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## Extreme Weather Impact on Agriculture

### Mass Communication and Business Management

The role extreme weather plays in farming and global food production is well noted, especially in documented historical famines. Severe weather can disrupt food availability, affect food quality and reduced agricultural productivity especially if experienced during critical stages of growth. In addition, extreme weather usually leads to increase in production cost. In this study, we examined how major extreme weather events cause damage to the food supply. We examined a variety of literature and secondary data from governmental and agricultural sources to explore and determine the variety of weather events that have a major impact on agriculture. The results of the study indicate that hail, drought, hurricanes, flooding with changes in weather pattern, forest fires, and blizzards and extreme cold as most likely to damage crops, soil, and farm equipment leading to decrease in production and overall food supply. Ultimately, severe weather can catastrophically affect agriculture in all 50 states and its therefore essential for farmers to have farm insurance and the Federal and state government to prepare accordingly.