



## PROCESSING TOMATO HAND HARVEST

1993

ITEM	EXPLANATION	PRICE PER		YIELD/ACRE (Tons/A)		
		UNIT		20	25	30
<b>RECEIPTS</b>			\$65.00 /T.	\$1,300.00	\$1,625.00	\$1,950.00
<b>VARIABLE COSTS</b>						
Plants	8000 /A.	\$21.00 /M.		168.00	168.00	168.00
Fertilizer 1/ Starter(10-34-0)	5 gal.	\$1.10 /gal.		6.00	6.00	6.00
N (lbs.)	95 lb/A.	\$0.22 /lb.		21.00	21.00	21.00
P2O5 (lbs.)	175 lb/A.	\$0.25 /lb.		44.00	44.00	44.00
K2O (lbs.)	275 lb/A.	\$0.12 /lb.		33.00	33.00	33.00
Lime (lbs.)	1000 lb.	\$13.00 /T.		7.00	7.00	7.00
Pesticides 2/ Poast	0.18 gal.	\$50.00 /gal.		9.00	9.00	9.00
Sencor-Lexone	1.5 lb.	\$25.00 /lb.		38.00	38.00	38.00
Treflan	0.25 gal.	\$32.00 /gal.		8.00	8.00	8.00
Copper	2 gal.	\$10.00 /gal.		20.00	20.00	20.00
Dyrene	1 lb.	\$5.25 /lb.		5.00	5.00	5.00
Bravo	1.5 gal.	\$47.00 /gal.		71.00	71.00	71.00
Sevin 80S	4 lb.	\$3.75 /lb.		15.00	15.00	15.00
Thiodan 3 EC	0.25 gal.	\$35.00 /gal.		9.00	9.00	9.00
Ethephon	0.5 gal./acr	\$55.00 /gal.		6.00	6.00	6.00
	on 20% of acres					
Custom Spraying	8 sprays	\$5.50 /A.		44.00	44.00	44.00
Hired Labor 3/ Setting	11 hrs.	\$6.00 /hr.		66.00	66.00	66.00
Hoeing	7 hrs.	\$6.00 /hr.		42.00	42.00	42.00
Harvesting	65 hmpr/T	\$0.40 /hmper		520.00	650.00	780.00
Crop Insurance		\$20.00 /A.		20.00	20.00	20.00
Hampers 4/ Inspection	75 /A.	\$0.33 /hmper		25.00	25.00	25.00
Fuel, Oil, Grease		\$0.30 /T.		6.00	8.00	9.00
Repairs				17.00	27.00	27.00
Custom Haul		\$6.00 /T.		20.00	20.00	20.00
Unemploy. Ins.	\$628 \$758 \$888	4.5%		120.00	150.00	180.00
Transportation for labor 5/ Miscellaneous 6/ Int. on Oper. Cap. 7/				28.00	34.00	40.00
				9.00	9.00	9.00
				7.00	7.00	7.00
	6 mo.	10%		29.00	29.00	30.00
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<b>TOTAL VARIABLE COSTS - Per Acre</b>				1413.00	1591.00	1759.00
<b>- Per Ton</b>				70.65	63.64	58.63
<b>FIXED COSTS</b>						
Housing Charge 8/ Labor Charge	10 12 14	\$7.00 /hr.		233.00	233.00	233.00
Mach. & Equip. Charge				70.00	84.00	98.00
Land Charge 9/ Management Charge	Rent 5% of Gross			43.00	43.00	43.00
				100.00	150.00	200.00
				65.00	81.00	98.00
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<b>TOTAL FIXED COSTS</b>				511.00	591.00	672.00
<b>TOTAL COSTS - Per Acre</b>				\$1,924.00	\$2,182.00	\$2,431.00
<b>- Per Ton</b>				96.20	87.28	81.03
<b>RETURN ABOVE VARIABLE COSTS</b>				-113.00	34.00	191.00
<b>RETURN ABOVE TOTAL COSTS</b>				(\$624.00)	(\$557.00)	(\$481.00)

OSU  
Farm  
Management  
Extension

Prepared by  
Gary Schnitkey

Acrobat  
Conversion by  
Tim Rhodus



## NOTES FOR PROCESSING TOMATOES - HAND HARVEST

**OSU  
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1/ Assume maintenance fertilizer only.  
2/ Various combinations and kinds of chemicals are used. Other available herbicides and insecticides are also used. See current OCES bulletins 648 701 and 672.

3/ Labor rate includes Social Security and Worker's Compensation.

4/ Hamper cost= \$3.00 / hamper/ 5 year life = \$0.60 average cost, x 10% interest = \$0.06. Total \$0.66 x 50% usage on tomatoes = \$0.33. If no pickles are produced to share hamper costs, total cost per hamper = \$0.66 / hamper.

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5/ 1600 miles / 2 acres / worker x 75% usage on tomatoes at \$0.015 / mile = \$9.00 per acre.

6/ Includes supplies, utilities, soil tests, small tools, plant analysis, records, operator transportation, etc.

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7/ Does not include interest on harvesting costs, inspection cost, plant cost or seed, or hauling cost. Interest costs would be reduced by the interest saved due to any advanced payments received. Interest charges are for 6 months at 10% interest.

8/ Housing Charge: \$ 40000 value x 20.75% overhead x 75% usage on tomatoes = \$6225. Trash pickup, utilities, land charge, water = \$1000 x 75% usage on tomatoes = \$750. \$6,225 + \$750 = \$6,975. \$6975 / 15 workers x 0.5 workers/ acre = \$232.50 housing charge / acre.

9/ Land rent varies widely and specialty crop land rent may not be influenced by economic conditions as rapidly as general crop cash rentals.