

# SWEET POTATO-2012

ESTIMATED COSTS PER ACRE, 2012  
Yield 500 Bushel/Ac

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
<b>GROSS RECEIPTS</b>					
GRADE		Yield	Price/LBS		
	# 1's	BUSHEL	350.00	\$8.50	\$2,975.00
	Jumbos	BUSHEL	100.00	\$3.00	\$300.00
	Canners	BUSHEL	50.00	\$2.00	\$100.00
TOTAL RECEIPTS:					<b>\$3,375.00</b>
<b>2. VARIABLE COSTS</b>					
PLANTS (GREENHOUSE)	THOU.	13.50	\$30.00	\$405.00	
MULTIPURPOSE FUMIGATION	GAL	8.00	\$17.13	\$137.04	
FERTILIZER					
23S LIQUID	POUNDS	15.00	\$14.13	\$211.95	
0-10-30	POUNDS	6.00	\$21.95	\$131.70	
LIME (PRORATED)	TON	0.33	\$40.00	\$13.20	
HERBICIDES	ACRE	1.00	\$48.86	\$48.86	
INSECTICIDES	ACRE	1.00	\$21.56	\$21.56	
HAULING	BUSHEL	0.00	\$0.10	\$0.00	
CURING/STORAGE	BUSHEL	500.00	\$1.00	\$500.00	
PACKING	BUSHEL	0.00	\$4.00	\$0.00	
TRACTOR/MACHINERY	ACRE	1.00	\$81.41	\$81.41	
SCOUTING FEE	ACRE	1.00	\$7.00	\$7.00	
COVER CROP	ACRE	1.00	\$20.00	\$20.00	
LABOR					
TRANSPLANT LABOR	HRS	13.00	\$9.30	\$120.90	
LABOR	HRS	9.62	\$9.30	\$89.47	
HARVEST COST	BUSHEL	500.00	\$1.25	\$625.00	
INTEREST ON OP. CAP.	DOL.	\$525.36	5.0%	\$26.27	
TOTAL VARIABLE COSTS:					<b>\$2,439.36</b>
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					<b>\$935.64</b>
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$92.57	\$92.57	
TOTAL FIXED COSTS:					<b>\$92.57</b>
<b>5. TOTAL COSTS:</b>					<b>\$2,531.93</b>
<b>6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:</b>					<b>\$843.07</b>

<b><u>BREAK-EVEN YIELD</u></b>	<b><u>BREAK-EVEN PRICE</u></b>
VARIABLE COSTS	VARIABLE COSTS
TOTAL COSTS	TOTAL COSTS

\* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

<b>SWEET POTATO</b>						
<b>PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR SWEET POTATO PRODUCTION</b>						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
3,4,11	HEAVY DISK 16'	3.00	0.40	0.36	\$13.56	\$11.52
4	DISK HARROW (25)' w/ Sprayer	1.00	0.08	0.07	\$2.40	\$2.71
3	HIBOY (90 FT BOOM)	3.00	0.10	0.09	\$7.47	\$6.12
4,5	SUBSOILER-BEDDER 8R30	1.00	0.11	0.10	\$6.25	\$4.51
3	POTATO PLANTER (SWEET)	1.00	0.43	0.39	\$7.06	\$11.61
4,5	CULTIVATOR 4-ROW	2.00	0.42	0.38	\$8.96	\$6.90
8	ROTARY HOE 16'	1.00	0.19	0.17	\$2.88	\$2.34
4	POTATO DIGGER (SWEET)	1.00	0.87	0.79	\$13.31	\$19.66
5,6,7,8	TRUCK 2.5 TON	8.00	2.02	1.84	\$19.52	\$27.20
PER ACRE TOTALS FOR SELECTED OPERATIONS			4.62	4.19	\$81.41	\$92.57
UNALLOCATED LABOR(HRS/AC)			5.00			

<b>CHEMICAL USE ASSUMPTIONS FOR SWEET POTATO</b>					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
<b>HERBICIDES</b>					
flumioxazin (Valor)	OZ	3.00	\$4.20	\$12.61	MAR
clomazone (Command)	PT	2.50	\$14.50	\$36.25	MAR
<b>INSECTICIDES</b>					
bifenthrin	OZ	10.00	\$0.82	\$8.18	APRIL
bifenthrin	OZ	10.00	\$0.82	\$8.18	APRIL
chlorpyrifos (Lorsban)	QT	2.00	\$6.69	\$13.38	MAR
TOTAL:				\$78.60	

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