

**Partnership Holds the Key to Deploy New Tools in Peanut Breeding Programs**  
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CGIAR Research Program on Grain Legumes and Dry land Cereals (CRP-GLDC) promotes Crop Network Groups (CNGs), represented by multi-stakeholders as a platform for crop Product design, development, testing, advancements and delivery. Peanut regional network in Asia was established and supported by ICRISAT which engages stakeholders from six countries in Asia, Bangladesh, India, Myanmar, Vietnam, Srilanka and Laos PDR. CRP-GDLC engages with a similar multi-crop network in WCA region, supported by IAVAO.

ICRISAT and NARS peanut breeding programs have embarked the agenda of modernizing the peanut breeding and testing pipelines and closely engage with Excellence in Breeding Platform (EiB). Peanut breeding program at ICRISAT has been at forefront in deploying new tools in the breeding pipeline to enhance early generation selection and operational efficiency. ICRISAT and NARS deployed markers for high oleic trait based on the CAPS markers developed by University of Georgia. The seed chip technique shared by UGA was useful to genotype a large number of F2 seeds, thus enhancing operational efficiency in deploying genomic tools in breeding pipeline. The High Throughput Genotyping Platform (HTGP) of EiB enabled regular use of SNP based markers for high oleic trait by ICRISAT and NARS. Partnership of ICRISAT and NARS with advanced research institutes and platforms is important to develop genomic and phenotype tools and techniques for deploying in peanut breeding pipelines. Experience from APRES is useful to manage the regional multi-stakeholder peanut network groups in Africa and Asia.