



Information Sheet

MARDAN 93

Introduction

Mardan 93 (CP 75/1353) possesses the qualities that have been appreciated by the research scientists as well as by the farmers. With early maturity, its tonnage is very attractive and gives persistent sugar recoveries.

Origin: Canal Point, Florida, USA
Year of Release: 1993
Parentage: CP 68/1154 x CP 68/1026

Quality and Yield

Mardan 93 is an early variety. It gives a cane yield in the range of 70 to 75 tons per hectare with commercial cane sugar (CCS) of 12.50%.

Agronomic Characteristics

The cane is medium thick, tall and erect with tapering alignment and greenish cylindrical joints with rare growth cracks or splits. Corky cracks are present on internodes. Buds are medium, ovate and yellowish in color. Leaves are broad, lush green in color with purple coloration towards apices. No pubescence is present on leaf sheath. Trashing is loose at maturity. Tillering capacity is satisfactory.

Reaction to Diseases/Pests

Tolerant to insect pests and diseases.

Fertilizers/Other Requirements

Mardan 93 requires 112 and 150-175 kg nitrogen/ha for plant and ratoon crop respectively. P₂O₅ and K₂O are to be applied each @ of 100 kg/ha. Full dose of phosphatic, potash, and a starter dose of nitrogenous fertilizer are applied in after the first hoeing in April when the crop has gully germinated. The remaining half nitrogen is applied before earthing-up in May/June (tillering stage). Needs 18-20 irrigation.

Seed Rate

5 tons seed cane/ha