

## Sweet Potato - 2020

NC STATE UNIVERSITY

UNIT    QUANTITY    COST/UNIT    PER ACRE    FAR      1. GROSS RECEIPTS    Yield    Price//BU	ESTIMATED COSTS PER ACRE	Variety: Covingt	on			
UNIT    QUANTITY    COST/UNIT    PER ACRE    FAR      I. GROSS RECEIPTS    Sweet Potato GRADE    BU. 5005		Yield (BU./Ac):	500			
I. GROSS RECEIPTS  Yield  Price/BU    Sweet Potato GRADE  BU.  335.00  \$10.00  \$3,350.00    Lower Grade  BU.  150.00  \$50.00  \$750.00    Average Price per Bushel BU  TOTAL RECEIPTS:  \$4,100.00  \$50.00    Z. VARIABLE COSTS  PLANTS / SLIPS  THOU.  12.50  \$40.00  \$500.00    FERTILIZER  24S LIQUID  LBS  80.00  \$0.68  \$54.40    PHOSPHATE (0-46-0)  LBS  150.00  \$0.20  \$32.00    LIME (PRORATED)  TON  0.33  \$46.00  \$15.18    PESTICIDE  MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$147.06  \$147.06    MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$20.00  \$20.00  \$20.00    INSECTICIDES  PER ACRE  1.00  \$43.88  \$43.86  \$35.33  \$88.53  \$55.00  \$50.00 <t< td=""><td></td><td></td><td></td><td>PRICE OR</td><td>TOTAL</td><td>YOUR</td></t<>				PRICE OR	TOTAL	YOUR
Sweet Potato GRADE    BU. 50lbs    # 1's    BU.    335.00    \$3,350.00      Lower Grade    BU.    150.00    \$50.00    \$750.00      Average Price per Bushel    BU    \$8.20    \$4,100.00      TOTAL RECEIPTS:    \$4,100.00    \$50.00      PLANTS / SLIPS    THOU.    12.50    \$40.00    \$50.00      PERTILIZER    80.00    \$0.68    \$54.40    \$50.00      PHOSPHATE (0-46-0)    LBS    \$75.50    \$0.32    \$18.40      PHOSPHATE (0-46-0)    LBS    \$160.00    \$0.20    \$32.00      LIME (PRORATE (0-46-0)    LBS    \$160.00    \$0.20    \$32.00      PHOSPHATE (0-46-0)    LBS    \$160.00    \$0.20    \$32.00      LIME (PRORATE (0)    TON    0.33    \$46.00    \$117.18      PESTICIDE    MULTIPURPOSE FUMIGATION PER ACRE    1.00    \$147.06    \$147.06      MULTIPURPOSE FUMIGATION PER ACRE    1.00    \$43.88    \$43.88    \$43.88      TRACTOR/MACHINERY    PER ACRE    1.00    \$20.00    \$20.0		UNIT	QUANTITY	COST/UNIT	PER ACRE	FARM
Sweet Potato GRADE    BU. 50lbs    # 1's    BU.    335.00    \$10.00    \$3,350.00      Average Price per Bushel    BU    \$8.20    \$750.00    \$750.00      Average Price per Bushel    BU    \$8.20    \$4,100.00    \$      CVARIABLE COSTS    PLANTS / \$LIPS    THOU.    12.50    \$40.00    \$500.00    \$      PERTILIZER    BS    80.00    \$0.68    \$54.40    \$    \$      PHOSPHATE (0-46-0)    LBS    57.50    \$0.32    \$\$32.00    \$    \$      PHOSPHATE (0-46-0)    LBS    160.00    \$0.20    \$\$32.00    \$    \$      PHOSPHATE (0-46-0)    LBS    160.00    \$0.22    \$\$32.00    \$      INME (PRORATED)    TON    0.33    \$\$46.00    \$\$147.06    \$      MULTIPURPOSE FUMIGATION PER ACRE    1.00    \$\$147.06    \$    \$    \$      NEMATACIDES    PER ACRE    1.00    \$\$43.88    \$    \$    \$    \$    \$    \$    \$    \$    \$	. GROSS RECEIPTS		Yield	Price/BU		
# 1's BU.    335.00    \$10.00    \$3,350.00      Average Price per Bushel BU TOTAL RECEIPTS:    \$8.20    \$750.00      2. VARIABLE COSTS    \$4,100.00    \$4,100.00      PLANTS / SLIPS    THOU.    12.50    \$40.00    \$500.00      2. VARIABLE COSTS    \$10.00    \$500.00    \$500.00    \$500.00      PLANTS / SLIPS    THOU.    12.50    \$40.00    \$500.00    \$500.00      2.4S LIQUID    LBS    80.00    \$0.68    \$54.40    \$500.00    \$500.00      2.4S LIQUID    LBS    160.00    \$0.20    \$32.00    \$151.80      POTASH (0-0-60)    LBS    160.00    \$02.0    \$32.00      LIME (PRORATED)    TON    0.33    \$46.00    \$15.18      PESTICIDE    MULTIPURPOSE FUMIGATION PER ACRE    1.00    \$51.00    \$51.00      NEMATACIDES    PER ACRE    1.00    \$43.88    \$43.88      TRACTOR/MACHINERY    PER ACRE    1.00    \$43.88    \$43.88      SCOUTING    PER ACRE    1.00    \$42.67    <		BU, 50lbs		1 1100/20		
Lower Grade    BU. Average Price per Bushel    150.00    \$5.00    \$750.00      Average Price per Bushel    BU    \$8.20    \$4,100.00			335.00	\$10.00	\$3,350,00	
Average Price per Bushel BU TOTAL RECEIPTS:    \$8.20      2. VARIABLE COSTS    \$4,100.00      PLANTS / SLIPS    THOU.    12.50    \$40.00    \$500.00      FERTILIZER    80.00    \$0.68    \$54.40    \$500.00    \$500.00      24S LIQUID    LBS    80.00    \$0.68    \$54.40    \$500.00    \$51.00    \$51.18    \$500.00    \$147.06    \$140.00    \$500.00 </td <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td>	-	-				
TOTAL RECEIPTS:  \$4,100.00    2. VARIABLE COSTS  PLANTS / SLIPS  THOU.  12.50  \$40.00  \$500.00    FERTILIZER  24'S LIQUID  LBS  80.00  \$0.68  \$54.40    PHOSPHATE (0-46-0)  LBS  57.50  \$0.32  \$18.40    POTASH (0-0-60)  LBS  160.00  \$0.20  \$32.00    LIME (PRORATED)  TON  0.33  \$46.00  \$15.18    PESTICIDE  MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$147.06  \$147.06    MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$54.14  \$54.14    INSECTICIDES  PER ACRE  1.00  \$54.00  \$51.00    MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$54.00  \$51.00  \$51.00    NEMATACIDES  PER ACRE  1.00  \$86.53  \$55.00  \$20.00  \$43.88  \$43.88  \$45.3  \$55.3.4			100.00	-	<i><b>Q</b></i> <sup>1</sup> 00.00	
PLANTS / SLIPS    THOU.    12.50    \$40.00    \$500.00      FERTILIZER    24S LIQUID    LBS    80.00    \$0.68    \$54.40      PHOSPHATE (0-46-0)    LBS    57.50    \$0.32    \$18.40      POTASH (0-0-60)    LBS    160.00    \$0.20    \$32.00      LIME (PRORATED)    TON    0.33    \$46.00    \$15.18      PESTICIDE     MULTIPURPOSE FUMIGATION PER ACRE    1.00    \$147.06    \$147.06      MULTIPURPOSE FUMIGATION PER ACRE    1.00    \$147.06    \$147.06    \$147.06      MEMATACIDES    PER ACRE    1.00    \$51.00    \$51.00      NEMATACIDES    PER ACRE    1.00    \$43.88    \$43.88      TRACTOR/MACHINERY    PER ACRE    1.00    \$43.88    \$33.88      SCOUTING    PER ACRE    1.00    \$20.00    \$20.00      LABOR    TRANSPLANT    HRS    10.00    \$12.67    \$25.34      TRACTOR/MACHINERY    HRS    7.13    \$12.67    \$90.34    \$500.00      ANVEST COST <td></td> <td>20</td> <td></td> <td>φ0.<u></u>_0</td> <td>\$4,100.00 _</td> <td></td>		20		φ0. <u></u> _0	\$4,100.00 _	
PLANTS / SLIPS    THOU.    12.50    \$40.00    \$500.00      FERTILIZER    24S LIQUID    LBS    80.00    \$0.68    \$54.40      PHOSPHATE (0-46-0)    LBS    57.50    \$0.32    \$18.40      POTASH (0-0-60)    LBS    160.00    \$0.20    \$32.00      LIME (PRORATED)    TON    0.33    \$46.00    \$15.18      PESTICIDE     MULTIPURPOSE FUMIGATION PER ACRE    1.00    \$147.06    \$147.06      MULTIPURPOSE FUMIGATION PER ACRE    1.00    \$147.06    \$147.06    \$147.06      MEMATACIDES    PER ACRE    1.00    \$51.00    \$51.00      NEMATACIDES    PER ACRE    1.00    \$43.88    \$43.88      TRACTOR/MACHINERY    PER ACRE    1.00    \$43.88    \$33.88      SCOUTING    PER ACRE    1.00    \$20.00    \$20.00      LABOR    TRANSPLANT    HRS    10.00    \$12.67    \$25.34      TRACTOR/MACHINERY    HRS    7.13    \$12.67    \$90.34    \$500.00      ANVEST COST <td>2. VARIABLE COSTS</td> <td></td> <td></td> <td></td> <td></td> <td></td>	2. VARIABLE COSTS					
FERTILIZER  243 LIQUID  LBS  80.00  \$0.68  \$54.40    PHOSPHATE (0-46-0)  LBS  57.50  \$0.32  \$18.40    POTASH (0-0-60)  LBS  160.00  \$0.20  \$32.00    LIME (PRORATED)  TON  0.33  \$46.00  \$15.18    PESTICIDE  MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$147.06  \$147.06    MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$51.00  \$51.00  \$51.00    NEMATACIDES  PER ACRE  1.00  \$54.14  \$54.14    INSECTICIDES  PER ACRE  1.00  \$43.88  \$43.88    TRACTOR/MACHINERY  PER ACRE  1.00  \$43.88  \$43.88    SCOUTING  PER ACRE  1.00  \$88.53  \$20.00  \$20.00    LABOR  TRANSPLANT  HRS  10.00  \$12.67  \$126.70  \$126.70    HAND WEEDING  HRS  7.13  \$12.67  \$90.34  \$100  \$150.87  \$100    STORAGE  BUSHEL  500.00  \$1.00  \$50.00  \$50.00  \$50.00  \$50.00  \$50.00  \$50.00 <t< td=""><td></td><td>THOU.</td><td>12.50</td><td>\$40.00</td><td>\$500.00</td><td></td></t<>		THOU.	12.50	\$40.00	\$500.00	
24S LIQUID  LBS  80.00  \$0.68  \$54.40    PHOSPHATE (0-46-0)  LBS  57.50  \$0.32  \$18.40    POTASH (0-0-60)  LBS  160.00  \$0.20  \$32.00    LIME (PRORATED)  TON  0.33  \$46.00  \$15.18    PESTICIDE  MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$147.06  \$147.06    MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$51.00  \$51.00    NEMATACIDES  PER ACRE  1.00  \$54.14  \$54.14    INSECTICIDES  PER ACRE  1.00  \$54.14  \$54.14    INSECTICIDES  PER ACRE  1.00  \$43.88  \$43.88    TRACTOR/MACHINERY  PER ACRE  1.00  \$88.53  \$88.53    SCOUTING  PER ACRE  1.00  \$82.00  \$20.00    LABOR  TRANSPLANT  HRS  1.00  \$12.67  \$126.70    HARVEST COST  BUSHEL  500.00  \$1.50  \$750.00  \$50.00    STORAGE  BUSHEL  500.00  \$1.50  \$750.00  \$50.00  \$50.00  \$50.00  \$50.00  \$50.00			.2.00	ψ.0.00		
PHOSPHATE (0-46-0)  LBS  57.50  \$0.32  \$18.40    POTASH (0-0-60)  LBS  160.00  \$0.20  \$32.00    LIME (PRORATED)  TON  0.33  \$46.00  \$15.18    PESTICIDE		LBS	80.00	\$0.68	\$54 40	
POTASH (0-0-60)  LBS  160.00  \$0.20  \$32.00    LIME (PRORATED)  TON  0.33  \$46.00  \$15.18    PESTICIDE  MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$147.06  \$147.06    MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$51.00  \$51.00    NEMATACIDES  PER ACRE  1.00  \$54.14  \$51.00    NEMATACIDES  PER ACRE  1.00  \$43.88  \$43.88    TRACTOR/MACHINERY  PER ACRE  1.00  \$43.88  \$43.88    SCOUTING  PER ACRE  1.00  \$43.88  \$43.88    TRACTOR/MACHINERY  PER ACRE  1.00  \$88.53  \$88.53    SCOUTING  PER ACRE  1.00  \$20.00  \$20.00    LABOR  TRANSPLANT  HRS  10.00  \$12.67  \$126.70    HARVEST COST  BUSHEL  500.00  \$1.50  \$750.00  \$50.00    STORAGE  BUSHEL  500.00  \$1.50  \$750.00  \$50.00    COVER CROP  PER ACRE  1.00  \$50.00  \$64.17  \$50.00  \$50.00  \$50.00  \$50.00 <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td>				-		
LIME (PRORATED) TON 0.33 \$46.00 \$15.18				-		
PESTICIDE  MULTIPURPOSE FUMIGATION PER ACRE  1.00  \$147.06  \$147.06						
HERBICIDES  PER ACRE  1.00  \$51.00  \$51.00    NEMATACIDES  PER ACRE  1.00  \$54.14  \$54.14    INSECTICIDES  PER ACRE  1.00  \$43.88  \$43.88    TRACTOR/MACHINERY  PER ACRE  1.00  \$43.88  \$43.88    SCOUTING  PER ACRE  1.00  \$43.83  \$88.53    SCOUTING  PER ACRE  1.00  \$20.00  \$20.00    LABOR  TRANSPLANT  HRS  10.00  \$12.67  \$126.70    HAND WEEDING  HRS  2.00  \$12.67  \$25.34    TRACTOR/MACHINERY  HRS  7.13  \$12.67  \$90.34    HARVEST COST  BUSHEL  500.00  \$1.50  \$750.00    STORAGE  BUSHEL  500.00  \$1.00  \$500.00    COVER CROP  PER ACRE  1.00  \$50.00  \$50.00    INTEREST ON OP. CAP.  DOL.  \$1,283.49  5.0%  \$64.17    3. INCOME ABOVE VARIABLE COSTS:  \$1,468.86  \$1.468.86  \$1.468.85    TOTAL FIXED COSTS  \$88.53  \$88.53  \$55.00			0.55	ψ <del>1</del> 0.00	φιστιό	
HERBICIDES  PER ACRE  1.00  \$51.00  \$51.00    NEMATACIDES  PER ACRE  1.00  \$54.14  \$54.14    INSECTICIDES  PER ACRE  1.00  \$43.88  \$43.88    TRACTOR/MACHINERY  PER ACRE  1.00  \$88.53  \$88.53    SCOUTING  PER ACRE  1.00  \$20.00  \$20.00    LABOR  TRANSPLANT  HRS  10.00  \$12.67  \$126.70    HAND WEEDING  HRS  2.00  \$12.67  \$25.34    TRACTOR/MACHINERY  HRS  7.13  \$12.67  \$90.34    HARVEST COST  BUSHEL  500.00  \$1.00  \$500.00    STORAGE  BUSHEL  500.00  \$1.00  \$500.00    COVER CROP  PER ACRE  1.00  \$50.00  \$50.00    INTEREST ON OP. CAP.  DOL.  \$1,283.49  5.0%  \$64.17    3. INCOME ABOVE VARIABLE COSTS:  \$1,468.86  \$88.53  \$88.53    TOTAL VARIABLE COSTS:  \$1,468.86  \$88.53  \$88.53    TOTAL FIXED COSTS:  \$88.53  \$88.53  \$88.53    5. OTHE	MULTIPURPOSE FUMIGATION	I PER ACRE	1.00	\$147.06	\$147.06	
NEMATACIDES    PER ACRE    1.00    \$54.14    \$54.14      INSECTICIDES    PER ACRE    1.00    \$43.88    \$43.88      TRACTOR/MACHINERY    PER ACRE    1.00    \$88.53    \$88.53      SCOUTING    PER ACRE    1.00    \$88.53    \$88.53      SCOUTING    PER ACRE    1.00    \$20.00	HERBICIDES	PER ACRE	1.00	\$51.00	\$51.00	
INSECTICIDES  PER ACRE  1.00  \$43.88  \$53  \$53  \$50.00  \$50.00  \$50.00  \$21.67  \$25.34  \$34  \$34  \$44.88  \$44.88  \$44.88  \$44.88  \$44.88  \$44.88  \$44.88  \$44.88  \$44.88  \$44.88  \$46.47  \$25.00  \$50.00  \$50.00  \$50.00  \$50.00  \$50.00  \$50.00  <	NEMATACIDES	PER ACRE	1.00	\$54.14	\$54.14	
TRACTOR/MACHINERY  PER ACRE  1.00  \$88.53  \$88.53    SCOUTING  PER ACRE  1.00  \$20.00  \$20.00    LABOR  TRANSPLANT  HRS  10.00  \$12.67  \$126.70    HAND WEEDING  HRS  2.00  \$12.67  \$25.34    TRACTOR/MACHINERY  HRS  7.13  \$12.67  \$90.34    HARVEST COST  BUSHEL  500.00  \$1.50  \$750.00    STORAGE  BUSHEL  500.00  \$1.50  \$750.00    COVER CROP  PER ACRE  1.00  \$50.00  \$50.00    INTEREST ON OP. CAP.  DOL.  \$1,283.49  5.0%  \$64.17    TOTAL VARIABLE COSTS:  \$1,468.86  \$1,468.86  \$1,468.86    A. FIXED COSTS  \$1,468.86  \$3.  \$88.53  \$3.    TOTAL FIXED COSTS:  \$1,468.853  \$88.53  \$3.  \$3.    TOTAL FIXED COSTS:  \$88.53  \$88.53  \$5.0THER COSTS:  \$88.53  \$5.0THER COSTS	INSECTICIDES	PER ACRE	1.00	\$43.88		
SCOUTING    PER ACRE    1.00    \$20.00    \$20.00      LABOR    TRANSPLANT    HRS    10.00    \$12.67    \$126.70    \$126.77    \$25.34    \$126.77    \$25.34    \$126.70    \$126.77    \$25.34    \$126.77    \$126.77    \$126.70    \$126.77    \$126.70    \$126.77    \$126.70    \$126.77    \$126.70    \$126.77    \$126.70    \$126.77    \$126.70    \$126.77    \$126.70    \$100    \$100    \$100    \$100    \$100    \$100    \$100    \$100	TRACTOR/MACHINERY	PER ACRE	1.00	-		
LABOR  TRANSPLANT  HRS  10.00  \$12.67  \$126.70	SCOUTING			-		
TRANSPLANT  HRS  10.00  \$12.67  \$126.70					, · · · · <u> </u>	
HAND WEEDING  HRS  2.00  \$12.67  \$25.34    TRACTOR/MACHINERY  HRS  7.13  \$12.67  \$90.34    HARVEST COST  BUSHEL  500.00  \$1.50  \$7750.00    STORAGE  BUSHEL  500.00  \$1.00  \$500.00    COVER CROP  PER ACRE  1.00  \$50.00  \$50.00    INTEREST ON OP. CAP.  DOL.  \$1,283.49  5.0%  \$64.17    TOTAL VARIABLE COSTS:  \$2,631.14		HRS	10.00	\$12.67	\$126.70	
TRACTOR/MACHINERY  HRS  7.13  \$12.67  \$90.34				-	· -	
HARVEST COST  BUSHEL  500.00  \$1.50  \$750.00    STORAGE  BUSHEL  500.00  \$1.00  \$500.00    COVER CROP  PER ACRE  1.00  \$50.00  \$50.00    INTEREST ON OP. CAP.  DOL.  \$1,283.49  5.0%  \$64.17    TOTAL VARIABLE COSTS:  \$2,631.14						
STORAGE  BUSHEL  500.00  \$1.00  \$500.00    COVER CROP  PER ACRE  1.00  \$50.00  \$50.00    INTEREST ON OP. CAP.  DOL.  \$1,283.49  5.0%  \$64.17    TOTAL VARIABLE COSTS:  \$2,631.14					· · · ·	
COVER CROP  PER ACRE  1.00  \$50.00  \$50.00					· -	
INTEREST ON OP. CAP.  DOL.  \$1,283.49  5.0%  \$64.17    TOTAL VARIABLE COSTS:  \$2,631.14				-	•	
3. INCOME ABOVE VARIABLE COSTS:  \$1,468.86    4. FIXED COSTS  TRACTOR/MACHINERY    TOTAL FIXED COSTS:  \$88.53    5. OTHER COSTS  \$88.53						
4. FIXED COSTS  TRACTOR/MACHINERY  PER ACRE  1.00  \$88.53  \$88.53     TOTAL FIXED COSTS:  \$88.53    5. OTHER COSTS	TOTAL VARIABLE COSTS:			_	\$2,631.14 _	
TRACTOR/MACHINERY  PER ACRE  1.00  \$88.53  \$88.53    TOTAL FIXED COSTS:  \$88.53  \$88.53  \$88.53  \$88.53    5. OTHER COSTS  \$1.00  \$1.	3. INCOME ABOVE VARIABLE COSTS:				\$1,468.86	
TOTAL FIXED COSTS:  \$88.53    5. OTHER COSTS  \$88.53	3. INCOME ABOVE VARIABLE COSTS:				\$1,468.86 _	
TOTAL FIXED COSTS:  \$88.53    5. OTHER COSTS  \$88.53		PER ACRF	1 00	\$88.53	\$88 53	
5. OTHER COSTS						
	TOTAL FIXED COSTS:			_	\$88.53	
GENERAL OVERHEAD DOL. \$2,631.14 7.0% \$184.18	5. OTHER COSTS					
	GENERAL OVERHEAD	DOL.	\$2,631.14	7.0%	\$184.18	

TOTAL OTHER COSTS:				\$184.18	
6. TOTAL COSTS:				\$2,903.85	
7. NET RETURNS TO LAND,	RISK, AND MANA	AGEMENT:		\$1,196.15	
BREAK-EVEN YIELD			BREAK-EVEN PRICE		
VARIABLE COSTS TOTAL COSTS	311 BU. 344 BU.	15.6 Bins 17.2 Bins	VARIABLE COSTS TOTAL COSTS	\$5.43 per BU. \$5.99 per BU.	\$108.50 / Bin \$119.75 / Bin

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

Notes: N based on 2019 SE Vegetable Handbook. P & K based on Eastern NC removal rates. Assuming 500/lb acre yield with packout of 67% #1 Grade, 30% Lower Grade, and 3% Culls. Interest on operating capital assumes an average loan length of 6 months. Storage bins included in harvest and storage cost

MONTH	OPERATION	TIMES	LABOR	MACHINE	VARIABLE	FIXED
		OVER	HOURS	HOURS	COSTS	COSTS
APR, SEP	HEAVY DISK 16'	3.00	0.40	0.36	\$10.41	\$15.06
MAY	DISK W/ SPRAYER 21'	1.00	0.13	0.12	\$3.02	\$4.12
MAY	SUBSOILER-BEDDER 8-ROW	1.00	0.13	0.12	\$4.51	\$5.04
MAY	BED SHAPER 4-ROW	1.00	0.18	0.16	\$1.80	\$2.12
MAY	POTATO PLANTER (SWEET)	1.00	0.43	0.39	\$6.06	\$11.02
MAY(2), JUN	CULTIVATOR 4-ROW	3.00	0.76	0.69	\$10.38	\$12.03
JUN	TRACTOR MTD SPRAYER 90FT	3.00	0.10	0.09	\$3.33	\$11.64
AUG	ROTARY MOWER 14'	1.00	0.17	0.15	\$1.66	\$2.48
AUG	POTATO DIGGER (SWEET)	1.00	0.87	0.79	\$11.87	\$25.02
PER ACRE	TOTALS FOR					
SELECTED	OPERATIONS		3.17	2.87	\$53.04	\$88.53
	TED LABOR(HRS./AC.)		3.96			

YIELD				YIELD	PRICE (\$/Bin)			
BU. / Ac.	\$4.00	\$8.00	\$12.00	Bins / Ac.	\$80.00	\$160.00	\$240.00	
300	-\$1,431.14	-\$231.14	\$968.86	15	-\$1,431.14	-\$231.14	\$968.86	
400	-\$1,031.14	\$568.86	\$2,168.86	20	-\$1,031.14	\$568.86	\$2,168.86	
500	-\$631.14	\$1,368.86	\$3,368.86	25	-\$631.14	\$1,368.86	\$3,368.86	
600	-\$231.14	\$2,168.86	\$4,568.86	30	-\$231.14	\$2,168.86	\$4,568.86	
700	\$168.86	\$2,968.86	\$5,768.86	35	\$168.86	\$2,968.86	\$5,768.8	

Note: 1 Bin = 20 Bushels

			QUANTITY			MONT
		UNIT	QUANTIT	COST/UNIT	PER ACRE	MONTH
MULTIPUF	RPOSE FUMIGATION:					
	dichloropropene (Telone II)	GAL	9.00	\$16.34	\$147.06	MAY
HERBICID	ES:					
	flumioxazin (Valor)	OZ	3.00	\$4.50	\$13.50	MA
	clomazone (Command)	PT	2.50	\$15.00	\$37.50	MAY
	metolachlor (Dual II)	PT	0.75	\$15.77	\$11.82	MA
INSECTIC	IDES					
	bifenthrin	OZ	28.00	\$0.82	\$23.07	MAY, JUNE
	chlorpyrifos (Lorsban)	QT	2.00	\$10.41	\$20.81	MAY
NEMATICI	DES					
	fluopyram (Velum Prime)	OZ	6.00	\$9.02	\$54.14	JUNE
	TOTAL:				\$160.84	

Notes: Use of Telone II and Velum Prime assumes that the field has a high rate of nematodes and/or *M. enterlobii* has been detected.

Prepared by: Daniel Tregeagle, Derek Washburn North Carolina State Universtiy, Dept. Agricultural and Resource Economics