

Name \_\_\_\_\_

## Harvesting Change: Climate Change's Impact on Agriculture and Food Security

### Short Answer Key

1. Climate change contributes to crop failures and economic losses for farmers by altering weather patterns, increasing the frequency of extreme events, and reducing crop yields.
2. Water scarcity reduces agricultural productivity by limiting water availability for irrigation and livestock farming, compromising food security for millions of people.
3. Disruptions in food supply chains due to extreme weather events lead to shortages, price fluctuations, and market instability, exacerbating food insecurity for vulnerable populations.
4. Smallholder farmers face challenges in adapting to climate change, including reduced crop yields, income instability, and limited access to resources and support services.
5. Climate change exacerbates the vulnerability of farming communities to food insecurity and malnutrition by disrupting agricultural livelihoods and compromising food access for marginalized populations.

