

#74-20-MI

Technology

Seed Technology

<https://www.argentina.gob.ar/inta/tecnologias/cultivar-de-yerba-mate-mejorado-geneticamente>



Genetically Improved *Yerba Mate (Illex Paraguariensis)* Cultivar

Regional Center: MISIONES MISIONES Darío Gunther, Agricultural Engineer

Yerba Mate (Illex Paraguariensis) and Tea Group

#yerba mate | #improved | #quality | # progenies | #cultivars | #varieties | #biclonal | #productivity

Progeny resulting from controlled cross-propagation in a biclonal seed orchard, which generates plantations that exceed biomass productivity by 50% to 100%, compared with materials without any degree of selection or genetic improvement.

The technology favorably impacts the whole *yerba mate (Illex Paraguariensis)* chain. There is high demand for genetically improved *yerba mate* materials from the primary production sector (farmers, nurseries). Between 50% and 100% increase of crop biomass productivity during harvest.

Fast to adopt and uniform plantations.

Very good response to crop management practices.

**National Coordination Office for Technological Cooperation and Institutional Relations, INTA .
Intellectual Property Department-Technological Antenna. Dr. Mariana Nanni
nanni.mariana@inta.gob.ar**