

Pakistan Approves Two Eco-friendly GM Sugarcane Varieties, Becomes Second Country After Brazil

The National Biosafety Committee (NBC) approved two environment-friendly GM sugarcane lines, CABB-IRS and CABB-HTS, declared safe for humans, animals, and the environment. Trials confirmed no toxic residues in juice, jaggery, and jaggery powder, and vegetative propagation ensures no gene flow. Both lines passed DUS testing by FSCRD and will undergo NUYT. This marks Pakistan's first locally developed GM sugarcane and a major milestone in agricultural biotechnology for economic growth and food security. Congratulations to Prof. Dr. Muhammad Sarwar Khan and his team and to agri-biotechnology scientists.



Dr. Muhammad Sarwar Khan
Developer of Technology

