

2011 CMDC

Crop Residue Removal Impacts

Weinhold

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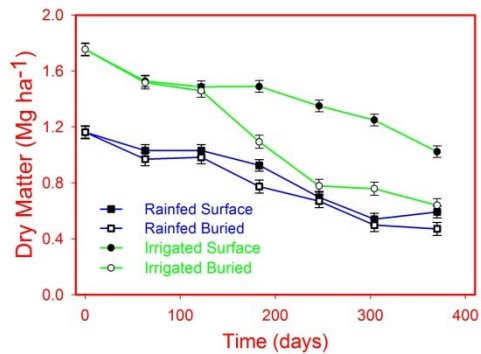
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Role of the cob in carbon and nutrient dynamics



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- As expected, decomposition was more rapid for buried residue than for surface residue
- Decomposition was more rapid under irrigation than in the rainfed system.
- Carbon was lost to microbial respiration.
- Potassium was leached from litter and would be crop available.
- Other nutrients were immobilized and would not be available to a subsequent crop.

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