



#### 4. Market Information and Linkages

Extension services provide information about market prices, demand, and selling techniques. They help farmers connect with markets, cooperatives, and Farmer Producer Organizations (FPOs), ensuring better prices for their produce.

#### 5. Efficient Use of Resources

Farmers learn to use water, fertilizers, and pesticides in the right quantity and at the right time. This helps avoid wastage and improves the efficiency of inputs. As a result, the cost of cultivation decreases and crop productivity improves. Ultimately, farmers get higher profit and better net income.



#### 6. Awareness about Government Schemes

Extension workers inform farmers about government schemes, subsidies, crop insurance, and loan facilities. Farmers can take advantage of these benefits to improve their farming and income.



#### CONCLUSION

Agricultural extension is a key support system for farmers. It empowers them with knowledge, skills, and confidence. By adopting improved technologies and practices, farmers can increase productivity, reduce costs, and earn higher income. Therefore, agricultural extension plays a vital role in achieving the goal of doubling farmers' income and ensuring a better future for farming families.

#### INTRODUCTION

Agricultural extension plays a very important role in improving farmers' knowledge and skills. It helps farmers learn modern and scientific farming methods. Extension services act as a bridge between agricultural scientists and farmers. Extension workers bring new technologies and research findings directly to the farmers' fields. They provide practical guidance on crop production, irrigation, and pest management. Farmers also learn about improved seeds, fertilizers, and new farming techniques. This support helps farmers solve their field problems effectively. With proper guidance, farmers can increase crop production and improve quality. It also helps reduce production costs and avoid losses. As a result, farmers can earn higher income and improve their livelihood.



#### How Agricultural Extension Helps Farmers

##### 1. Transfer of New Technologies

Extension services help farmers learn about modern agricultural technologies. They provide information on improved seed varieties that give higher yield and better quality. Farmers are trained to use drip irrigation and fertigation for efficient water and nutrient management. Extension workers also promote protected cultivation like polyhouses for high-value crop production. These technologies help reduce losses and improve crop performance. Farmers can produce more using fewer resources. This increases productivity, improves quality, and ensures better market price. As a result, farmers' income and livelihood improve significantly.



##### 2. Training and Skill Development

Farmers receive training through Krishi Vigyan Kendras (KVKs), field demonstrations, and farmer meetings. They learn better crop management, pest control, and post-harvest handling, which helps reduce losses and increase profit.

##### 3. Crop Diversification Guidance

Extension workers encourage farmers to grow high-value crops such as fruits, vegetables, flowers, and medicinal plants instead of only traditional crops. These crops provide higher returns and improve farm income.

# एग्रीकल्चर फ़ोरम फॉर टेक्निकल एजुकेशन ऑफ़ फार्मिंग सोसायटी

कोटा, राजस्थान



## Role of Agricultural Extension in Doubling Farmer's Income

संकलन

Swadhin Kumar Swain<sup>1</sup>, Soumyadeep Thakur<sup>2</sup>, Vishal<sup>3</sup>, Naitik Nayan<sup>4</sup>, Rahul Jat<sup>5</sup>

<sup>1</sup>PhD Research Scholar, Department of Namatology, College of Agriculture, QUAT, Bhubaneswar.

<sup>2</sup>Research Scholar, Department of Agricultural Extension, Bidhan Chandra Krishi Viswavidyalaya.

<sup>3</sup>M.Sc (Ag) in Agriculture Extension, Department of Agriculture Extension, Assam Agriculture University.

<sup>4</sup>B.Sc. Student, Bihar Agricultural College, Sabour.

<sup>5</sup>M.Sc Scholar, Department of Agricultural Economics, CCSHAU, HISAR.