

MUNGBEAN

R&D Roadmap



- Increased yield (0.66 mt/ha to 1.2 mt/ha)
- Developed varieties for adverse conditions
- Sustained availability of high quality seeds
- Reduced pest & disease incidence by 30%
- Viable enterprises for mungbean-based nutri products



- Continuous technology upscaling and commercialization (STMF, STCBF)
- Established Mungbean R&D Center in TAU
- Impact assessment study

- Product processing and mechanization
- Good manufacturing Practices (GMP)
- Product development, processing and establishment of micro-enterprises)
- Continuous area expansion on Mungbean POT/Regions I, II

- Technology upscaling (STCBF)
- Continuous R&D on varietal development, ICM
- Seed Production and Distribution Center
- Production Center of Carrageenan for Mungbean
- Area expansion on Mungbean POT/Regions III

- Value Chain analysis of Mungbean in Regions II, III, VI and XI
- Development of Good Agricultural Practice (GAP) for Mungbean
- Establishment of Mungbean R&D Center (TAU)
- Development of mungbean-based nutri food products and improvement of packaging systems
- Study on social attributes to technology adoption, and analysis of trade and market policies

- Varietal development/breeding
- Protocol Development and Multi-location trials on PFS (Carrageenan)/ Regions II, III, VII and X
- Development of IPM strategies (BCAs)
- Development of seed production system and storage technology

2017

2018

2019

2020

2021