

## **Minor Research Project**

**Sponsored by University Grants Commission (WRO), Pune**

### **Project Summary**

**Title - Spatial Perspectives On Agro Service Centres in the development of Agriculture in the Northern Tahsils in Jalgaon District**

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### **Executive Summary of the Project**

In the study area, all the Agro service centre's are playing a vital role in the development of agriculture. Advanced technology for farming operations, high yielding seeds, insecticides for plant protection, use of fertilizers, and modern equipments are being provided by the agro service centre's in the local as well as in the adjoining areas. It is observed that all the agro Service centre's have Primary Agricultural Credit Societies, Banking Facilities, Veterinary Institutions.. Fertilizer- seed- pesticides facilities, Agricultural implement machineries also an important part for the agriculture in the study area. It is observed that there is high concentration ASCs in plain and deep black soil belt. Generally large size Agro Service Centre's. On the hand in lowest soil the ASCs are smaller. It can be concluded that high per capita income and higher purchasing power of farmers are correlated in the development of Agro Service Centre's. Altitude plays an important role in the distribution of agro service centre's. To understand the effect of altitude on distribution of Agro service centre's in the study region. In the altitudinal zone of more than 400 m. there no any agro service centre located. Less fertile area with low density of population and poor transportation facilities lead to small number of Agro Service

### **Achievement from the Project**

Agro Service Centre is developed only to develop the agriculture of neighborhood area. But some of the areas suffer from insufficient facilities. Inadequate means of transportation facilities are the problems of certain area. If proper linking roads and a bridge scores the river Tapi should be constructed Agro Service Centre's would be developed at least first of second order ASC .The gap between rich and poor farmers is increasing day- by – day in the study area. The rich farmers do irrigated farming and poor farmers do not have such facilities or irrigation. The rich farmers have solid income form their irrigated crops i. e. banana crops. On the other hand, the farmers who have to depend on rainfall do not get the solid income. In spite of they have to pay higher charges for purchasing seeds, fertilizers and pesticides. Therefore such types rules, planning and schemes if are made by the government, all the farmers can get benefits of water for irrigation purpose. It is uneconomic to establish Agro Service Centre's in the extreme hilly region of Satpura region. So it is better to provide mobile facilities to serve rural population. In these areas, mobile Agro Service Centre's with required basic facilities may be provided.

### **Contribution to the society**

India is predominant in agriculture. About 69% people of the India is depends on-agriculture as a occupation. Agro- Service Centre is a media which transfer the advanced technology for farmers.

The agro- service centers are important for agricultural society because they play an important role in performing a function of arranging for the supplies of agricultural inputs and services to the farmers. They are useful in governing the agricultural production to increase the agricultural production. Hence the agro-service centers have a nodal location in the development of agriculture.