

ICAR-ISRI, Lucknow and M/s Punjab Engineers, Meerut Sign MoA and MoU for Advancing Sugarcane Mechanization

The ICAR-Indian Sugarcane Research Institute (ISRI), Lucknow, and M/s Punjab Engineers, Meerut, Uttar Pradesh, have signed an Umbrella Memorandum of Agreement (MoA) to facilitate the licensing of advanced agricultural machinery developed by ISRI. The agreement was formally signed by Dr. R. Viswanathan, Director, ICAR-ISRI, Lucknow and Mr. Malkeet Singh, Managing Director, M/s Punjab Engineers, Meerut. Under this MoA, M/s Punjab Engineers received licenses for nine innovative sugarcane farming machinery developed by ISRI, including: Disc type ratoon management device (disc RMD), Deep furrow sugarcane cutter planter (two row automatic sugarcane cutter planter), Tractor operated trash mulcher-cum-stubble shaver device for sugarcane ratoon crop, Tractor operated deep furrower (ridger), Tractor-operated ring pit digger, Single bud/node cutter (manual), Tractor-operated trench opener, Sugarcane stripper-cum-detrasher (manual) and Seed drill (manual).

Additionally, a Memorandum of Understanding (MoU) was signed to establish a collaborative research initiative between ISRI and M/s Punjab Engineers for the design and development of a tractor-operated whole cane sugarcane harvester. Under this partnership, ISRI will serve as the scientific knowledge partner, conducting field trials and evaluating the harvester following to ICAR guidelines. The collaboration aims to facilitate the exchange of scientific expertise, research ideas, and technical advancements in sugarcane harvesting. This strategic partnership is expected to drive innovation in farm mechanization, support sustainable sugarcane cultivation, and contribute to the overall welfare of the farming community. By fostering mutual R&D growth and advancing field research, the agreement marks a significant step toward mechanization of sugarcane harvesting. This MOA and MOU signing ceremony was held in the presence of scientists from ISRI and Mr. Malkeet Singh, MD of M/s Punjab Engineers, Meerut. The scientific staff present on this occasion were Dr. Akhilesh K. Singh, Head, Division of Agricultural Engineering; Dr. Lal S. Gangwar, Principal Scientist, I/c AKMU & ITMU; Dr. Mrityunjai K. Singh, Principal Scientist; and Dr. Rajesh U. Modi, Scientist, Division of Agricultural Engineering, ICAR-ISRI, Lucknow.





