



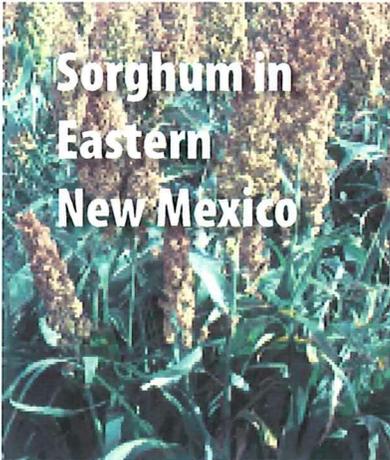
United States Department of Agriculture
Natural Resources Conservation Service

Energy Estimator

New Mexico

Energy Consumption Awareness

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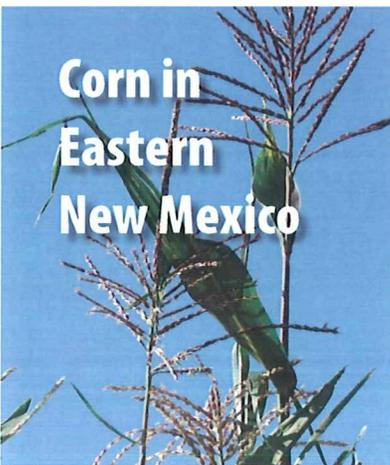


Sorghum in Eastern New Mexico

Total Farm Diesel Fuel Consumption Estimate (in gallons per year)

Crop	Acres	Conventional Tillage	Mulch-Till	No-Till
Sorghum	120	734	428	230
Total Fuel Use		734	428	230
Potential Fuel Savings over Conventional Tillage			306	504
Savings			42%	69%

Fuel use estimates do not consider differences in fuel use associated with crop yields, soil texture, slope, field size and shape, implement width, tractor size, tire inflation or driving techniques. Actual fuel use may vary significantly.

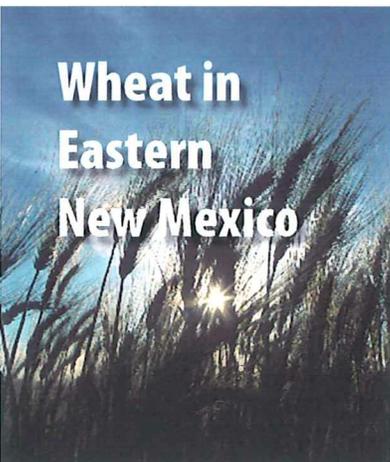


Corn in Eastern New Mexico

Total Farm Diesel Fuel Consumption Estimate (in gallons per year)

Crop	Acres	Conventional Tillage	Mulch Till	Ridge Till	No-Till
Corn	120	735	615	440	236
Total Fuel Use		735	615	440	236
Potential Fuel Savings over Conventional Tillage			120	295	499
Savings			16%	40%	68%

Fuel use estimates do not consider differences in fuel use associated with crop yields, soil texture, slope, field size and shape, implement width, tractor size, tire inflation or driving techniques. Actual fuel use may vary significantly.



Wheat in Eastern New Mexico

Total Farm Diesel Fuel Consumption Estimate (in gallons per year)

Crop	Acres	Conventional Tillage	Mulch-Till	No-Till
Wheat	120	536	454	315
Total Fuel Use		536	454	315
Potential Fuel Savings over Conventional Tillage			82	221
Savings			15%	41%

Fuel use estimates do not consider differences in fuel use associated with crop yields, soil texture, slope, field size and shape, implement width, tractor size, tire inflation or driving techniques. Actual fuel use may vary significantly.

These results are estimates based on the energy consumption awareness tool for tillage found at <http://ecat.sc.egov.usda.gov/Default.aspx>