

**U.P. Council of Agricultural Research**  
**8<sup>th</sup> Floor, Kisan Mandi Bhawan, Vibhuti Khand, Gomti Nagar,**  
**Lucknow-226 010, Phone 2721626, 2721627, PBX-2721648, 49**

Research proposals (Synopsis) are invited from competent scientists of SAUs/ICAR, CSIR and other Research Institutions, NGOs and Private Sector Research Institutions situated in Uttar Pradesh, having relevant experience and supporting facilities to undertake research on identified priority areas given as under:

1	Evaluation of carbon sequestration potential under various land use systems in different agro-climatic zones of U.P. to mitigate the problems of climate change.
2	Characterization and population dynamics of key biotic organisms (N <sub>2</sub> fixers, P and K solubilizers, Mycorrhizae, Earthworm etc.) and improving the shelf life of inoculants and development of efficient technologies for inoculation.
3	Identification and development of crops and vegetables varieties suitable for organic farming.
4	Development of package of practices for organic farming for sustainable agricultural sciences.
5	Identification and development of high yielding short duration early, medium and late sowing wheat varieties.
6	Development of high yielding short duration maize hybrids.
7	Short duration mustard varieties suitable for timely sowing.
8	Development of package for management of Blue Bull menace.
9	Survey, collection, evaluation and conservation of jackfruit germplasm(s).
10	Integration of high value commercially viable crops for sustaining production and productivity of existing perennial fruit orchards.
11	Canopy management in bearing mango and guava orchards of Uttar Pradesh.
12	Improved package of practices for enhanced production of garlic and its storage.
13	Development/screening of varieties/germplasms of chili suitable for quality pickle.
14	Study on improving small farm viability.
15	Alternative non-farm livelihood opportunities for different categories of farmers.
16	Genetic and non-genetic factors regulating production and reproduction of livestock with special reference to Gangatiri Cow.
17	Strategies to mitigate stresses and climatic adversities for sustainable production and productivity in livestock.
18	Development of herbal anthelmintic for the control of gastro-intestinal parasitic infection in small ruminants.
19	Strategies for conservation, preservation and propagation of male gametes in desi fowl and broilers.
20	Medicinal properties of goat milk with special reference to omega 3- fatty acids.
21	Models for Year round green fodder production preservation and utilization with perennial grasses and trees for up scaling livestock nutrition.
22	Development of captive reproduction of new candidate species in aqua culture.
23	Emerging diseases in aqua culture and their management.
24	GI registration of agricultural products
25	Finding coordinates for making the local agriculture products competitive in the light of Indian market for the WTO members with the focus of Uttar Pradesh.

## Conditions

1. All the Experiments/Projects have to be conducted only in Uttar Pradesh.
2. Last date for receipt of synopsis of project is 8th Sept., 2010. Synopsis received after due date will not be entertained.
3. Principal Investigators, whose synopses are approved, will be communicated for submission of detailed projects. The detailed project shall have to be submitted by Principal Investigator within 15 days after the receipt of approval of synopsis.
4. The duration of the project will normally be for three years extendable by another two years in special and unavoidable circumstances and with the approval of RAC. Maximum cost of the project will not exceed Rs. 20 lac.
5. The Council reserves its right to accept or reject any project or part of the project without assigning any reason.
6. All disputes will be subject to Lucknow jurisdiction only.
7. In case of any dispute regarding interpretation of any clause, the decision of Director General, UPCAR will be final.
8. Correspondence for all the matters related to project shall be made to Secretary, U.P. Council of Agricultural Research (UPCAR), 8<sup>th</sup> Floor, Kisan Mandi Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226 010 (Phone and fax: 0522-2721627)

## Format for the project synopsis

### **A Information on proposed project**

Priority Area, Project title, Name and address of the Institute /Principal Investigator and Co-PI, Duration of project (years), Estimated cost of project (Rs), Justification including objectives and relevance in context of U.P., Technical programme (year wise) and Facilities available at the Institute relevant to the project proposed (farm, lab., equipments etc.).

### **B Information about Principal investigator & Co Investigator (s)**

CV including specialization, Employment Record, Salient Research Achievements, Justification to be PI and List of Publications.

**Place & Date**

**Signature of Applicant /PI**

**SECRETARY  
UPCAR, Lucknow**

**Note:** Information regarding project invitation is also available on our website [www.upcaronline.org](http://www.upcaronline.org).