Table 8.E Summary of estimated costs and returns per acre Strawberry, fresh market Irrigated, 6 ft spacing, 16 gpm, 7260 ft of drip tape, Alaba

| ITEM                     | UNIT   | PRICE    | QUANTITY | AMOUNT    | YOUR | FARM |
|--------------------------|--------|----------|----------|-----------|------|------|
|                          |        | dollars  |          | dollars   |      |      |
| INCOME                   |        |          |          |           |      |      |
|                          |        |          |          |           |      |      |
| TOTAL INCOME             |        |          |          | 0.00      |      |      |
| DIRECT EXPENSES          |        |          |          |           |      |      |
| FERTILIZER               | acre   | 664.47   | 1.0000   | 664.47    |      |      |
| FUNGICIDE                | acre   | 528.03   | 1.0000   | 528.03    |      |      |
| HERBICIDE                | acre   | 23.72    | 1.0000   | 23.72     |      |      |
| INSECTICIDE              | acre   | 393.08   | 1.0000   | 393.08    |      |      |
| SEED/PLANTS              | acre   | 3544.20  | 1.0000   | 3544.20   |      |      |
| MARKETING SUPPLIES       | acre   | 2868.00  | 1.0000   | 2868.00   |      |      |
| IRRIGATION SUPPLIES      | acre   | 429.60   | 1.0000   | 429.60    |      |      |
| PLASTIC MULCH            | acre   | 280.00   | 1.0000   | 280.00    |      |      |
| FIELD MANAGEMENT         | acre   | 1308.50  | 1.0000   | 1308.50   |      |      |
| Hand Labor               | hour   | 10.95    | 179.2201 | 1962.43   |      |      |
| Harvest Labor            | hour   | 10.95    | 91.0000  | 996.45    |      |      |
| Irrigation Labor         | hour   | 10.95    | 3.6500   | 39.97     |      |      |
| Operator Labor           | hour   | 13.69    | 11.7180  | 160.44    |      |      |
| Planting Labor           | hour   | 10.95    | 7.9949   | 87.55     |      |      |
| DIESEL FUEL              | gal    | 2.70     | 39.3940  | 106.46    |      |      |
| REPAIR & MAINTENANCE     | acre   | 28.31    | 1.0000   | 28.31     |      |      |
| INTEREST ON OP. CAP.     | acre   | 258.06   | 1.0000   | 258.06    |      |      |
|                          |        |          |          |           |      |      |
| TOTAL DIRECT EXPENSES    |        |          |          | 13679.27  |      |      |
| RETURNS ABOVE DIRECT EXE | PENSES |          |          | -13679.27 |      |      |
| TOTAL FIXED EXPENSES     |        |          |          | 595.07    |      |      |
|                          |        |          |          |           |      |      |
| TOTAL SPECIFIED EXPENSES | 5      |          |          | 14274.34  |      |      |
| RETURNS ABOVE TOTAL SPEC | CIFIED | EXPENSES |          | -14274.34 |      |      |

Note: Cost of production estimates are based on 2018 input prices.

Bucket cost detailed summary: 430.40+573.60+717.60+(573.60\*2)+(286.40\*2)=3441.60.

In tomato, there are two items--harvest boxes (\$1,700) and buckets, but strawberry does not harvest boxes. So, if we want to add harvest boxes we may be able to justify the cost(\$2,460).



Table 8.A Estimated resource use and costs for field operations, per acre
Strawberry, fresh market
Irrigated, 6 ft spacing, 16 gpm, 7260 ft of drip tape, Alabama, 2019

|                      |         |            |       |       |     | POWER UN | IT COST | EQUIPME | NT COST | ALLOC | LABOR   | OPERATING | 3/DURABI | E INPUT  |         |
|----------------------|---------|------------|-------|-------|-----|----------|---------|---------|---------|-------|---------|-----------|----------|----------|---------|
| OPERATION/           | SIZE/   | POWER UNIT | PERF  | TIMES |     |          |         |         |         |       |         |           |          |          | TOTAL   |
| OPERATING INPUT      | UNIT    | SIZE       | RATE  | OVER  | MTH | DIRECT   | FIXED   | DIRECT  | FIXED   | HOURS | COST    | AMOUNT    | PRICE    | COST     | COST    |
|                      |         |            |       |       |     |          | dol     | lars    |         |       | dollars | -         |          | -dollars |         |
| Hand Labor           | hour    |            |       | 1.00  | Jun |          |         |         |         | 0.50  | 5.48    |           |          |          | 5.48    |
| Soil Test            | each    |            |       |       |     |          |         |         |         |       |         | 1.0000    | 7.00     | 7.00     | 7.00    |
| Disk Harrow          | 10 Ft   | 2WD 75 hp  | 0.198 | 1.00  | Jun | 2.26     | 1.25    | 0.43    | 1.02    | 0.19  | 2.72    |           |          |          | 7.68    |
| Custom Apply Fert    | acre    |            |       | 1.00  | Jun |          |         |         |         |       |         | 1.0000    | 8.50     | 8.50     | 8.50    |
| Lime (Spread)        | ton     |            |       |       |     |          |         |         |         |       |         | 1.0000    | 38.00    | 38.00    | 38.00   |
| Fert Sprd Pull Type  | 10 ft   | 2WD 75 hp  | 0.235 | 1.00  | Jun | 2.68     | 1.49    | 2.37    | 10.11   | 0.23  | 3.23    |           |          |          | 19.88   |
| Fert 10-10-10        | 1b      |            |       |       |     |          |         |         |         |       |         | 300.0000  | 0.29     | 87.00    | 87.00   |
| Fert Sprd Pull Type  | 10 ft   | 2WD 75 hp  | 0.235 | 1.00  | Jun | 2.68     | 1.49    | 2.37    | 10.11   | 0.23  | 3.23    |           |          |          | 19.88   |
| Millet               | 1b      |            |       |       |     |          |         |         |         |       |         | 40.0000   | 0.50     | 20.00    | 20.00   |
| Soybeans (RR)        | 1b      |            |       |       |     |          |         |         |         |       |         | 80.0000   | 0.74     | 59.20    | 59.20   |
| Cultipacker          | 12 Ft   | 2WD 75 hp  | 0.124 | 1.00  | Jun | 1.45     | 0.97    | 0.16    | 0.25    | 0.12  | 1.70    |           |          |          | 4.53    |
| Disk Harrow          | 10 Ft   | 2WD 75 hp  | 0.198 | 1.00  | Aug | 2.26     | 1.25    | 0.43    | 1.02    | 0.19  | 2.72    |           |          |          | 7.68    |
| Chisel Plow          | 8 Ft    | 2WD 75 hp  | 0.220 | 2.00  | Aug | 5.01     | 2.78    | 1.19    | 2.31    | 0.44  | 6.03    |           |          |          | 17.32   |
| Sub-Soiler           | 1 shank | 2WD 75 hp  |       |       | _   | 12.26    | 6.80    | 0.33    | 0.92    | 1.07  | 14.76   |           |          |          | 35.07   |
| Disk Harrow          | 10 Ft   | 2WD 75 hp  |       |       | Aug | 2.26     | 1.25    | 0.43    | 1.02    | 0.19  | 2.72    |           |          |          | 7.68    |
| Chisel Plow          | 8 Ft    | 2WD 75 hp  |       |       | Sep | 2.51     | 1.39    | 0.59    | 1.15    | 0.22  | 3.02    |           |          |          | 8.66    |
| Fert Sprd Pull Type  | 10 ft   | 2WD 75 hp  |       |       | -   | 2.68     | 1.49    | 2.37    | 10.11   | 0.23  | 3.23    |           |          |          | 19.88   |
| Amm Nitrate (34%)    | lb      | 200 /0 115 | 0.255 | 1.00  | DOP | 2.00     |         | 2.37    |         | 0.23  | 3.23    | 175.0000  | 0.28     | 49.00    | 49.00   |
| Potassium Sulfate    | lb      |            |       |       |     |          |         |         |         |       |         | 120.0000  | 0.27     | 32.40    | 32.40   |
| Triple Superphosph   |         |            |       |       |     |          |         |         |         |       |         | 100.0000  | 0.46     | 46.00    | 46.00   |
| BS,L,T,Fung S Berry  |         | 2WD 75 hp  | 1 070 | 1 00  | Con | 12.26    | 6.80    | 3.77    | 12.06   | 4.31  | 50.19   | 100.0000  | 0.40     | 40.00    | 85.08   |
| Plastic Mulch 5 ft   |         | 2WD 75 11p | 1.070 | 1.00  | sep | 12.20    | 0.00    | 3.77    | 12.00   | 4.31  | 30.19   | 2 0000    | 140.00   | 280.00   | 280.00  |
| Drip Tape (6000Ft)   |         |            |       |       |     |          |         |         |         |       |         | 1.3000    |          | 202.80   | 202.80  |
| Goal 2XL             |         |            |       |       |     |          |         |         |         |       |         | 1.0000    |          | 10.00    | 10.00   |
|                      | pt      | 25/D 75 h- | 1 506 | 1 00  | 0   | 10 05    | 10 01   | 0 12    | 10 76   | c 24  | 72 04   | 1.0000    | 10.00    | 10.00    | 112.79  |
| Planter/Transplanter |         | 2WD 75 hp  | 1.566 | 1.00  | OGE | 18.05    | 10.01   | 0.13    | 10.76   | 6.34  | 73.84   |           |          |          |         |
| Hand Labor           | hour    |            |       |       |     |          |         |         |         | 30.00 | 328.50  | 102 0000  | 07 50    | 2200 50  | 328.50  |
| Strawberry Plants    | 100     |            |       |       |     |          |         |         |         |       |         | 123.0000  | 27.50    | 3382.50  | 3382.50 |
| Irrigation Setup     |         |            |       | 1.00  | OCE |          |         |         |         |       |         | 010 0000  |          |          | 006.00  |
| 1/2 of water needs   | _       | o 1        |       |       |     | 0 40     |         | 0.15    |         |       | 1 00    | 810.0000  | 0.28     | 226.80   | 226.80  |
| Spray (Broadcast)    | 27'     | 2WD 50 hp  | 0.062 | 1.00  | Oct | 0.48     | 0.28    | 0.15    | 0.20    | 0.09  | 1.20    |           |          |          | 2.31    |
| Brigade WSB          | 1b      |            |       |       |     |          |         |         |         |       |         | 3.2000    | 20.73    | 66.34    | 66.34   |
| Monitor Nitrates     | _       |            |       | 1.00  | Oct |          |         |         |         |       |         |           |          |          |         |
| Hand Labor           | hour    |            |       |       |     |          |         |         |         | 0.25  | 2.74    |           |          |          | 2.74    |
| Tissue Sample SBer   | ry each |            |       |       |     |          |         |         |         |       |         | 1.0000    | 4.50     | 4.50     | 4.50    |
| Irrigation Setup     |         |            |       | 1.00  | Oct |          |         |         |         |       |         |           |          |          |         |
| Irrigation Labor     | hour    |            |       |       |     |          |         |         |         | 2.00  | 21.90   |           |          |          | 21.90   |
| Replant Strawberries |         |            |       | 1.00  | Oct |          |         |         |         |       |         |           |          |          |         |
| Hand Labor           | hour    |            |       |       |     |          |         |         |         | 1.00  | 10.95   |           |          |          | 10.95   |
| Strawberry Plants    | 100     |            |       |       |     |          |         |         |         |       |         | 3.0000    | 27.50    | 82.50    | 82.50   |
| Spray (Broadcast)    | 27'     | 2WD 50 hp  | 0.062 | 1.00  | Nov | 0.48     | 0.28    | 0.15    | 0.20    | 0.09  | 1.20    |           |          |          | 2.31    |
| Brigade WSB          | 1b      |            |       |       |     |          |         |         |         |       |         | 3.2000    | 20.73    | 66.34    | 66.34   |
| Row Covers S.Berry   |         |            |       | 1.00  | Nov |          |         |         |         |       |         |           |          |          |         |

| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 4.00  | 43.80  |           |        |         | 43.80   |
|---------------------|----------|-----------|-------|------|-----|------|------|------|------|-------|--------|-----------|--------|---------|---------|
| Row Covers          | roll     |           |       |      |     |      |      |      |      |       |        | 7.0000    | 147.00 | 1029.00 | 1029.00 |
| Secure Row Covers   |          |           |       | 1.00 | Nov |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 2.00  | 21.90  |           |        |         | 21.90   |
| Bag-secure row co   | ver each |           |       |      |     |      |      |      |      |       |        | 2500.0000 | 0.10   | 250.00  | 250.00  |
| Row Covers S.Berry  |          |           |       | 1.00 | Dec |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 6.00  | 65.70  |           |        |         | 65.70   |
| Weed and Clean      |          |           |       | 1.00 | Dec |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 24.00 | 262.80 |           |        |         | 262.80  |
| Row Covers S.Berry  |          |           |       | 1.00 | Dec |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 6.00  | 65.70  |           |        |         | 65.70   |
| Row Covers S.Berry  |          |           |       | 1.00 | Jan |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 6.00  | 65.70  |           |        |         | 65.70   |
| Rotary Cutter       | 7 ft     | 2WD 75 hp | 0.169 | 1.00 | Jan | 1.93 | 1.07 | 0.56 | 0.43 | 0.16  | 2.32   |           |        |         | 6.31    |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 12.00 | 131.40 |           |        |         | 131.40  |
| Weed and Clean      |          |           |       | 1.00 | Jan |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 40.00 | 438.00 |           |        |         | 438.00  |
| Spray (Broadcast)   | 27'      | 2WD 50 hp | 0.062 | 1.00 | Jan | 0.48 | 0.28 | 0.15 | 0.20 | 0.09  | 1.20   |           |        |         | 2.31    |
| Captan 50 WP        | 1b       |           |       |      |     |      |      |      |      |       |        | 4.0000    | 5.53   | 22.12   | 22.12   |
| Pest scouting SBerr | У        |           |       | 4.00 | Feb |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 4.00  | 43.80  |           |        |         | 43.80   |
| Spray (Broadcast)   | 27'      | 2WD 50 hp | 0.062 | 1.00 | Feb | 0.48 | 0.28 | 0.15 | 0.20 | 0.09  | 1.20   |           |        |         | 2.31    |
| Gramoxone Max       | pt       |           |       |      |     |      |      |      |      |       |        | 0.2500    | 4.97   | 1.24    | 1.24    |
| Crop oil Conc. (V   | eg) pt   |           |       |      |     |      |      |      |      |       |        | 2.0000    | 2.51   | 5.02    | 5.02    |
| Spray (Broadcast)   | 27'      | 2WD 50 hp | 0.062 | 1.00 | Feb | 0.48 | 0.28 | 0.15 | 0.20 | 0.09  | 1.20   |           |        |         | 2.31    |
| Brigade WSB         | 1b       |           |       |      |     |      |      |      |      |       |        | 3.2000    | 20.73  | 66.34   | 66.34   |
| Irrigate & Check    |          |           |       | 1.00 | Feb |      |      |      |      |       |        |           |        |         |         |
| Irrigation Labor    | hour     |           |       |      |     |      |      |      |      | 0.20  | 2.19   |           |        |         | 2.19    |
| Ridomil Gold EC     | oz       |           |       |      |     |      |      |      |      |       |        | 16.0000   | 5.95   | 95.20   | 95.20   |
| Spray (Broadcast)   | 27'      | 2WD 50 hp | 0.062 | 1.00 | Feb | 0.48 | 0.28 | 0.15 | 0.20 | 0.09  | 1.20   |           |        |         | 2.31    |
| Lorsban 4E          | pt       |           |       |      |     |      |      |      |      |       |        | 2.0000    | 6.42   | 12.84   | 12.84   |
| Monitor Nitrates    |          |           |       | 2.00 | Mar |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 0.50  | 5.48   |           |        |         | 5.48    |
| Tissue Sample SBe   | rry each |           |       |      |     |      |      |      |      |       |        | 2.0000    | 4.50   | 9.00    | 9.00    |
| Weed and Clean      |          |           |       | 1.00 | Mar |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 10.00 | 109.50 |           |        |         | 109.50  |
| Fertigation         |          |           |       | 1.00 | Mar |      |      |      |      |       |        |           |        |         |         |
| Irrigation Labor    | hour     |           |       |      |     |      |      |      |      | 0.20  | 2.19   |           |        |         | 2.19    |
| 32% Liquid Nitrog   | en qt    |           |       |      |     |      |      |      |      |       |        | 12.9200   | 12.99  | 167.83  | 167.83  |
| Sul-Po-Mag          | 1b       |           |       |      |     |      |      |      |      |       |        | 10.0000   | 0.21   | 2.10    | 2.10    |
| Boron (20% Sol)     | 1b       |           |       |      |     |      |      |      |      |       |        | 0.6300    | 0.40   | 0.25    | 0.25    |
| Row Covers S.Berry  |          |           |       | 1.00 | Mar |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 6.00  | 65.70  |           |        |         | 65.70   |
| Row Covers S.Berry  |          |           |       | 1.00 | Mar |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       |      |     |      |      |      |      | 6.00  | 65.70  |           |        |         | 65.70   |
| Pest scouting SBerr |          |           |       | 2.00 | Mar |      |      |      |      |       |        |           |        |         |         |
| Hand Labor          | hour     |           |       | _    |     |      |      |      |      | 2.00  | 21.90  |           |        |         | 21.90   |
| Spray (Broadcast)   | 27'      | 2WD 50 hp | 0.062 | 1.00 | Mar | 0.48 | 0.28 | 0.15 | 0.20 | 0.09  | 1.20   |           |        |         | 2.31    |
| Brigade WSB         | 1b       |           |       |      |     |      |      |      |      |       |        | 3.2000    | 20.73  | 66.34   | 66.34   |
| Spray (Broadcast)   | 27'      | 2WD 50 hp | 0.062 | 1.00 | Mar | 0.48 | 0.28 | 0.15 | 0.20 | 0.09  | 1.20   | 4 444-    |        | 00.77   | 2.31    |
| Captan 50 WP        | 1b       |           |       |      |     |      |      |      |      |       |        | 4.0000    | 5.53   | 22.12   | 22.12   |

| Row Covers S.Berry   |         |           |       | 1.00 | Mar |      |      |      |      |       |        |          |       |        |        |
|----------------------|---------|-----------|-------|------|-----|------|------|------|------|-------|--------|----------|-------|--------|--------|
| Hand Labor           | hour    |           |       |      |     |      |      |      |      | 6.00  | 65.70  |          |       |        | 65.70  |
| Row Covers S.Berry   |         |           |       | 1.00 | Mar |      |      |      |      |       |        |          |       |        |        |
| Hand Labor           | hour    |           |       |      |     |      |      |      |      | 6.00  | 65.70  |          |       |        | 65.70  |
| Irrigate & Check     |         |           |       | 1.00 | Mar |      |      |      |      |       |        |          |       |        |        |
| Irrigation Labor     | hour    |           |       |      |     |      |      |      |      | 0.20  | 2.19   |          |       |        | 2.19   |
| Ridomil Gold EC      | oz      |           |       |      |     |      |      |      |      |       |        | 16.0000  | 5.95  | 95.20  | 95.20  |
| Fertigation          |         |           |       | 1.00 | Mar |      |      |      |      |       |        |          |       |        |        |
| Irrigation Labor     | hour    |           |       |      |     |      |      |      |      | 0.20  | 2.19   |          |       |        | 2.19   |
| 32% Liquid Nitroge   | n qt    |           |       |      |     |      |      |      |      |       |        | 12.9200  | 12.99 | 167.83 | 167.83 |
| Sul-Po-Mag           | 1b      |           |       |      |     |      |      |      |      |       |        | 10.0000  | 0.21  | 2.10   | 2.10   |
| Spray (Broadcast)    | 27'     | 2WD 50 hp | 0.062 | 1.00 | Mar | 0.48 | 0.28 | 0.15 | 0.20 | 0.09  | 1.20   |          |       |        | 2.31   |
| Elevate 50 WDG       | lb      |           |       |      |     |      |      |      |      |       |        | 1.5000   | 35.55 | 53.33  | 53.33  |
| Fertigation          |         |           |       | 1.00 | Apr |      |      |      |      |       |        |          |       |        |        |
| Irrigation Labor     | hour    |           |       |      |     |      |      |      |      | 0.20  | 2.19   |          |       |        | 2.19   |
| Sul-Po-Mag           | 1b      |           |       |      |     |      |      |      |      |       |        | 10.0000  | 0.21  | 2.10   | 2.10   |
| Calcium Nitrate      | 1b      |           |       |      |     |      |      |      |      |       |        | 67.7400  | 0.20  | 13.55  | 13.55  |
| Monitor Nitrates     |         |           |       | 1.00 | Apr |      |      |      |      |       |        |          |       |        |        |
| Hand Labor           | hour    |           |       |      |     |      |      |      |      | 0.25  | 2.74   |          |       |        | 2.74   |
| Tissue Sample SBer   | ry each |           |       |      |     |      |      |      |      |       |        | 1.0000   | 4.50  | 4.50   | 4.50   |
| Spray (Broadcast)    | 27'     | 2WD 50 hp | 0.062 | 1.00 | Apr | 0.48 | 0.28 | 0.15 | 0.20 | 0.09  | 1.20   |          |       |        | 2.31   |
| Agri-Mek             | oz      |           |       |      |     |      |      |      |      |       |        | 16.0000  | 3.59  | 57.44  | 57.44  |
| Spray (Broadcast)    | 27'     | 2WD 50 hp | 0.062 | 1.00 | Apr | 0.48 | 0.28 | 0.15 | 0.20 | 0.09  | 1.20   |          |       |        | 2.31   |
| Elevate 50 WDG       | lb      |           |       |      |     |      |      |      |      |       |        | 1.5000   | 35.55 | 53.33  | 53.33  |
| Nova 40W             | oz      |           |       |      |     |      |      |      |      |       |        | 5.0000   | 4.00  | 20.00  | 20.00  |
| Fertigation          |         |           |       | 1.00 | Apr |      |      |      |      |       |        |          |       |        |        |
| Irrigation Labor     | hour    |           |       |      |     |      |      |      |      | 0.25  | 2.74   |          |       |        | 2.74   |
| Potassium Nitrate    | 1b      |           |       |      |     |      |      |      |      |       |        | 53.8500  | 0.36  | 19.39  | 19.39  |
| Harvest Strawberries |         |           |       | 1.00 | Apr |      |      |      |      |       |        |          |       |        |        |
| Trailer Utility      | 10 ft   | 2WD 50 hp | 0.600 |      |     | 4.57 | 2.66 | 0.09 | 0.33 | 0.60  | 8.21   |          |       |        | 15.86  |
| Harvest Labor        | hour    |           |       |      |     |      |      |      |      | 9.00  | 98.55  |          |       |        | 98.55  |
| Strawberry Bucket    | 4 qrt.  |           |       |      |     |      |      |      |      |       |        | 358.0000 | 0.80  | 286.40 | 286.40 |
| Spray (Broadcast)    | 27'     | 2WD 50 hp | 0.062 | 1.00 | Apr | 0.48 | 0.28 | 0.15 | 0.20 | 0.09  | 1.20   |          |       |        | 2.31   |
| Captan 50 WP         | lb      |           |       |      |     |      |      |      |      |       |        | 4.0000   | 5.53  | 22.12  | 22.12  |
| Agri-Mek             | oz      |           |       |      |     |      |      |      |      |       |        | 16.0000  | 3.59  | 57.44  | 57.44  |
| Harvest Strawberries |         |           |       | 1.00 | Apr |      |      |      |      |       |        |          |       |        |        |
| Trailer Utility      | 10 ft   | 2WD 50 hp | 0.600 |      |     | 4.57 | 2.66 | 0.09 | 0.33 | 0.60  | 8.21   |          |       |        | 15.86  |
| Harvest Labor        | hour    |           |       |      |     |      |      |      |      | 14.00 | 153.30 |          |       |        | 153.30 |
| Strawberry Bucket    | 4 qrt.  |           |       |      |     |      |      |      |      |       |        | 538.0000 | 0.80  | 430.40 | 430.40 |
| Monitor Nitrates     |         |           |       | 1.00 | May |      |      |      |      |       |        |          |       |        |        |
| Hand Labor           | hour    |           |       |      |     |      |      |      |      | 0.25  | 2.74   |          |       |        | 2.74   |
| Tissue Sample SBer   | ry each |           |       |      |     |      |      |      |      |       |        | 1.0000   | 4.50  | 4.50   | 4.50   |
| Fertigation          |         |           |       | 1.00 | May |      |      |      |      |       |        |          |       |        |        |
| Irrigation Labor     | hour    |           |       |      |     |      |      |      |      | 0.20  | 2.19   |          |       |        | 2.19   |
| Potassium Nitrate    | lb      |           |       |      |     |      |      |      |      |       |        | 53.8500  | 0.36  | 19.39  | 19.39  |
| Spray (Broadcast)    | 27'     | 2WD 50 hp | 0.062 | 1.00 | May | 0.48 | 0.28 | 0.15 | 0.20 | 0.09  | 1.20   |          | a= == |        | 2.31   |
| Elevate 50 WDG       | 1b      |           |       |      |     |      |      |      |      |       |        | 1.5000   | 35.55 | 53.33  | 53.33  |
| Rally                | oz      |           |       | 1 66 | 3.5 |      |      |      |      |       |        | 5.0000   | 3.59  | 17.95  | 17.95  |
| Harvest Strawberries |         | 0tm 50 t  | 0 600 | 1.00 | may | 4 55 | 2.55 | 0.00 | 0 33 | 0.60  | 0 01   |          |       |        | 15.00  |
| Trailer Utility      | 10 ft   | 2WD 50 hp | 0.600 |      |     | 4.57 | 2.66 | 0.09 | 0.33 | 0.60  | 8.21   |          |       |        | 15.86  |
| Harvest Labor        | hour    |           |       |      |     |      |      |      |      | T8.00 | 197.10 |          |       |        | 197.10 |

| Strawberry Bucket    | 4 qrt.    |           |       |      |     |        |       |       |       |        |         | 717.0000 | 0.80  | 573.60   | 573.60   |
|----------------------|-----------|-----------|-------|------|-----|--------|-------|-------|-------|--------|---------|----------|-------|----------|----------|
| Fertigation          |           |           |       | 1.00 | May |        |       |       |       |        |         |          |       |          |          |
| Irrigation Labor     | hour      |           |       |      |     |        |       |       |       | 0.20   | 2.19    |          |       |          | 2.19     |
| Calcium Nitrate      | 1b        |           |       |      |     |        |       |       |       |        |         | 45.1600  | 0.20  | 9.03     | 9.03     |
| Harvest Strawberries | 3         |           |       | 1.00 | May |        |       |       |       |        |         |          |       |          |          |
| Trailer Utility      | 10 ft     | 2WD 50 hp | 0.600 |      |     | 4.57   | 2.66  | 0.09  | 0.33  | 0.60   | 8.21    |          |       |          | 15.86    |
| Harvest Labor        | hour      |           |       |      |     |        |       |       |       | 23.00  | 251.85  |          |       |          | 251.85   |
| Strawberry Bucket    | 4 qrt.    |           |       |      |     |        |       |       |       |        |         | 897.0000 | 0.80  | 717.60   | 717.60   |
| Harvest Strawberries | 3         |           |       | 1.00 | May |        |       |       |       |        |         |          |       |          |          |
| Trailer Utility      | 10 ft     | 2WD 50 hp | 0.600 |      |     | 4.57   | 2.66  | 0.09  | 0.33  | 0.60   | 8.21    |          |       |          | 15.86    |
| Harvest Labor        | hour      |           |       |      |     |        |       |       |       | 18.00  | 197.10  |          |       |          | 197.10   |
| Strawberry Bucket    | 4 qrt.    |           |       |      |     |        |       |       |       |        |         | 717.0000 | 0.80  | 573.60   | 573.60   |
| Spray (Broadcast)    | 27'       | 2WD 50 hp | 0.062 | 1.00 | May | 0.48   | 0.28  | 0.15  | 0.20  | 0.09   | 1.20    |          |       |          | 2.31     |
| Elevate 50 WDG       | lb        |           |       |      |     |        |       |       |       |        |         | 1.5000   | 35.55 | 53.33    | 53.33    |
| Nova 40W             | oz        |           |       |      |     |        |       |       |       |        |         | 5.0000   | 4.00  | 20.00    | 20.00    |
| Harvest Strawberries | i         |           |       | 1.00 | May |        |       |       |       |        |         |          |       |          |          |
| Trailer Utility      | 10 ft     | 2WD 50 hp | 0.600 |      |     | 4.57   | 2.66  | 0.09  | 0.33  | 0.60   | 8.21    |          |       |          | 15.86    |
| Harvest Labor        | hour      |           |       |      |     |        |       |       |       | 9.00   | 98.55   |          |       |          | 98.55    |
| Strawberry Bucket    | 4 qrt.    |           |       |      |     |        |       |       |       |        |         | 358.0000 | 0.80  | 286.40   | 286.40   |
| Mulch Lifter         | 1 Row     | 2WD 75 hp | 0.589 | 1.00 | May | 6.70   | 3.72  | 0.13  | 2.78  | 0.58   | 8.07    |          |       |          | 21.40    |
| Take up Reel (Mulch  | 1 Row     | 2WD 75 hp | 0.588 | 1.00 | May | 6.69   | 3.71  | 0.42  | 1.79  | 0.58   | 8.05    |          |       |          | 20.66    |
| Hand Labor           | hour      |           |       |      |     |        |       |       |       | 6.00   | 65.70   |          |       |          | 65.70    |
| Spray (Broadcast)    | 27'       | 2WD 50 hp | 0.062 | 1.00 | May | 0.48   | 0.28  | 0.15  | 0.20  | 0.09   | 1.20    |          |       |          | 2.31     |
| Gramoxone Max        | pt        |           |       |      |     |        |       |       |       |        |         | 1.5000   | 4.97  | 7.46     | 7.46     |
| Irrigation Setup     | acre      |           |       |      | Jan |        |       |       |       |        |         | 1.0000   |       |          | 458.62   |
|                      |           |           |       |      |     |        |       |       |       |        |         |          |       |          |          |
| TOTALS               |           |           |       |      |     | 116.30 | 65.63 | 18.47 | 70.82 | 293.58 | 3246.84 |          | 1     | 10039.60 | 14016.28 |
| INTEREST ON OPERATIN | G CAPITAL |           |       |      |     |        |       |       |       |        |         |          |       |          | 258.06   |
| UNALLOCATED LABOR    |           |           |       |      |     |        |       |       |       |        |         |          |       |          | 0.00     |
| TOTAL SPECIFIED COST |           |           |       |      |     |        |       |       |       |        |         |          |       |          | 14274.34 |
|                      |           |           |       |      |     |        |       |       |       |        |         |          |       |          |          |

Note: Cost of production estimates are based on 2018 input prices.



Table 8.L Breakeven price above total expenses and net returns for price/yield combinations, per acre Strawberry, fresh market Irrigated, 6 ft spacing, 16 gpm, 7260 ft of drip tape, Alabama, 2019

|       |       |       |       | ICE   | AKEVEN PR | BRE   |       |       |       |       |      |         |        |
|-------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|-------|------|---------|--------|
| 8.34  | 7.11  | 6.22  | 5.56  | 5.05  | 4.64      | 4.30  | 4.02  | 3.78  | 3.58  | 3.40  |      | erries  | Strawb |
|       |       |       |       |       | ollars    | d     |       |       |       |       | UNIT | T YIELD | PERCEN |
| 595   | -1303 | -2660 | -3677 | -4468 | -5101     | -5619 | -6050 | -6415 | -6728 | -7000 | 4 qt | 1537.50 | 50     |
| C     | -1898 | -3255 | -4272 | -5063 | -5696     | -6214 | -6645 | -7011 | -7324 | -7595 |      |         |        |
| 2873  | 595   | -1032 | -2253 | -3202 | -3962     | -4583 | -5101 | -5539 | -5915 | -6240 | 4 qt | 1845.00 | 60     |
| 2278  | 0     | -1627 | -2848 | -3797 | -4557     | -5178 | -5696 | -6134 | -6510 | -6835 |      |         |        |
| 5152  | 2493  | 595   | -829  | -1936 | -2822     | -3547 | -4151 | -4663 | -5101 | -5481 | 4 qt | 2152.50 | 70     |
| 4557  | 1898  | 0     | -1424 | -2531 | -3417     | -4142 | -4747 | -5258 | -5696 | -6076 |      |         |        |
| 7430  | 4392  | 2222  | 595   | -670  | -1683     | -2512 | -3202 | -3786 | -4287 | -4721 | 4 qt | 2460.00 | 80     |
| 6835  | 3797  | 1627  | 0     | -1265 | -2278     | -3107 | -3797 | -4381 | -4882 | -5316 |      |         |        |
| 9709  | 6291  | 3850  | 2019  | 595   | -544      | -1476 | -2253 | -2910 | -3473 | -3962 | 4 qt | 2767.50 | 90     |
| 9114  | 5696  | 3255  | 1424  | 0     | -1139     | -2071 | -2848 | -3505 | -4068 | -4557 |      |         |        |
| 11987 | 8190  | 5477  | 3443  | 1860  | 595       | -440  | -1303 | -2034 | -2660 | -3202 | 4 qt | 3075.00 | 100    |
| 11392 | 7595  | 4882  | 2848  | 1265  | 0         | -1035 | -1898 | -2629 | -3255 | -3797 |      |         |        |
| 14266 | 10089 | 7105  | 4867  | 3126  | 1734      | 595   | -354  | -1157 | -1846 | -2443 | 4 qt | 3382.50 | 110    |
| 13671 | 9494  | 6510  | 4272  | 2531  | 1139      | 0     | -949  | -1752 | -2441 | -3038 |      |         |        |
| 16545 | 11987 | 8732  | 6291  | 4392  | 2873      | 1630  | 595   | -281  | -1032 | -1683 | 4 qt | 3690.00 | 120    |
| 15950 | 11392 | 8137  | 5696  | 3797  | 2278      | 1035  | 0     | -876  | -1627 | -2278 |      |         |        |
| 18823 | 13886 | 10360 | 7715  | 5658  | 4012      | 2666  | 1544  | 595   | -218  | -923  | 4 qt | 3997.50 | 130    |
| 18228 | 13291 | 9765  | 7120  | 5063  | 3417      | 2071  | 949   | 0     | -813  | -1519 |      |         |        |
| 21102 | 15785 | 11987 | 9139  | 6924  | 5152      | 3702  | 2493  | 1471  | 595   | -164  | 4 qt | 4305.00 | 140    |
| 20507 | 15190 | 11392 | 8544  | 6329  | 4557      | 3107  | 1898  | 876   | 0     | -759  |      |         |        |
| 23380 | 17684 | 13615 | 10563 | 8190  | 6291      | 4737  | 3443  | 2347  | 1408  | 595   | 4 qt | 4612.50 | 150    |
| 22785 | 17089 | 13020 | 9968  | 7595  | 5696      | 4142  | 2848  | 1752  | 813   | 0     |      |         |        |

The top number in each cell is Returns Above Direct Expenses.

The bottom number in each cell is Returns Above Total Specified Expenses.

Only the product listed has been varied to calculate net returns.

Note: Cost of production estimates are based on 2018 input prices.

