# Agriculture Chatbot Q&A Dataset

## Q: What are the best crops for summer?

A: The best summer crops include tomatoes, cucumbers, bell peppers, okra, and sunflowers.

## Q: How to improve soil fertility?

A: Soil fertility can be improved by adding compost, green manure, and using crop rotation techniques.

## Q: What is the best organic fertilizer?

A: The best organic fertilizers include compost, cow dung, vermicompost, and bone meal.

## Q: How to prevent pests naturally?

A: Natural pest control includes neem oil spray, companion planting, and using beneficial insects like ladybugs.

## Q: How much water do tomatoes need?

A: Tomatoes need about 1-2 inches of water per week, depending on the climate and soil conditions.

## Q: Which crops need less water?

A: Drought-resistant crops include millets, chickpeas, pigeon peas, and sorghum.

## Q: What are the benefits of crop rotation?

A: Crop rotation helps prevent soil depletion, reduces pests and diseases, and improves soil structure.

## Q: How to detect soil pH?

A: You can test soil pH using a pH meter, pH test strips, or a simple vinegar and baking soda test.

## Q: What is the ideal temperature for wheat?

A: The ideal temperature for wheat growth is between 10°C to 25°C.

## Q: How to increase rice yield?

A: To increase rice yield, use high-yield varieties, proper irrigation, and balanced fertilization.