ICAR- INDIAN INSTITUTE OF SOYBEAN RESEARCH, INDORE

Project List

Project No.	Years	Project Title	PI
NRCS 1.1/87	1987-LT	Augmentation, management and documentation of soybean germplasm	Dr Sanjay Gupta
IISR 1.33/16	2016-LT	Development of YMV resistant soybean varieties using marker assisted selection	Dr Anita Rani
NRCS 1.12/02	2002-LT	Breeding for food grade characters and high oil content	Dr Anita Rani
DSR 5.6a/08	2009-LT	Breeding for drought resistance / tolerance varieties in soybean	Dr G. K. Satpute
IISR4.6/23	2023 LT	Pre-breeding for broadening of genetic base in soybean	Dr V. Rajesh
IISR 3.12/19	2019-2024	Soybean Improvement against defoliating insects	Dr Vangala Rajesh
IISR4.4/23	2023-31	Breeding for high seed and oil yield for different maturity duration in soybean	Dr Shivakumar M.
IISR4.5/23	2023-31	Breeding for resistance against charcoal rot and anthracnose diseases in soybean	Dr Nataraj V
IISR4.3/23	2023-2028	Enhancement of Seed Longevity of Vegetable Soybean (Glycine max l. Merr.) Genotype.	Dr Punam Kuchlan
IISR 3.15/2020	2020-2024	Development of genome edited soybean lines with improved oil quality	Dr Milind B. Ratnaparkhe
ISSR 3.16/21	2021-2026	Identification of genes/loci for better root system in soybean	Dr Giriraj Kumawat
CROP PRODUCTION			
IISR4.13/17	2022-27	Evaluation of residue management practices under permanent broad bed furrow as well as conventional tillage practices for sustaining/ improving resources use efficiency, soil quality and crop productivity in soybean-based cropping systems	Dr Rakesh Kumar Verma
IISR6.10/23	2023-2028	Standardization of sustainable (Natural/Organic farming/Conservation agriculture) management practices for soybean yield maximization under soybean-based cropping systems	Dr Raghvendra Narkund
IISR 7.8/23	2023-2028	Trait identification and physiological breeding for water logging tolerance in soybean	Dr Prince Choyal
IISR 8.17/2020	2020-2025	Development and evaluation of ICT tools and medias for ToT of soybean	Dr B.U. Dupare
IISR 8.18/23	2023 LT	Transfer of Improved Soybean Production Technologies for Increasing Soybean Production	Dr. B.U. Dupare
IISR 7.7/23	2023-2025	Development of Seed and Product Sale Portal for Online marketing in Soybean	Dr Savita Kolhe

DSR4.11/20	2020-2024	Field evaluation of potential plant growth promoting rhizobacteria (microbial consortia) and AM fungi on nutrient dynamics and mineral biofortification under soybean-wheat cropping system	Dr A. Ramesh
DBT, Government of India	2022-2025	Expansion of Activities of Biotech-KISAN Hub in Eight Aspirational Districts in Madhya Pradesh – Phase II	Dr. Rakesh Kumar Verma
CROP PROTECTION			
IISR3.11/22	2022-2027	Soybean Improvement against Rhizoctonia aerial blight disease	Dr Sanjeev Kumar
IISR 3.13/21	2021-2024	Isolation and identification of kairomones and sex pheromones components for soybean stem fly, Melanoagromyza sojae management	Dr Lokesh Kumar Meena
IISR 6.9/17	2017-2020	Bacterial mediated Sulphur bioavailability in soybean	Mr Hemant S. Maheshwari
IISR 3.12/2020	2020-2024	Interaction effect of phytohormones and AMF for enhanced nodulation, growth, yield of soybean with improved AMF symbiosis in the rhizosphere	Dr M. P. Sharma
NEW PROJECT PROPOSAL		SoyAI: Harnessing Artificial Intelligence for Soybean Advancement or SoyAI: Transforming Soybean Cultivation Through Advanced AI Modeling	Dr. Savita Kolhe
NEW PROJECT PROPOSAL		Standardization of package of practices for soybean production by using drone technology	Dr. Sanjeev Kumar
EXTERNAL FUNDED PROJECTS			
SERB, DST Govt. of India	2022-2025	Genomics strategies for improving anthracnose resistance in soybean (Glycine max L.)	Dr. Milind B. Ratnaparkhe
SERB, DST, Govt. Of India	2021-2024	Genome- wide association mapping of charcoal rot resistance in soybean (Glycine max L.)	Dr. Nataraj V.
BRNS, BARC, Mumbai	2022-2025	Development of high oleic acid mutants of KTI and lox2 free soybean gamma and electron beam	Dr. Vineet Kumar
DBT Government of India	2021-2024	Developing food-grade soybean using CRISPR/Cas9 mediated multiplex genome editing	Dr. Vineet Kumar
NASF, ICAR	2022-2025	Marker assisted stacking of yellow mosaic disease resistance, null Kunitz trypsin inhibitor, null lipoxygenase-2 genes, and broadening the genetic base of soybean	Dr. Vineet Kumar
DBT Government of India	2022-2025	Marker assisted introgression of seed weight, early maturity and photoperiod response genes in multiple stress tolerant climate smart soybean variety JS97-52 and KTI free variety NRC 127	Dr. Shivakumar M.
NASF, ICAR	2023-2026	Targeted improvement of stress tolerance, nutritional quality and yield of crops by using genome editing	Dr. Anita Rani

PVPFRA India	2005-LT	DUS testing of soybean-Central sector scheme for protection of plant varieties and farmers right.	Dr. Mrinal K. Kuchlan
ICAR	2006-LT	ICAR – Seed Project: Seed Production in Agricultural Crops.	Dr. Mrinal K. Kuchlan
DAC, Minister of Agriculture	2018-Till Date	Creation of Seed Hubs for enhancing quality seeds availability of major oil seed crops under NFSM-Oil Seeds	Dr. Mrinal K. Kuchlan