



Pacific MR43



VARIETY INFORMATION TECHNOTE

BREAKS THE YIELD BARRIER

A MEDIUM MATURITY, HIGHLY MIDGE RESISTANT SORGHUM

Pacific MR43 continues the advancement in the performance of Pacific Seeds grain sorghum hybrids. Pacific MR43 features improved standability, increased yield, and larger grain size.

Key features

- ▶ High yielding
- ▶ Five star standability
- ▶ Attractive large open heads with heavy golden grain
- ▶ Minimal leaf reaction to organophosphate insecticides and suitable for early planting
- ▶ Moderate tillering habit
- ▶ Medium maturity
- ▶ Widely adapted to all growing conditions
- ▶ High pollen production.

Medium maturity

Pacific MR43 is slightly quicker than MR-Buster in most areas and in tougher dryland conditions this maturity has proved to be a winner.

Suited to all sorghum areas

Pacific MR43 has been extensively tested over all major grain sorghum growing areas in Australia. Its performance has been excellent in all conditions including tough dryland and irrigated sites.

Ideal plant type

Pacific MR43 has a large open head with good sized golden red grain. Pacific MR43 consistently produces large grain even under the toughest conditions. The plant height is medium and the head is well exerted from the flag to facilitate an easy harvest.

Lodging resistance & yield

Pacific MR43 was bred to produce top yields with a high level of lodging resistance. This gives maximum grain in the bin and valuable post harvest grazing.

Tillering ability

Pacific MR43 has a medium-low tillering ability with an average of two to three tillers per plant.

Early planting suitability

In most areas, if early rains come growers are planting as early as possible. Pacific MR43 has very good seedling vigour and is recommended along with MR Maxi as the most suitable hybrids to perform on the earlier plant.

Midge resistance

A good all-round hybrid, Pacific MR43 has the added bonus of good protection from midge, with a midge tested rating of 5.

Reactions to organophosphate insecticides

Pacific MR43 has a minimal phytotoxic leaf reaction to these chemicals.

Days to flower

S.Qld/N.NSW	spring 71-75 days summer 67-70 days
Central Qld	55-59 days

Planting recommendations

Pacific MR43 is adapted to most soil types and planting conditions. Its medium maturity and good level of midge resistance allows it to be planted on the early, main or late plant.

Recommended established plant populations (plants/hectare)

S.Qld/N.NSW	
Marginal dryland	40-50,000
Good dryland	50-65,000
Central Qld	
Marginal dryland	40-50,000
Good dryland	45-55,000
All areas	
Irrigated	135-170,000

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