

Research



Basic research in agricultural meteorology is an important part of the group of basic support systems. Applied agrometeorological research has played an important role in developing many of the other supportive tools. Many suitable research findings or products based on such findings are not transferred at all to the farmer's field through extension. Too many of the products of research lie idle and will never be used supportively. Agrometeorological research as a support system particularly needs constant regional, national and local prioritization. As long as farmers do not get their needs addressed by extension services based on research output, the latter remains limited to support systems only. Agromet research is not strong in SAR and thus more initiatives/improvements are required in SAR. Under the Research programme, special attention would be paid to use of satellite information in product development as an effective tool for preparation of agromet advisories and hill development utilising different agrometeorological information and location specific products. Some of the recommendation on research programme are as follows.

1. To encourage and promote research in science of Agricultural Meteorology and related disciplines.
2. Promote collaborative research in agrometeorology involving agricultural universities on generation of new agromet products, climate change, climatic variability coordinated products drought, flood and other extreme events may be taken up.
3. Under the collaborative research programme, more stress may be given to research on virus, bacteria, fungi and weather.
4. Knowledge transfer and guidance in agromet research would be the integral part of collaborative research programme.
5. Climate and climate change issues and its impacts in agriculture still not addressed adequately in national and regional level would be considered.
6. More work in research and development would be for use of more information on weather and climate so that true agromet advisories can be issued to the farmers.
7. Assit in preparing research project and arrangement of funding from different national and international funding agencies.
8. Encourage young scientists by arranging some funds to work on the subject of agrometeorological research.