

Stages of Farming and Risk Analysis

Stage	Description	Potential Risks	Mitigation Strategies
Land Preparation	Preparing soil for planting (plowing, tilling).	<ul style="list-style-type: none">- Soil erosion during heavy rains.- Poor soil fertility.	<ul style="list-style-type: none">- Use contour plowing or cover crops.- Conduct soil tests and add fertilizers.
Sowing	Planting seeds in the field.	<ul style="list-style-type: none">- Poor germination due to low-quality seeds.- Delay in planting due to bad weather.	<ul style="list-style-type: none">- Use certified seeds.- Plan for weather changes.
Growing	Plants grow and require water and nutrients.	<ul style="list-style-type: none">- Drought or lack of water.- Pests and diseases.- Flooding.	<ul style="list-style-type: none">- Implement irrigation systems.- Use pest control measures.- Build drainage channels.
Harvesting	Collecting crops at maturity.	<ul style="list-style-type: none">- Unpredictable weather damaging crops.- Lack of labor during peak harvest.	<ul style="list-style-type: none">- Monitor weather forecasts.- Secure labor in advance.
Post-Harvest	Storing, processing, and distributing crops.	<ul style="list-style-type: none">- Poor storage leading to spoilage.- Delays in transport.	<ul style="list-style-type: none">- Use proper storage facilities.- Secure transport logistics early.