

## 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<br>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.<br>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<br>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<br>TOTAL COSTS | 311 BU.<br>344 BU. | 15.6 Bins<br>17.2 Bins | VARIABLE COSTS<br>TOTAL COSTS | \$5.43 per BU.<br>\$5.99 per BU. | \$108.50 / Bin<br>\$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.

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