

RUBBER

R&D Roadmap



- Increased latex yield (1.28 mt/ha/yr in 2010 to 1.92 mt/ha/yr DR in 2021);
- Increased area planted to high yielding rubber clones from 8,000 has (2010) to >50,000 has in 2021



2021

- Field deployment Tech Transfer of new NSIC high yielding clones in the Phils.
- IEC/awareness campaign in managing *Phytophthora*, TPD and SB in key rubber production areas

2020

- Assessment of growth performance of rubber planted outside of Mindanao and recommended BFP package to rubber farmers in Luzon and Visayas
- Genomics assisted breeding for important traits in rubber
- Establishment of rubber budwood garden/nursery facility and model rubber plantation in Bukidnon

2019

- Rubber soil nutrition system using *Mucuna bracteata*
- Root trainer (USM) in nurseries and EM tech to control *Phytophthora* in rubber nurseries and field testing in rubber plantation and as biofertilizer
- Enhancement of R&D Center for Rubber & Cacao Germplasm Conservation and Management
- Establishment of Center for Biopesticides/Biocontrol & Biofertilizer R&D for Rubber and Various Crops

2018

- Tech transfer of technology on rubber budwood garden/nursery establishment and rubber plantation establishment in Basilan, North Cotabato and Laguna and rubber tapping trainings in major rubber-producing provinces; Development of nanosensor for rubber cuplumps
- Clonal Adaptation Trial of Newly Introduced High-Yielding and Promising Rubber Clones; Innovation of root trainer technique, tissue culture and en vivo, precision grafting technology for rapid propagation of quality planting materials of rubber; Development of site matching functions for improved rubber production in the uplands

2017