

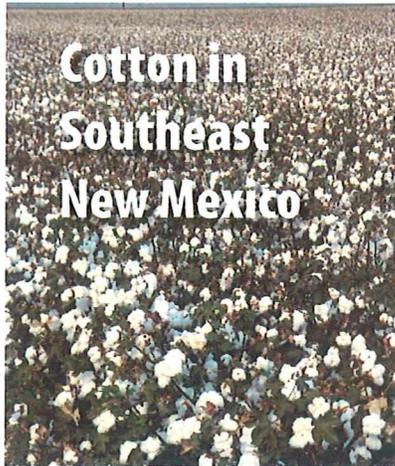


# New Mexico

# Energy Estimator

Energy Consumption Awareness

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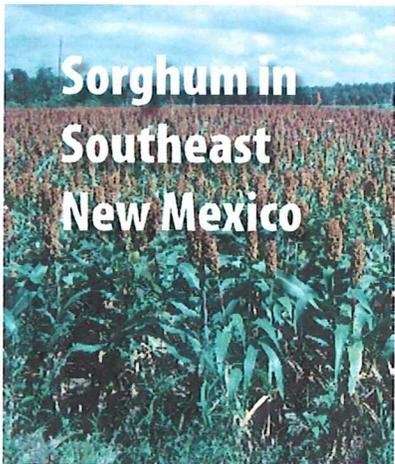


**Cotton in Southeast New Mexico**

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

Crop	Acres	Conventional Tillage	Mulch-Till	No-Till
Cotton	120	726	597	334
Total Fuel Use		726	597	334
Potential Fuel Savings over Conventional Tillage			129	392
Savings			18%	54%

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.

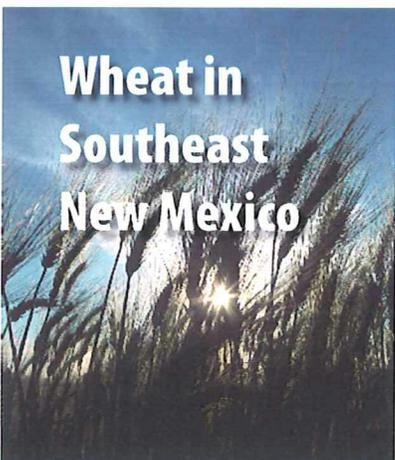


**Sorghum in Southeast New Mexico**

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

Crop	Acres	Conventional Tillage	Mulch-Till	No-Till
Sorghum	120	800	650	236
Total Fuel Use		800	650	236
Potential Fuel Savings over Conventional Tillage			150	564
Savings			19%	70%

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 Southeast New Mexico**

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

Crop	Acres	Conventional Tillage	Mulch-Till	No-Till
Wheat	120	622	447	241
Total Fuel Use		622	447	241
Potential Fuel Savings over Conventional Tillage			175	381
Savings			28%	61%

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>