

BREEDING FOR RESILIENT, EFFICIENT AND SUSTAINABLE ORGANIC VEGETABLE PRODUCTION

BRESOV has set out to improve the competitiveness of three important vegetable crops (broccoli, snap bean and tomato) in an organic and sustainable environment. With a strong participation of stakeholders from the breeding and farming sector, the project aims to create a pipeline for crop improvement that will accelerate the production of high-quality organic seeds for breeders and farmers around the world.



PREBREEDING

High quality genotyping and phenotyping

Identification of genes for specific needs in organic farming

Data integration and sharing



BREEDING

Screening of PGR for complex traits related to organic agriculture

Identification of high added value materials for organic agriculture sources of tolerance or resistance

EVALUATION

Evaluation and selection of breeding lines prior to on-farm testing

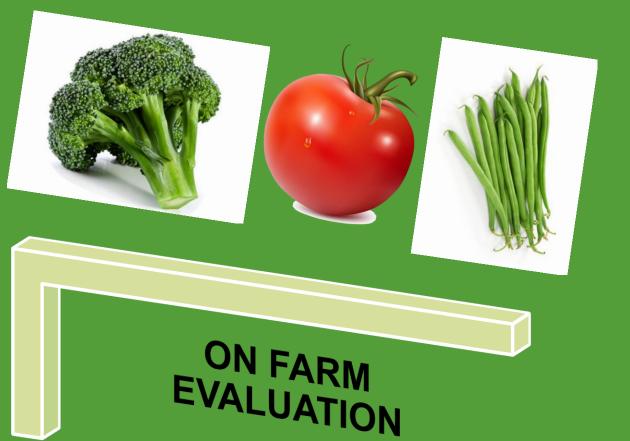
FARM

On-farm evaluation for agronomic performances in crop rotation models









RESULTS AND IMPACT OF BRESOV PROJECT



Improving competitiveness of three important vegetable crops in organic production



Extending the genetic basis of organic breeding for broccoli, snap bean and tomato



Enhancing existing and newly developed varieties for organic vegetable production



Increasing the plants tolerance to biotic and abiotic stress

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SPECIES DIVERSITY

