

## ECONOMIC PERFORMANCE FOR SAFS 2005

**Table 1. SUMMARY OF PER ACRE OPERATING COSTS FOR SAFS, 2005**

CROP	ST			CT			ST minus CT		
	Conv	Org	WLCC	Conv	Org	WLCC	Conv	Org	WLCC
<b>TOMATO (tons/A)</b>	32.9	26.1	24.0	35.1	26.8	25.8	-2.2	-0.7	-1.8
<b>Ground Prep</b>	<b>29</b>	<b>46</b>	<b>30</b>	<b>38</b>	<b>46</b>	<b>40</b>	<b>-9</b>	<b>0</b>	<b>-10</b>
Cover Crop		66	69		58	57	0	8	12
<b>Weed Control</b>	<b>87</b>	<b>185</b>	<b>101</b>	<b>132</b>	<b>185</b>	<b>93</b>	<b>-45</b>	<b>0</b>	<b>8</b>
Planting	315	358	315	315	358	316	0	0	-1
Irrigation <sup>§</sup>	42	137	88	43	135	84	-1	2	4
Fertilizer	82	160	14	82	160	14	0	0	0
Insect Control	16	17	15	16	17	15	0	0	0
Disease Control		13			13		0	0	0
Harvest	385	385	385	385	385	385	0	0	0
<b>Residue Management</b>	<b>35</b>	<b>31</b>	<b>35</b>				<b>35</b>	<b>31</b>	<b>35</b>
Interest	16	22	14	17	24	14	-1	-2	0
<b>Operating cost/A</b>	<b>1,007</b>	<b>1,420</b>	<b>1,066</b>	<b>1,028</b>	<b>1,381</b>	<b>1,018</b>	<b>-21</b>	<b>39</b>	<b>48</b>
Operating cost/ton	30.61	54.41	44.42	29.29	51.53	39.46	1.3	2.9	5.0
<b>CORN (tons/A)</b>	5.4	0.8	1.5	5.0	0.9	1.8	0.4	-0.1	-0.3
<b>Ground Prep</b>	<b>18</b>	<b>36</b>	<b>36</b>	<b>7</b>	<b>36</b>	<b>36</b>	<b>11</b>	<b>0</b>	<b>0</b>
Cover Crop		72	72		58	64	0	14	8
Weed Control	40	15	14	29	21	13	11	-6	1
Planting	64	54	64	65	54	64	-1	0	0
Irrigation <sup>§</sup>	49	103	99	49	103	99	0	0	0
Fertilizer	80	160		82	160		-2	0	0
Insect Control						11	0	0	-11
Disease Control							0	0	0
Harvest	13	13	13	13	13	13	0	0	0
<b>Residue Management</b>	<b>91</b>	<b>71</b>	<b>73</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>84</b>	<b>64</b>	<b>66</b>
Interest	16	15	8	9	14	8	7	1	0
<b>Operating cost/A</b>	<b>371</b>	<b>539</b>	<b>379</b>	<b>261</b>	<b>466</b>	<b>315</b>	<b>110</b>	<b>73</b>	<b>64</b>
Operating cost/ton	68.70	673.75	252.67	52.20	517.78	175.00	17	156	78

<sup>§</sup> Includes cost of opening and closing drains which is not done in the SAFS Project, but is a normal practice in this area.

**Table 2. Labor and Fuel Usage for Tomatoes and Corn – 2005 <sup>§</sup>**

Input	Standard Tillage				Conservation Tillage			
	Conventional	Organic	Organic +	WLCC	Conventional	Organic	Organic +	WLCC
\$ Per Acre								
<b>Tomatoes</b>								
Machine labor (Hrs)	13.96	7.32	7.32	7.70	6.13	6.00	6.00	5.97
Non-machine labor (Hrs)	10.27	20.04	20.04	19.98	14.61	3.31	3.31	15.95
Hand hoe (Hrs)	0.00	15.74	15.74	0.00	5.37	16.67	16.67	4.57
Gallons of fuel (Gals)	62.21	58.73	58.73	62.43	52.68	46.64	46.64	46.36
<b>Corn</b>								
Machine labor (Hrs)	4.82	4.73	4.73	5.10	1.92	3.41	3.41	2.58
Non-machine labor (Hrs)	0.90	0.90	0.90	1.00	1.00	1.00	1.00	0.90
Hand hoe (Hrs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gallons of fuel (Gals)	41.51	36.51	36.51	38.67	9.89	16.00	16.00	13.29

<sup>§</sup> Includes fuel and labor for opening and closing drains which is not done in the SAFS Project, but is a normal practice in this area.

**Table 3. SUMMARY OF PER ACRE COSTS AND RETURNS FOR SAFS, 2005**

CROP	ST				CT			
	Conv	Org	\$ Org+	WLCC	Conv	Org	\$ Org+	WLCC
<b>TOMATOES</b>								
Yield (tons/A)	32.9	26.1	26.1	24.0	35.1	26.8	26.8	25.8
Price/ton (\$)	<u>51.00</u>	<u>51.00</u>	<u>65.00</u>	<u>51.00</u>	<u>51.00</u>	<u>51.00</u>	<u>65.00</u>	<u>51.00</u>
Gross returns	1,678	1,331	1,697	1,224	1,790	1,367	1,742	1,316
Operating cost/A	1,007	1,420	1,420	1,066	1,028	1,381	1,381	1,018
Net returns above operating costs	671	-89	277	158	762	-14	361	298
Total cost/A	1,406	1,880	1,877	1,506	1,414	1,824	1,824	1,432
Net returns above total costs	272	-549	-181	-282	376	-457	-82	-116
<b>CORN</b>								
Yield (tons/A)	5.4	0.8	0.8	1.5	5.0	0.9	0.9	1.8
Price/ton (\$)	<u>90.60</u>	<u>90.60</u>	<u>140.00</u>	<u>90.60</u>	<u>90.60</u>	<u>90.60</u>	<u>140.00</u>	<u>90.60</u>
Gross returns	489	72	112	136	453	82	126	163
Operating cost/A	371	539	539	379	261	466	466	315
Net returns above operating costs	118	-467	-427	-243	192	-384	-340	-152
Total cost/A	504	622	625	479	360	522	528	389
Net returns above total costs	-15	-550	-513	-343	93	-440	-402	-226
<b>WHOLE FARM</b>								
Gross returns	2,167	1,404	1,809	1,360	2,243	1,448	1,868	1,479
Operating cost/A	1,378	1,959	1,959	1,445	1,289	1,847	1,847	1,333
Net returns above operating costs	789	-555	-151	-85	954	-399	21	146
Total cost/A	1,910	2,502	2,502	1,985	1,774	2,346	2,352	1,821
Net returns above total costs	257	-1,098	-694	-625	469	-898	-484	-342

<sup>§</sup> Price for organic tomatoes and corn indicate a premium price paid for organic produce