

“Chinta Mango” Farmers Variety Registered in PPVFRA

Denis Giles – 15 May 2024



Port Blair, May 14: In a significant development, ICAR-CIARI, Port Blair facilitated Shri Chintaharan Biswas, a progressive mango farmer having more than 100 mango trees from Shaheed Dweep, to register his farmer variety with the name as “Chinta Mango” in the Protection of Plant Varieties and Farmers’ Rights Authority (PPVFRA), New Delhi. This is the first mango variety from this island to be registered in the PPVFRA and will be known as Chinta Mango. The certificate was handed over to Shri Chintaharan Biswas by Dr. Himanshu Pathak, Hon’ble Secretary, DARE & DG, ICAR during his recent visit to ICAR-CIARI, Port Blair.

“Chinta Mango” belongs to the species *Mangifera indica*, a cultivated mango species. The special feature of this genotype is the characteristic purple color in the peel at the unripened stage. ICAR-CIARI has made efforts for the morphological and biochemical characterization of this genotype. Fruits are large in size, and the individual fruit weight ranges from 300-400g. The fruits are delicious with yellow pulp, sweet with less fibre content and the average TSS recorded is 19.60B. Another unique feature of this genotype is the occurrence of polyembryonic seedlings. This is an additional advantage of this mango as the purity of the genotype can be maintained by seed propagation. The phytochemical characterization of fruit pulp showed its richness in carotenoids, flavonoids, ascorbic acid, and antioxidant activity.

The registration process was facilitated under the supervision of Dr. Eaknath B. Chakurkar, Director, ICAR-CIARI, Port Blair.