craccivora*). Glasshouse trials have shown moderate resistance to root lesion nematode (*Pratylenchus neglectus*). Like most other medics, Scimitar is susceptible to red legged earth mites (*Halotydeus destructor*), lucerne flea (*Sminthurus viridis*) and sitona weevil (*Sitona discoidea*).



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Confidence**



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