

CLIMATIC CONDITIONS AFFECTING THE RWA
 AKRON, COLORADO
 1988

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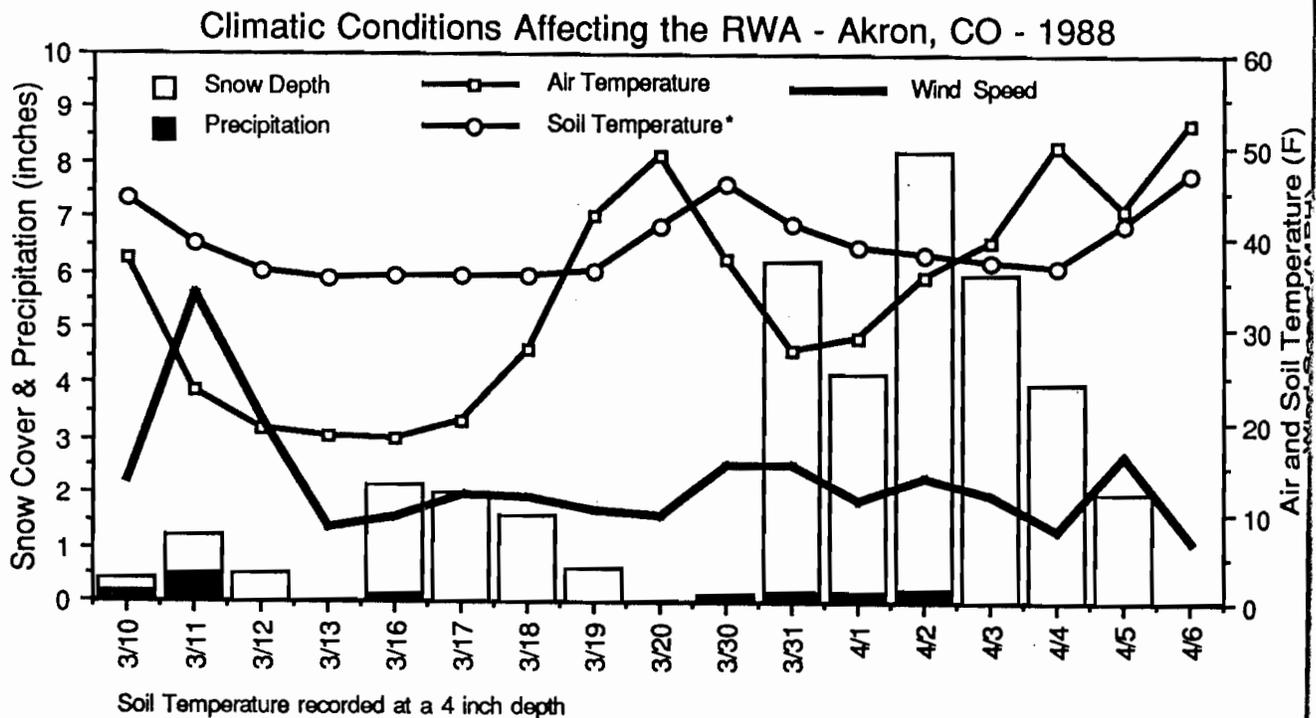
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The climatic factors that occurred between 3/10/88 and 4/6/88 seemed to have a direct bearing on the over-wintering success of the RWA in the Akron area (probably applicable to most of Northeastern Colorado). Prior to 3/10/88 scouting revealed many early planted fields with 10 to 20 percent (plant) infestation levels with live aphids. After 4/6/88 these same fields showed 100 percent mortality. It appears that the below combination of climatic factors; snow fall depth, snow melt and moisture, freeze (air temperature), saturated surface soil (0 to 4 inch depth), and wind speed all contributed to the total aphid mortality.

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According to the climatic records for most of Northeastern Colorado this area received 150 to 200 percent greater than normal precipitation during the month of March.

Number of Aphids
 4
 3
 2
 1



Number of Aphids
 40
 30
 20
 10