

SWEET POTATO-2013

ESTIMATED COSTS PER ACRE, 2013
Yield 550 Bushel/Ac

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
GROSS RECEIPTS					
GRADE		Yield	Price/LBS		
# 1's	BUSHEL	350.00	\$8.00	\$2,800.00	_____
Jumbos	BUSHEL	100.00	\$3.00	\$300.00	_____
Canners	BUSHEL	50.00	\$2.00	\$100.00	_____
TOTAL RECEIPTS:				\$3,200.00	_____
2. VARIABLE COSTS					
PLANTS (GREENHOUSE)	THOU.	13.50	\$30.00	\$405.00	_____
MULTIPURPOSE FUMIGATION	GAL	8.00	\$17.13	\$137.04	_____
FERTILIZER					
23S LIQUID	POUNDS	15.00	\$16.00	\$240.00	_____
0-10-30	POUNDS	6.00	\$24.50	\$147.00	_____
LIME (PRORATED)	TON	0.33	\$55.75	\$18.40	_____
HERBICIDES	ACRE	1.00	\$52.65	\$52.65	_____
INSECTICIDES	ACRE	1.00	\$24.18	\$24.18	_____
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	\$78.53	\$78.53	_____
SCOUTING FEE	ACRE	1.00	\$7.00	\$7.00	_____
COVER CROP	ACRE	1.00	\$20.00	\$20.00	_____
LABOR					
TANSPLANT LABOR	HRS	13.00	\$9.63	\$125.19	_____
LABOR	HRS	9.60	\$9.63	\$92.45	_____
HARVEST COST	BUSHEL	500.00	\$1.25	\$625.00	_____
INTEREST ON OP. CAP.	DOL.	\$551.40	5.0%	\$27.57	_____
TOTAL VARIABLE COSTS:				\$2,500.01	_____
3. INCOME ABOVE VARIABLE COSTS:				\$699.99	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$85.86	\$85.86	_____
TOTAL FIXED COSTS:				\$85.86	_____
5. TOTAL COSTS:				\$2,585.87	_____
6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				\$614.13	_____

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

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

SWEET POTATO						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR SWEET POTATO PRODUCTION						
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	\$10.89
4	DISK HARROW (25)' w/ Sprayer	1.00	0.08	0.07	\$2.40	\$2.57
3	HIBOY (90 FT BOOM)	3.00	0.10	0.09	\$7.47	\$5.79
4,5	SUBSOILER-BEDDER 8R30	1.00	0.11	0.10	\$6.25	\$4.26
3	POTATO PLANTER (SWEET)	1.00	0.43	0.39	\$7.06	\$11.04
4,5	CULTIVATOR 4-ROW	2.00	0.42	0.38	\$8.96	\$6.54
4	POTATO DIGGER (SWEET)	1.00	0.87	0.79	\$13.31	\$18.69
5,6,7,8	TRUCK 2.5 TON	8.00	2.02	1.84	\$19.52	\$26.08
PER ACRE TOTALS FOR SELECTED OPERATIONS			4.43	4.02	\$78.53	\$85.86
UNALLOCATED LABOR(HRS/AC)						

CHEMICAL USE ASSUMPTIONS FOR SWEET POTATO						
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
HERBICIDES						
	flumioxazin (Valor)	OZ	3.00	\$4.69	\$14.06	MAR
	clomazone (Command)	PT	2.50	\$15.44	\$38.59	MAR
INSECTICIDES						
	bifenthrin	OZ	10.00	\$0.82	\$8.18	APRIL
	bifenthrin	OZ	10.00	\$0.82	\$8.18	JUNE
	chlorpyrifos (Lorsban)	QT	2.00	\$8.00	\$16.00	MAR
TOTAL:				\$85.01		

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