



ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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Table A.1. Aggregated Data of Rice

| ID | Q kg | LD rai | LB man-day | FERT1 kg | FERT2 kg | PEST baht | HERB baht | SEED kg |
|----|---------|-----------|---------------|-------------|-------------|--------------|--------------|------------|
| 1 | 2000 | 5.00 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.0 |
| 2 | 1750 | 2.75 | 54.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.0 |
| 3 | 1200 | 2.00 | 51.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |
| 4 | 1800 | 3.00 | 51.0 | 0.0 | 48.0 | 0.0 | 0.0 | 25.0 |
| 5 | 8000 | 16.00 | 260.0 | 0.0 | 200.0 | 0.0 | 0.0 | 80.0 |
| 6 | 3500 | 7.00 | 127.0 | 0.0 | 100.0 | 0.0 | 0.0 | 50.0 |
| 7 | 6000 | 9.00 | 193.0 | 0.0 | 200.0 | 0.0 | 0.0 | 50.0 |
| 8 | 6978 | 10.00 | 209.0 | 0.0 | 0.0 | 0.0 | 0.0 | 80.0 |
| 8 | 3500 | 7.00 | 162.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.0 |
| 10 | 2800 | 4.00 | 74.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |
| 11 | 2400 | 6.00 | 142.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.0 |
| 12 | 4600 | 11.00 | 231.0 | 0.0 | 0.0 | 0.0 | 0.0 | 80.0 |
| 13 | 4200 | 7.00 | 132.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.0 |
| 14 | 3990 | 7.00 | 148.0 | 0.0 | 0.0 | 0.0 | 0.0 | 150.0 |
| 15 | 2500 | 2.50 | 63.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |
| 16 | 3200 | 5.00 | 108.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50.0 |
| 17 | 4000 | 7.00 | 133.0 | 0.0 | 0.0 | 0.0 | 498.0 | 60.0 |
| 18 | 6500 | 9.00 | 215.0 | 0.0 | 0.0 | 0.0 | 249.0 | 75.0 |
| 19 | 7985 | 15.00 | 282.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45.0 |
| 20 | 4200 | 6.50 | 117.0 | 0.0 | 0.0 | 0.0 | 249.0 | 40.0 |
| 21 | 2800 | 4.00 | 116.0 | 0.0 | 0.0 | 0.0 | 249.0 | 45.0 |
| 22 | 5000 | 9.00 | 192.0 | 0.0 | 0.0 | 0.0 | 581.0 | 60.0 |
| 23 | 5000 | 8.00 | 209.0 | 0.0 | 0.0 | 0.0 | 498.0 | 80.0 |
| 24 | 2100 | 3.00 | 109.0 | 0.0 | 0.0 | 0.0 | 199.2 | 30.0 |
| 25 | 2000 | 4.00 | 108.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |
| 26 | 5800 | 7.00 | 188.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60.0 |
| 27 | 750 | 1.50 | 37.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.0 |
| 28 | 5000 | 7.00 | 162.0 | 0.0 | 0.0 | 0.0 | 249.0 | 80.0 |
| 29 | 6480 | 9.00 | 183.0 | 0.0 | 0.0 | 0.0 | 498.0 | 30.0 |
| 30 | 6920 | 10.00 | 229.0 | 0.0 | 0.0 | 0.0 | 498.0 | 80.0 |
| 31 | 4550 | 7.00 | 145.0 | 0.0 | 0.0 | 0.0 | 249.0 | 50.0 |
| 32 | 3100 | 4.50 | 103.0 | 115.0 | 0.0 | 0.0 | 249.0 | 40.0 |
| 33 | 5600 | 10.00 | 224.0 | 0.0 | 0.0 | 0.0 | 747.0 | 60.0 |
| 34 | 3500 | 7.00 | 150.0 | 0.0 | 0.0 | 0.0 | 249.0 | 50.0 |
| 35 | 6000 | 10.00 | 223.0 | 0.0 | 0.0 | 0.0 | 996.0 | 60.0 |
| 36 | 7500 | 10.00 | 175.0 | 69.0 | 200.0 | 0.0 | 747.0 | 70.0 |
| 37 | 4500 | 6.00 | 130.0 | 46.0 | 0.0 | 0.0 | 996.0 | 50.0 |
| 38 | 6300 | 9.00 | 185.0 | 0.0 | 0.0 | 0.0 | 498.0 | 60.0 |
| 39 | 6000 | 10.00 | 210.0 | 23.0 | 0.0 | 320.0 | 249.0 | 60.0 |
| 40 | 3800 | 4.75 | 90.0 | 0.0 | 0.0 | 0.0 | 249.0 | 30.0 |

Table A.1. Continue

| ID | Q kg | LD rai | LB man-day | FERT1 kg | FERT2 kg | PEST baht | HERB baht | SEED kg |
|----|---------|-----------|---------------|-------------|-------------|--------------|--------------|------------|
| 41 | 5470 | 8.00 | 158.0 | 0.0 | 0.0 | 480.0 | 498.0 | 50.0 |
| 42 | 3500 | 5.00 | 119.0 | 0.0 | 0.0 | 0.0 | 249.0 | 20.0 |
| 43 | 1800 | 3.00 | 76.0 | 2.1 | 0.0 | 0.0 | 249.0 | 20.0 |
| 44 | 9750 | 15.00 | 334.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 45 | 7500 | 10.00 | 189.0 | 0.0 | 0.0 | 0.0 | 498.0 | 80.0 |
| 46 | 7000 | 10.00 | 232.0 | 0.0 | 0.0 | 250.0 | 498.0 | 80.0 |
| 47 | 2500 | 4.00 | 104.0 | 0.0 | 50.0 | 0.0 | 0.0 | 25.0 |
| 48 | 2500 | 4.00 | 81.0 | 0.0 | 0.0 | 0.0 | 664.0 | 40.0 |
| 49 | 600 | 1.50 | 44.0 | 0.0 | 0.0 | 0.0 | 348.6 | 10.0 |
| 50 | 3150 | 7.00 | 146.0 | 0.0 | 0.0 | 0.0 | 332.0 | 40.0 |
| 51 | 4000 | 6.00 | 189.0 | 0.0 | 0.0 | 0.0 | 249.0 | 80.0 |
| 52 | 4000 | 5.00 | 185.0 | 0.0 | 0.0 | 0.0 | 498.0 | 80.0 |
| 53 | 4050 | 6.00 | 130.0 | 0.0 | 150.0 | 396.0 | 280.0 | 80.0 |
| 54 | 3400 | 5.00 | 112.0 | 0.0 | 125.0 | 330.0 | 150.0 | 50.0 |
| 55 | 6890 | 10.00 | 182.0 | 0.0 | 250.0 | 660.0 | 480.0 | 100.0 |
| 56 | 10275 | 15.00 | 205.0 | 0.0 | 375.0 | 990.0 | 720.0 | 150.0 |
| 57 | 4148 | 6.00 | 122.0 | 0.0 | 150.0 | 396.0 | 280.0 | 60.0 |
| 58 | 4110 | 6.00 | 134.0 | 0.0 | 150.0 | 0.0 | 280.0 | 60.0 |
| 59 | 3060 | 4.50 | 109.0 | 0.0 | 112.5 | 0.0 | 216.0 | 45.0 |
| 60 | 3960 | 6.00 | 180.0 | 0.0 | 150.0 | 396.0 | 280.0 | 60.0 |
| 61 | 5120 | 8.00 | 158.0 | 0.0 | 200.0 | 0.0 | 384.0 | 80.0 |
| 62 | 9520 | 14.00 | 304.0 | 0.0 | 350.0 | 924.0 | 672.0 | 140.0 |
| 63 | 2040 | 3.00 | 74.0 | 0.0 | 75.0 | 558.0 | 180.0 | 30.0 |
| 64 | 2680 | 4.00 | 111.0 | 0.0 | 100.0 | 480.0 | 185.0 | 40.0 |
| 65 | 2600 | 4.00 | 90.0 | 0.0 | 100.0 | 0.0 | 185.0 | 40.0 |
| 66 | 4830 | 7.00 | 173.0 | 0.0 | 175.0 | 482.0 | 338.0 | 70.0 |
| 67 | 2740 | 4.00 | 73.0 | 0.0 | 100.0 | 480.0 | 185.0 | 40.0 |
| 68 | 2700 | 4.00 | 75.0 | 0.0 | 100.0 | 264.0 | 120.0 | 40.0 |
| 69 | 2700 | 4.00 | 72.0 | 9.6 | 140.0 | 264.0 | 185.0 | 40.0 |
| 70 | 2720 | 4.00 | 76.0 | 0.0 | 100.0 | 264.0 | 185.0 | 40.0 |
| 71 | 3400 | 5.00 | 96.0 | 0.0 | 125.0 | 330.0 | 150.0 | 50.0 |
| 72 | 2010 | 3.00 | 74.0 | 7.2 | 105.0 | 120.0 | 140.0 | 30.0 |
| 73 | 2055 | 2.00 | 72.0 | 7.2 | 105.0 | 318.0 | 140.0 | 30.0 |
| 74 | 2055 | 2.00 | 67.0 | 7.2 | 105.0 | 360.0 | 140.0 | 30.0 |
| 75 | 2070 | 3.00 | 64.0 | 0.0 | 80.0 | 558.0 | 140.0 | 30.0 |
| 76 | 2680 | 4.00 | 126.0 | 0.0 | 100.0 | 508.0 | 185.0 | 40.0 |
| 77 | 3450 | 5.00 | 133.0 | 0.0 | 125.0 | 630.0 | 300.0 | 50.0 |
| 78 | 4080 | 6.00 | 159.0 | 9.6 | 190.0 | 756.0 | 360.0 | 80.0 |
| 79 | 1360 | 2.00 | 70.0 | 0.0 | 50.0 | 120.0 | 120.0 | 20.0 |
| 80 | 2680 | 4.00 | 125.0 | 9.6 | 140.0 | 289.0 | 185.0 | 40.0 |

Table A.1. Continue

| ID | Q kg | LD rai | LB man-day | FERT1 kg | FERT2 kg | PEST baht | HERB baht | SEED kg |
|-----|---------|-----------|---------------|-------------|-------------|--------------|--------------|------------|
| 81 | 4550 | 7.00 | 131.0 | 0.0 | 175.0 | 462.0 | 336.0 | 70.0 |
| 82 | 35207 | 55.00 | 507.0 | 0.0 | 1375.0 | 3630.0 | 2639.9 | 550.0 |
| 83 | 8100 | 12.00 | 239.0 | 0.0 | 300.0 | 792.0 | 576.0 | 120.0 |
| 84 | 3360 | 5.00 | 109.0 | 0.0 | 125.0 | 330.0 | 230.0 | 50.0 |
| 85 | 5440 | 8.00 | 164.0 | 0.0 | 210.0 | 528.0 | 370.0 | 80.0 |
| 86 | 4823 | 7.00 | 174.0 | 0.0 | 175.0 | 462.0 | 324.0 | 70.0 |
| 87 | 4170 | 6.00 | 131.0 | 0.0 | 150.0 | 0.0 | 280.0 | 60.0 |
| 88 | 2780 | 4.00 | 122.0 | 0.0 | 100.0 | 504.0 | 240.0 | 40.0 |
| 89 | 2040 | 3.00 | 101.0 | 0.0 | 75.0 | 393.0 | 180.0 | 30.0 |
| 90 | 4795 | 5.00 | 123.0 | 0.0 | 125.0 | 630.0 | 300.0 | 50.0 |
| 91 | 4110 | 6.00 | 159.0 | 0.0 | 150.0 | 1176.0 | 380.0 | 60.0 |
| 92 | 2070 | 3.00 | 94.0 | 0.0 | 75.0 | 393.0 | 180.0 | 30.0 |
| 93 | 4050 | 6.00 | 177.0 | 0.0 | 150.0 | 756.0 | 360.0 | 60.0 |
| 94 | 2700 | 4.00 | 121.0 | 0.0 | 100.0 | 784.0 | 240.0 | 40.0 |
| 95 | 2760 | 4.00 | 112.0 | 0.0 | 100.0 | 504.0 | 240.0 | 40.0 |
| 96 | 3375 | 5.00 | 153.0 | 0.0 | 125.0 | 600.0 | 300.0 | 50.0 |
| 97 | 3475 | 5.00 | 143.0 | 0.0 | 125.0 | 740.0 | 140.0 | 50.0 |
| 98 | 3400 | 5.00 | 141.0 | 0.0 | 125.0 | 740.0 | 300.0 | 50.0 |
| 99 | 3000 | 4.00 | 75.0 | 0.0 | 200.0 | 260.0 | 388.0 | 20.0 |
| 100 | 2400 | 3.00 | 82.0 | 13.8 | 90.0 | 345.0 | 276.0 | 20.0 |
| 101 | 3000 | 4.00 | 70.0 | 18.0 | 100.0 | 352.0 | 388.0 | 30.0 |
| 102 | 2760 | 4.00 | 86.0 | 0.0 | 100.0 | 260.0 | 365.0 | 20.0 |
| 103 | 2800 | 4.00 | 88.0 | 18.4 | 200.0 | 368.0 | 365.0 | 30.0 |
| 104 | 2340 | 3.00 | 81.0 | 0.0 | 90.0 | 345.0 | 276.0 | 15.0 |
| 105 | 3700 | 5.00 | 135.0 | 23.0 | 125.0 | 158.0 | 480.0 | 30.0 |
| 106 | 1500 | 2.00 | 51.0 | 18.4 | 40.0 | 120.0 | 184.0 | 10.0 |
| 107 | 3500 | 5.00 | 134.0 | 0.0 | 150.0 | 440.0 | 460.0 | 30.0 |
| 108 | 2760 | 4.00 | 111.0 | 0.0 | 100.0 | 504.0 | 240.0 | 40.0 |
| 109 | 2720 | 4.00 | 111.0 | 0.0 | 100.0 | 504.0 | 240.0 | 40.0 |
| 110 | 2010 | 3.00 | 88.0 | 0.0 | 75.0 | 180.0 | 140.0 | 30.0 |
| 111 | 2040 | 3.00 | 83.0 | 0.0 | 75.0 | 378.0 | 140.0 | 30.0 |
| 112 | 2070 | 3.00 | 86.0 | 0.0 | 75.0 | 378.0 | 140.0 | 30.0 |
| 113 | 1380 | 2.00 | 56.0 | 0.0 | 50.0 | 252.0 | 140.0 | 20.0 |
| 114 | 2760 | 4.00 | 111.0 | 0.0 | 100.0 | 504.0 | 185.0 | 40.0 |
| 115 | 2040 | 3.00 | 77.0 | 0.0 | 75.0 | 378.0 | 180.0 | 30.0 |
| 116 | 2010 | 3.00 | 84.0 | 0.0 | 75.0 | 378.0 | 180.0 | 30.0 |
| 117 | 1360 | 2.00 | 64.0 | 0.0 | 50.0 | 252.0 | 120.0 | 20.0 |
| 118 | 1340 | 2.00 | 50.0 | 0.0 | 50.0 | 132.0 | 220.0 | 20.0 |
| 119 | 2010 | 3.00 | 70.0 | 0.0 | 75.0 | 378.0 | 180.0 | 30.0 |
| 120 | 2700 | 4.00 | 98.0 | 0.0 | 100.0 | 264.0 | 240.0 | 40.0 |

Table A.1. Continue

| ID | Q kg | LD rai | LB man-day | FERT1 kg | FERT2 kg | PEST baht | HERB baht | SEED kg |
|-----|---------|-----------|---------------|-------------|-------------|--------------|--------------|------------|
| 121 | 2800 | 4.00 | 101.0 | 0.0 | 100.0 | 0.0 | 278.0 | 40.0 |
| 122 | 4200 | 6.00 | 144.0 | 0.0 | 180.0 | 552.0 | 0.0 | 30.0 |
| 123 | 2250 | 3.00 | 81.0 | 13.8 | 90.0 | 278.0 | 284.0 | 15.0 |
| 124 | 3375 | 5.00 | 158.0 | 0.0 | 125.0 | 780.0 | 300.0 | 50.0 |
| 125 | 3350 | 5.00 | 85.0 | 0.0 | 125.0 | 330.0 | 235.0 | 50.0 |
| 126 | 3930 | 6.00 | 104.0 | 0.0 | 90.0 | 720.0 | 300.0 | 60.0 |
| 127 | 5200 | 8.00 | 139.0 | 18.4 | 200.0 | 200.0 | 432.0 | 50.0 |
| 128 | 10800 | 16.00 | 210.0 | 0.0 | 400.0 | 4048.1 | 1152.1 | 160.0 |
| 129 | 5376 | 8.00 | 173.0 | 0.0 | 200.0 | 470.0 | 720.0 | 80.0 |
| 130 | 3000 | 4.00 | 87.0 | 0.0 | 120.0 | 320.0 | 288.0 | 20.0 |
| 131 | 4320 | 8.00 | 114.0 | 16.6 | 120.0 | 0.0 | 432.0 | 45.0 |
| 132 | 4625 | 7.00 | 158.0 | 0.0 | 140.0 | 840.0 | 665.0 | 72.0 |
| 133 | 4600 | 7.00 | 121.0 | 0.0 | 140.0 | 880.0 | 420.0 | 70.0 |
| 134 | 6500 | 10.00 | 184.0 | 0.0 | 0.0 | 550.0 | 850.0 | 150.0 |
| 135 | 7300 | 10.00 | 182.0 | 0.0 | 100.0 | 1000.0 | 720.0 | 50.0 |
| 136 | 4820 | 6.00 | 84.0 | 13.8 | 80.0 | 450.0 | 432.0 | 50.0 |
| 137 | 3250 | 5.00 | 90.0 | 0.0 | 42.0 | 300.0 | 500.0 | 35.0 |
| 138 | 3960 | 6.00 | 108.0 | 0.0 | 67.0 | 300.0 | 360.0 | 60.0 |
| 139 | 2680 | 4.00 | 75.0 | 0.0 | 60.0 | 440.0 | 240.0 | 40.0 |
| 140 | 2680 | 4.00 | 76.0 | 0.0 | 67.0 | 740.0 | 380.0 | 40.0 |
| 141 | 2435 | 3.50 | 68.0 | 0.0 | 0.0 | 280.0 | 175.0 | 35.0 |
| 142 | 2680 | 4.00 | 76.0 | 0.0 | 0.0 | 570.0 | 370.0 | 40.0 |
| 143 | 3300 | 5.00 | 73.0 | 0.0 | 0.0 | 1250.0 | 250.0 | 50.0 |
| 144 | 4310 | 6.50 | 157.0 | 0.0 | 100.0 | 715.0 | 715.0 | 70.0 |
| 145 | 3350 | 5.00 | 102.0 | 0.0 | 100.0 | 575.0 | 360.0 | 50.0 |
| 146 | 5400 | 6.00 | 157.0 | 0.0 | 200.0 | 860.0 | 720.0 | 80.0 |
| 147 | 6120 | 8.00 | 160.0 | 0.0 | 135.0 | 875.0 | 405.0 | 45.0 |
| 148 | 6700 | 10.00 | 215.0 | 0.0 | 250.0 | 880.0 | 720.0 | 100.0 |
| 149 | 3950 | 5.00 | 100.0 | 0.0 | 100.0 | 231.0 | 360.0 | 30.0 |
| 150 | 4760 | 7.00 | 132.0 | 0.0 | 140.0 | 0.0 | 420.0 | 40.0 |
| 151 | 4000 | 6.00 | 102.0 | 0.0 | 180.0 | 0.0 | 324.0 | 40.0 |
| 152 | 6000 | 9.00 | 118.0 | 0.0 | 225.0 | 675.0 | 540.0 | 45.0 |
| 153 | 2700 | 4.00 | 72.0 | 0.0 | 0.0 | 680.0 | 200.0 | 40.0 |
| 154 | 3960 | 6.00 | 92.0 | 0.0 | 120.0 | 396.0 | 300.0 | 60.0 |
| 155 | 3375 | 5.00 | 98.0 | 0.0 | 100.0 | 440.0 | 225.0 | 50.0 |
| 156 | 3400 | 5.00 | 100.0 | 0.0 | 100.0 | 330.0 | 360.0 | 50.0 |
| 157 | 3400 | 5.00 | 125.0 | 0.0 | 125.0 | 850.0 | 270.0 | 50.0 |
| 158 | 3425 | 5.00 | 112.0 | 0.0 | 62.5 | 330.0 | 250.0 | 50.0 |
| 159 | 1986 | 3.00 | 74.0 | 0.0 | 75.0 | 0.0 | 270.0 | 30.0 |
| 160 | 2010 | 3.00 | 58.0 | 0.0 | 75.0 | 0.0 | 270.0 | 30.0 |

Table A.1. Continue

| ID | Q kg | LD rai | LB man-day | FERT1 kg | FERT2 kg | PEST baht | HERB baht | SEED kg |
|-----|---------|-----------|---------------|-------------|-------------|--------------|--------------|------------|
| 161 | 1280 | 2.00 | 68.0 | 0.0 | 40.0 | 0.0 | 180.0 | 20.0 |
| 162 | 1950 | 3.00 | 70.0 | 0.0 | 60.0 | 225.0 | 480.0 | 30.0 |
| 163 | 6120 | 9.00 | 158.0 | 0.0 | 225.0 | 1125.0 | 810.0 | 90.0 |
| 164 | 1348 | 2.00 | 60.0 | 0.0 | 50.0 | 0.0 | 180.0 | 20.0 |
| 165 | 4690 | 7.00 | 140.0 | 0.0 | 175.0 | 660.0 | 630.0 | 70.0 |
| 166 | 1240 | 2.00 | 56.0 | 0.0 | 50.0 | 252.0 | 180.0 | 20.0 |
| 167 | 2040 | 3.00 | 78.0 | 0.0 | 75.0 | 0.0 | 270.0 | 30.0 |
| 168 | 3600 | 6.00 | 106.0 | 0.0 | 120.0 | 475.0 | 540.0 | 60.0 |
| 169 | 1890 | 3.00 | 66.0 | 0.0 | 75.0 | 0.0 | 270.0 | 30.0 |
| 170 | 1360 | 2.00 | 54.0 | 0.0 | 50.0 | 0.0 | 180.0 | 20.0 |
| 171 | 1890 | 3.00 | 62.0 | 0.0 | 60.0 | 375.0 | 270.0 | 30.0 |
| 172 | 2160 | 3.00 | 68.0 | 0.0 | 22.5 | 300.0 | 180.0 | 20.0 |
| 173 | 1500 | 2.00 | 31.0 | 4.6 | 40.0 | 200.0 | 144.0 | 10.0 |
| 174 | 2340 | 3.00 | 44.0 | 6.8 | 60.0 | 300.0 | 240.0 | 15.0 |
| 175 | 1500 | 2.00 | 22.0 | 0.0 | 20.0 | 0.0 | 120.0 | 10.0 |
| 176 | 3900 | 6.00 | 122.0 | 13.8 | 60.0 | 600.0 | 360.0 | 30.0 |
| 177 | 6450 | 13.00 | 230.0 | 0.0 | 325.0 | 1625.1 | 1170.0 | 130.0 |
| 178 | 4760 | 7.00 | 122.0 | 0.0 | 140.0 | 660.0 | 504.0 | 70.0 |
| 179 | 4320 | 6.00 | 134.0 | 0.2 | 115.0 | 600.0 | 380.0 | 30.0 |
| 180 | 4840 | 7.00 | 196.0 | 0.0 | 175.0 | 875.0 | 630.0 | 70.0 |
| 181 | 2680 | 4.00 | 80.0 | 0.0 | 100.0 | 264.0 | 288.0 | 40.0 |
| 182 | 3400 | 5.00 | 98.0 | 0.0 | 100.0 | 330.0 | 360.0 | 50.0 |
| 183 | 6900 | 10.00 | 214.0 | 0.0 | 250.0 | 1250.0 | 900.0 | 100.0 |
| 184 | 1905 | 3.00 | 94.0 | 0.0 | 75.0 | 0.0 | 270.0 | 30.0 |
| 185 | 2736 | 4.00 | 93.0 | 0.0 | 100.0 | 0.0 | 0.0 | 40.0 |
| 186 | 1356 | 2.00 | 67.0 | 0.0 | 40.0 | 0.0 | 0.0 | 20.0 |
| 187 | 1370 | 2.00 | 65.0 | 8.0 | 0.0 | 0.0 | 180.0 | 20.0 |
| 188 | 4020 | 6.00 | 121.0 | 0.0 | 150.0 | 690.0 | 432.0 | 60.0 |
| 189 | 4795 | 7.00 | 217.0 | 0.0 | 175.0 | 875.0 | 630.0 | 70.0 |
| 190 | 5400 | 6.00 | 163.0 | 0.0 | 200.0 | 704.0 | 576.0 | 60.0 |
| 191 | 4100 | 6.00 | 126.0 | 0.0 | 150.0 | 750.0 | 540.0 | 60.0 |
| 192 | 8170 | 12.00 | 218.0 | 50.1 | 300.0 | 1620.0 | 1080.0 | 80.0 |
| 193 | 3000 | 4.00 | 74.0 | 0.0 | 60.0 | 300.0 | 180.0 | 20.0 |

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Table A.2. Aggregated Data of Soybean

| ID | Q | LD | LB | FERT1 | FERT2 | PEST | HERB | SEED |
|----|------|-------|-------|-------|-------|--------|--------|-------|
| 1 | 1075 | 5.00 | 99.0 | 5.0 | 0.0 | 800.0 | 800.0 | 50.0 |
| 2 | 1450 | 5.00 | 132.0 | 7.5 | 0.0 | 260.0 | 320.0 | 50.0 |
| 3 | 1400 | 5.00 | 99.0 | 2.0 | 0.0 | 1087.5 | 87.5 | 120.0 |
| 4 | 840 | 4.00 | 85.0 | 8.0 | 0.0 | 320.0 | 307.0 | 40.0 |
| 5 | 940 | 4.00 | 74.0 | 0.8 | 40.0 | 230.0 | 216.0 | 36.0 |
| 6 | 1120 | 4.00 | 33.0 | 2.0 | 0.0 | 690.0 | 205.0 | 32.0 |
| 7 | 1425 | 5.00 | 97.0 | 1.0 | 0.0 | 417.5 | 87.5 | 40.0 |
| 8 | 1075 | 5.00 | 116.0 | 5.0 | 0.0 | 650.0 | 800.0 | 50.0 |
| 9 | 880 | 4.00 | 75.0 | 2.0 | 0.0 | 720.0 | 640.0 | 40.0 |
| 10 | 840 | 4.00 | 111.0 | 4.0 | 0.0 | 640.0 | 640.0 | 40.0 |
| 11 | 2700 | 10.00 | 143.0 | 1.0 | 0.0 | 768.0 | 640.0 | 80.0 |
| 12 | 1680 | 6.00 | 117.0 | 3.0 | 0.0 | 345.0 | 182.0 | 50.0 |
| 13 | 1000 | 5.00 | 126.0 | 11.0 | 0.0 | 900.0 | 400.0 | 35.0 |
| 14 | 780 | 4.00 | 136.0 | 8.0 | 0.0 | 320.0 | 640.0 | 40.0 |
| 15 | 900 | 4.00 | 83.0 | 4.0 | 0.0 | 640.0 | 640.0 | 40.0 |
| 16 | 848 | 4.00 | 82.0 | 4.0 | 0.0 | 360.0 | 640.0 | 20.0 |
| 17 | 700 | 3.50 | 78.0 | 3.5 | 0.0 | 560.0 | 560.0 | 35.0 |
| 18 | 880 | 4.00 | 73.0 | 2.0 | 0.0 | 490.0 | 640.0 | 40.0 |
| 19 | 1025 | 5.00 | 89.0 | 0.0 | 0.0 | 900.0 | 800.0 | 50.0 |
| 20 | 840 | 4.00 | 120.0 | 0.0 | 0.0 | 480.0 | 640.0 | 40.0 |
| 21 | 1050 | 5.00 | 97.0 | 10.0 | 0.0 | 800.0 | 800.0 | 50.0 |
| 22 | 1680 | 8.00 | 161.0 | 16.0 | 0.0 | 1280.0 | 1280.0 | 80.0 |
| 23 | 2340 | 9.00 | 197.0 | 0.8 | 0.0 | 740.0 | 576.0 | 90.0 |
| 24 | 1575 | 7.00 | 154.0 | 14.0 | 0.0 | 1120.0 | 1120.0 | 100.0 |
| 25 | 1080 | 4.00 | 101.0 | 2.0 | 0.0 | 527.0 | 168.0 | 40.0 |
| 26 | 1080 | 4.00 | 83.5 | 0.2 | 0.0 | 375.0 | 140.0 | 40.0 |
| 27 | 1120 | 4.00 | 97.5 | 8.0 | 0.0 | 346.0 | 256.0 | 40.0 |
| 28 | 1180 | 4.00 | 65.0 | 0.0 | 0.0 | 485.0 | 256.0 | 40.0 |
| 29 | 880 | 4.00 | 66.0 | 8.0 | 0.0 | 500.0 | 640.0 | 40.0 |
| 30 | 820 | 4.00 | 66.0 | 8.0 | 0.0 | 640.0 | 640.0 | 40.0 |
| 31 | 1050 | 5.00 | 105.0 | 10.0 | 0.0 | 800.0 | 800.0 | 50.0 |
| 32 | 880 | 4.00 | 94.0 | 8.0 | 0.0 | 640.0 | 640.0 | 40.0 |
| 33 | 1125 | 5.00 | 106.0 | 10.0 | 0.0 | 687.0 | 800.0 | 50.0 |
| 34 | 1115 | 5.00 | 97.0 | 10.0 | 0.0 | 625.0 | 800.0 | 50.0 |
| 35 | 840 | 3.00 | 76.0 | 0.0 | 0.0 | 315.0 | 480.0 | 30.0 |
| 36 | 783 | 3.00 | 61.0 | 0.0 | 75.0 | 403.0 | 375.0 | 30.0 |
| 37 | 530 | 2.00 | 54.0 | 0.0 | 0.0 | 216.0 | 320.0 | 20.0 |
| 38 | 750 | 3.00 | 68.0 | 7.5 | 0.0 | 225.0 | 480.0 | 30.0 |
| 39 | 1760 | 8.00 | 149.0 | 0.0 | 350.0 | 966.0 | 1280.0 | 80.0 |
| 40 | 378 | 2.00 | 60.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |

Table A.2. Continue

| ID | Q | LD | LB | FERT1 | FERT2 | PEST | HERB | SEED |
|----|------|-------|-------|-------|-------|--------|--------|-------|
| 41 | 1575 | 7.00 | 140.0 | 14.0 | 0.0 | 1155.1 | 1120.0 | 70.0 |
| 42 | 430 | 2.00 | 45.0 | 0.0 | 0.0 | 243.0 | 320.0 | 20.0 |
| 43 | 480 | 2.00 | 48.0 | 1.4 | 0.0 | 270.0 | 320.0 | 20.0 |
| 44 | 1320 | 6.00 | 108.0 | 12.0 | 0.0 | 655.0 | 960.0 | 60.0 |
| 45 | 594 | 3.00 | 72.0 | 0.0 | 75.0 | 405.0 | 480.0 | 30.0 |
| 46 | 540 | 2.00 | 54.0 | 5.0 | 0.0 | 297.0 | 129.0 | 20.0 |
| 47 | 460 | 2.00 | 62.0 | 1.0 | 0.0 | 486.0 | 375.0 | 30.0 |
| 48 | 675 | 2.50 | 62.5 | 0.0 | 0.0 | 242.0 | 88.0 | 25.0 |
| 49 | 480 | 2.00 | 31.0 | 0.0 | 0.0 | 115.0 | 0.0 | 20.0 |
| 50 | 840 | 3.00 | 53.0 | 0.6 | 0.0 | 172.5 | 98.0 | 30.0 |
| 51 | 500 | 2.00 | 33.0 | 0.0 | 0.0 | 104.0 | 128.0 | 20.0 |
| 52 | 1560 | 6.00 | 153.0 | 6.0 | 0.0 | 345.0 | 192.0 | 60.0 |
| 53 | 2964 | 13.00 | 300.0 | 0.0 | 325.0 | 1950.0 | 2080.0 | 130.0 |
| 54 | 1575 | 7.00 | 125.0 | 14.0 | 0.0 | 1120.0 | 1120.0 | 70.0 |
| 55 | 1500 | 6.00 | 183.0 | 3.0 | 0.0 | 791.0 | 192.0 | 60.0 |
| 56 | 1505 | 7.00 | 182.0 | 14.0 | 0.0 | 882.0 | 1120.0 | 70.0 |
| 57 | 450 | 2.00 | 42.0 | 4.0 | 0.0 | 320.0 | 320.0 | 20.0 |
| 58 | 660 | 3.00 | 67.0 | 6.0 | 0.0 | 480.0 | 480.0 | 30.0 |
| 59 | 2100 | 10.00 | 228.0 | 5.0 | 250.0 | 1500.0 | 1600.1 | 100.0 |
| 60 | 480 | 2.00 | 64.0 | 0.0 | 0.0 | 324.0 | 0.0 | 20.0 |
| 61 | 645 | 3.00 | 77.0 | 1.5 | 0.0 | 405.0 | 0.0 | 30.0 |
| 62 | 242 | 1.00 | 35.0 | 2.0 | 0.0 | 0.0 | 160.0 | 10.0 |
| 63 | 550 | 2.00 | 53.0 | 1.0 | 50.0 | 0.0 | 320.0 | 20.0 |
| 64 | 1380 | 6.00 | 115.0 | 12.0 | 0.0 | 960.0 | 960.0 | 60.0 |
| 65 | 1960 | 7.00 | 167.0 | 0.0 | 0.0 | 1134.0 | 1120.0 | 70.0 |
| 66 | 2160 | 8.00 | 202.0 | 2.0 | 0.0 | 876.0 | 528.0 | 60.0 |
| 67 | 1840 | 8.00 | 162.0 | 0.0 | 160.0 | 1280.0 | 1280.0 | 80.0 |
| 68 | 1440 | 6.00 | 191.0 | 12.0 | 0.0 | 900.0 | 247.5 | 60.0 |
| 69 | 2292 | 12.00 | 241.0 | 24.0 | 0.0 | 1799.8 | 1820.0 | 120.0 |
| 70 | 1080 | 4.00 | 72.0 | 0.0 | 0.0 | 307.0 | 256.0 | 40.0 |

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Table A.3. Aggregated Data of Potato

| ID | Q | LD | LB | FERT1 | PEST | HERB | SEED |
|----|-------|------|-------|--------|--------|-------|--------|
| 1 | 4500 | 1.50 | 58.0 | 300.0 | 540.0 | 120.0 | 150.0 |
| 2 | 1700 | 1.00 | 36.0 | 100.0 | 800.0 | 0.0 | 50.0 |
| 3 | 1517 | 1.00 | 36.0 | 150.0 | 700.0 | 0.0 | 50.0 |
| 4 | 5520 | 2.00 | 75.0 | 500.0 | 440.0 | 120.0 | 200.0 |
| 5 | 4166 | 1.00 | 38.0 | 200.0 | 300.0 | 70.0 | 100.0 |
| 6 | 6000 | 2.00 | 76.0 | 400.0 | 1000.0 | 0.0 | 100.0 |
| 7 | 2000 | 0.50 | 27.0 | 100.0 | 180.0 | 200.0 | 50.0 |
| 8 | 6750 | 2.25 | 86.0 | 425.0 | 410.0 | 130.0 | 200.0 |
| 9 | 7000 | 2.00 | 83.0 | 400.0 | 280.0 | 320.0 | 200.0 |
| 10 | 3000 | 1.00 | 45.0 | 250.0 | 520.0 | 200.0 | 100.0 |
| 11 | 4000 | 1.00 | 40.0 | 200.0 | 300.0 | 250.0 | 100.0 |
| 12 | 10500 | 3.50 | 136.0 | 700.0 | 580.0 | 136.0 | 300.0 |
| 13 | 3000 | 1.00 | 44.0 | 200.0 | 390.0 | 220.0 | 100.0 |
| 14 | 6000 | 2.00 | 74.0 | 400.0 | 170.0 | 220.0 | 200.0 |
| 15 | 5000 | 1.25 | 37.0 | 225.0 | 290.0 | 0.0 | 100.0 |
| 16 | 5000 | 1.25 | 41.0 | 225.0 | 380.0 | 180.0 | 100.0 |
| 17 | 3000 | 1.50 | 57.0 | 300.0 | 650.0 | 480.0 | 100.0 |
| 18 | 18000 | 6.00 | 214.0 | 900.0 | 3268.9 | 600.0 | 300.0 |
| 19 | 4500 | 2.00 | 87.0 | 400.0 | 530.0 | 0.0 | 200.0 |
| 20 | 2000 | 2.00 | 71.0 | 200.0 | 1200.0 | 0.0 | 30.0 |
| 21 | 1700 | 0.50 | 19.0 | 100.0 | 347.5 | 0.0 | 50.0 |
| 22 | 6400 | 2.00 | 66.0 | 400.0 | 500.0 | 0.0 | 200.0 |
| 23 | 7400 | 2.00 | 75.0 | 300.0 | 590.0 | 0.0 | 80.0 |
| 24 | 2500 | 1.50 | 56.0 | 125.0 | 750.0 | 0.0 | 63.0 |
| 25 | 8000 | 2.50 | 85.0 | 375.0 | 1500.0 | 0.0 | 180.0 |
| 26 | 17001 | 9.00 | 311.0 | 250.0 | 2950.1 | 0.0 | 1010.0 |
| 27 | 5800 | 2.00 | 74.0 | 550.0 | 780.0 | 200.0 | 200.0 |
| 28 | 9300 | 2.00 | 71.0 | 400.0 | 760.0 | 140.0 | 80.0 |
| 29 | 6000 | 2.00 | 78.0 | 300.0 | 980.0 | 105.0 | 150.0 |
| 30 | 8500 | 2.00 | 71.0 | 400.0 | 1400.0 | 0.0 | 200.0 |
| 31 | 6000 | 1.50 | 58.0 | 250.0 | 980.0 | 300.0 | 100.0 |
| 32 | 7500 | 2.50 | 87.0 | 200.0 | 600.0 | 0.0 | 160.0 |
| 33 | 8000 | 2.75 | 97.0 | 400.0 | 550.0 | 0.0 | 200.0 |
| 34 | 10842 | 3.00 | 104.0 | 1000.0 | 1798.9 | 0.0 | 300.0 |
| 35 | 8700 | 3.00 | 120.0 | 900.0 | 1550.0 | 0.0 | 233.0 |
| 36 | 3700 | 2.00 | 78.0 | 250.0 | 1060.0 | 0.0 | 200.0 |

Table A.3. Continue

| ID | Q | LD | LB | FERT1 | PEST | HERB | SEED |
|----|-------|------|-------|-------|--------|-------|-------|
| 37 | 5000 | 2.50 | 85.0 | 200.0 | 500.0 | 0.0 | 100.0 |
| 38 | 8000 | 2.00 | 74.0 | 350.0 | 1810.0 | 0.0 | 200.0 |
| 39 | 4500 | 3.00 | 106.0 | 200.0 | 1100.0 | 500.0 | 150.0 |
| 40 | 8024 | 2.00 | 70.0 | 450.0 | 740.0 | 0.0 | 200.0 |
| 41 | 11001 | 2.00 | 69.0 | 600.0 | 2900.1 | 540.0 | 66.0 |
| 42 | 5450 | 2.75 | 99.0 | 800.0 | 1200.0 | 0.0 | 250.0 |
| 43 | 6200 | 4.00 | 136.0 | 300.0 | 1660.0 | 0.0 | 266.0 |
| 44 | 3000 | 2.00 | 77.0 | 300.0 | 510.0 | 250.0 | 200.0 |
| 45 | 7000 | 3.00 | 103.0 | 600.0 | 1600.1 | 120.0 | 200.0 |
| 46 | 5000 | 1.00 | 37.0 | 100.0 | 502.0 | 0.0 | 50.0 |
| 47 | 1750 | 1.25 | 52.0 | 200.0 | 650.0 | 250.0 | 50.0 |
| 48 | 7650 | 1.50 | 52.0 | 200.0 | 730.0 | 380.0 | 50.0 |
| 49 | 8000 | 1.50 | 59.0 | 350.0 | 982.5 | 220.0 | 150.0 |
| 50 | 4500 | 1.00 | 37.0 | 100.0 | 270.0 | 250.0 | 50.0 |
| 51 | 1500 | 0.50 | 18.0 | 100.0 | 432.0 | 0.0 | 50.0 |
| 52 | 4000 | 1.00 | 37.0 | 100.0 | 550.0 | 250.0 | 50.0 |
| 53 | 6000 | 1.50 | 53.0 | 250.0 | 667.5 | 250.0 | 100.0 |
| 54 | 14000 | 2.00 | 65.0 | 150.0 | 760.0 | 0.0 | 300.0 |
| 55 | 4000 | 2.00 | 17.0 | 200.0 | 190.0 | 30.0 | 50.0 |
| 56 | 3000 | 0.50 | 18.0 | 200.0 | 575.0 | 0.0 | 50.0 |
| 57 | 4500 | 1.50 | 62.0 | 500.0 | 845.0 | 97.5 | 150.0 |
| 58 | 3500 | 2.00 | 65.0 | 200.0 | 1230.0 | 0.0 | 50.0 |
| 59 | 14000 | 2.00 | 69.0 | 400.0 | 1060.0 | 0.0 | 200.0 |
| 60 | 1700 | 1.00 | 37.0 | 100.0 | 276.0 | 220.0 | 50.0 |

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Table A.4. Aggregated Data of Tomato

| ID | Q | LD | LB | FERT1 | FERT2 | FERT3 | PEST | HERB |
|----|-------|------|-------|-------|-------|-------|--------|-------|
| 1 | 12500 | 2.00 | 170.0 | 50.0 | 60.0 | 80.0 | 1227.8 | 220.0 |
| 2 | 15900 | 3.00 | 157.0 | 0.0 | 100.0 | 75.0 | 1089.0 | 330.0 |
| 3 | 15300 | 3.00 | 153.0 | 0.0 | 75.0 | 75.0 | 990.0 | 330.0 |
| 4 | 15000 | 3.00 | 158.0 | 0.0 | 75.0 | 75.0 | 885.0 | 84.0 |
| 5 | 26004 | 5.00 | 267.0 | 0.0 | 125.0 | 125.0 | 1925.0 | 550.0 |
| 6 | 15000 | 3.00 | 162.0 | 0.0 | 75.0 | 75.0 | 990.0 | 330.0 |
| 7 | 26004 | 5.00 | 291.0 | 0.0 | 175.0 | 125.0 | 1925.0 | 140.0 |
| 8 | 15900 | 3.00 | 174.0 | 0.0 | 75.0 | 75.0 | 885.0 | 330.0 |
| 9 | 15000 | 3.00 | 142.0 | 0.0 | 75.0 | 75.0 | 990.0 | 330.0 |
| 10 | 20800 | 4.00 | 212.0 | 0.0 | 100.0 | 100.0 | 1230.0 | 440.0 |
| 11 | 15600 | 3.00 | 188.0 | 0.0 | 75.0 | 75.0 | 990.0 | 330.0 |
| 12 | 20000 | 4.00 | 200.0 | 100.0 | 100.0 | 100.0 | 1320.0 | 440.0 |
| 13 | 12750 | 2.50 | 153.0 | 0.0 | 62.5 | 62.5 | 770.0 | 275.0 |
| 14 | 12500 | 2.50 | 164.0 | 0.0 | 62.5 | 62.5 | 770.0 | 275.0 |
| 15 | 15000 | 3.00 | 184.0 | 0.0 | 75.0 | 75.0 | 990.0 | 330.0 |
| 16 | 27502 | 5.00 | 272.0 | 0.0 | 175.0 | 125.0 | 1925.0 | 550.0 |
| 17 | 25489 | 5.00 | 279.0 | 0.0 | 125.0 | 125.0 | 1685.0 | 550.0 |
| 18 | 11100 | 2.00 | 144.0 | 0.0 | 100.0 | 50.0 | 1099.0 | 220.0 |
| 19 | 12900 | 2.00 | 146.0 | 50.0 | 50.0 | 60.0 | 928.0 | 220.0 |
| 20 | 10680 | 2.00 | 149.0 | 0.0 | 100.0 | 50.0 | 732.0 | 220.0 |
| 21 | 11100 | 2.00 | 143.0 | 0.0 | 100.0 | 50.0 | 732.0 | 220.0 |
| 22 | 10080 | 2.00 | 142.0 | 0.0 | 100.0 | 100.0 | 1063.1 | 220.0 |
| 23 | 11400 | 2.00 | 142.0 | 50.0 | 50.0 | 50.0 | 1106.0 | 220.0 |
| 24 | 11500 | 2.00 | 156.0 | 0.0 | 100.0 | 40.0 | 976.0 | 225.0 |
| 25 | 12600 | 2.00 | 178.0 | 0.0 | 100.0 | 80.0 | 1198.0 | 220.0 |
| 26 | 12401 | 2.00 | 147.0 | 100.0 | 100.0 | 50.0 | 1063.1 | 220.0 |
| 27 | 11001 | 2.00 | 130.0 | 100.0 | 100.0 | 50.0 | 1232.0 | 220.0 |
| 28 | 11900 | 2.00 | 149.0 | 40.0 | 60.0 | 50.0 | 1019.0 | 220.0 |
| 29 | 10700 | 2.00 | 164.0 | 100.0 | 0.0 | 50.0 | 1036.0 | 220.0 |
| 30 | 12350 | 2.00 | 146.0 | 0.0 | 50.0 | 40.0 | 867.0 | 220.0 |
| 31 | 10800 | 2.00 | 146.0 | 60.0 | 0.0 | 50.0 | 916.0 | 220.0 |
| 32 | 11100 | 2.00 | 163.0 | 60.0 | 0.0 | 50.0 | 1166.0 | 220.0 |
| 33 | 12301 | 2.00 | 162.0 | 40.0 | 40.0 | 40.0 | 1000.0 | 220.0 |
| 34 | 11100 | 2.00 | 172.0 | 50.0 | 50.0 | 50.0 | 932.0 | 220.0 |
| 35 | 5200 | 1.00 | 64.0 | 0.0 | 25.0 | 25.0 | 300.0 | 110.0 |
| 36 | 5300 | 1.00 | 64.0 | 0.0 | 25.0 | 25.0 | 273.0 | 110.0 |

Table A.4. Continue

| ID | Q | LD | LB | FERT1 | FERT2 | FERT3 | PEST | HERB |
|----|-------|------|-------|-------|-------|-------|--------|-------|
| 37 | 5200 | 1.00 | 69.0 | 0.0 | 25.0 | 25.0 | 240.0 | 110.0 |
| 38 | 4900 | 1.00 | 72.0 | 0.0 | 25.0 | 25.0 | 268.0 | 110.0 |
| 39 | 5100 | 1.00 | 61.0 | 0.0 | 25.0 | 25.0 | 278.0 | 110.0 |
| 40 | 5000 | 1.00 | 68.0 | 0.0 | 25.0 | 25.0 | 218.0 | 110.0 |
| 41 | 5400 | 1.00 | 67.0 | 0.0 | 25.0 | 25.0 | 278.0 | 110.0 |
| 42 | 5200 | 1.00 | 73.0 | 0.0 | 25.0 | 25.0 | 208.0 | 110.0 |
| 43 | 5000 | 1.00 | 62.0 | 0.0 | 25.0 | 25.0 | 218.0 | 110.0 |
| 44 | 5300 | 1.00 | 62.0 | 0.0 | 25.0 | 25.0 | 218.0 | 110.0 |
| 45 | 5000 | 1.00 | 71.0 | 25.0 | 0.0 | 25.0 | 308.0 | 110.0 |
| 46 | 5000 | 1.00 | 66.0 | 0.0 | 25.0 | 25.0 | 273.0 | 110.0 |
| 47 | 4700 | 1.00 | 59.0 | 0.0 | 25.0 | 25.0 | 213.0 | 110.0 |
| 48 | 5200 | 1.00 | 63.0 | 0.0 | 25.0 | 25.0 | 300.0 | 110.0 |
| 49 | 5300 | 1.00 | 65.0 | 25.0 | 0.0 | 25.0 | 286.0 | 110.0 |
| 50 | 4800 | 1.00 | 76.0 | 0.0 | 25.0 | 25.0 | 278.0 | 110.0 |
| 51 | 5400 | 1.00 | 63.0 | 0.0 | 25.0 | 25.0 | 273.0 | 110.0 |
| 52 | 5300 | 1.00 | 63.0 | 0.0 | 25.0 | 25.0 | 278.0 | 110.0 |
| 53 | 5200 | 1.00 | 58.0 | 0.0 | 25.0 | 25.0 | 308.0 | 110.0 |
| 54 | 10000 | 2.00 | 118.0 | 0.0 | 50.0 | 50.0 | 436.0 | 220.0 |
| 55 | 10400 | 2.00 | 120.0 | 0.0 | 50.0 | 50.0 | 480.0 | 220.0 |
| 56 | 5600 | 1.00 | 67.0 | 0.0 | 25.0 | 25.0 | 256.0 | 110.0 |
| 57 | 10000 | 2.00 | 105.0 | 0.0 | 50.0 | 50.0 | 700.0 | 220.0 |
| 58 | 10400 | 2.00 | 100.0 | 0.0 | 50.0 | 50.0 | 556.0 | 220.0 |
| 59 | 11100 | 2.00 | 156.0 | 0.0 | 100.0 | 50.0 | 1236.0 | 220.0 |
| 60 | 11100 | 2.00 | 144.0 | 50.0 | 50.0 | 50.0 | 1099.0 | 220.0 |
| 61 | 9150 | 2.00 | 152.0 | 0.0 | 50.0 | 60.0 | 846.0 | 176.0 |
| 62 | 10500 | 2.00 | 182.0 | 40.0 | 40.0 | 40.0 | 1118.0 | 96.0 |
| 63 | 11600 | 2.00 | 150.0 | 0.0 | 100.0 | 100.0 | 872.0 | 220.0 |
| 64 | 14100 | 3.00 | 154.0 | 0.0 | 105.0 | 75.0 | 900.0 | 330.0 |
| 65 | 15600 | 3.00 | 177.0 | 0.0 | 75.0 | 75.0 | 924.0 | 330.0 |
| 66 | 15000 | 3.00 | 138.0 | 0.0 | 75.0 | 75.0 | 915.0 | 140.0 |
| 67 | 20400 | 4.00 | 216.0 | 0.0 | 140.0 | 100.0 | 1320.0 | 440.0 |

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Table A.5. Aggregated Data of Garlic

| ID | Q | LD | LB | FERT1 | FERT1 | PEST | HERB |
|----|-------|------|-------|-------|-------|--------|-------|
| 1 | 6930 | 3.00 | 87.0 | 39.0 | 31.5 | 270.0 | 264.0 |
| 2 | 2500 | 1.00 | 64.0 | 30.0 | 15.0 | 90.0 | 110.0 |
| 3 | 6600 | 3.00 | 88.0 | 39.0 | 31.5 | 270.0 | 264.0 |
| 4 | 8720 | 4.00 | 120.0 | 52.0 | 42.0 | 840.0 | 352.0 |
| 5 | 6630 | 3.00 | 80.0 | 39.0 | 31.5 | 0.0 | 264.0 |
| 6 | 6390 | 3.00 | 108.0 | 39.0 | 31.5 | 0.0 | 264.0 |
| 7 | 8800 | 4.00 | 118.0 | 112.0 | 72.0 | 360.0 | 352.0 |
| 8 | 11699 | 5.00 | 166.0 | 65.0 | 52.5 | 1050.0 | 440.0 |
| 9 | 7500 | 3.00 | 90.0 | 84.0 | 54.0 | 270.0 | 264.0 |
| 10 | 7260 | 3.00 | 98.0 | 39.0 | 31.5 | 360.0 | 264.0 |
| 11 | 7200 | 3.00 | 96.0 | 39.0 | 31.5 | 270.0 | 264.0 |
| 12 | 9200 | 4.00 | 136.0 | 112.0 | 72.0 | 600.0 | 440.0 |
| 13 | 5460 | 2.00 | 111.0 | 60.0 | 30.0 | 420.0 | 220.0 |
| 14 | 5440 | 2.00 | 116.0 | 60.0 | 30.0 | 360.0 | 220.0 |
| 15 | 5440 | 2.00 | 113.0 | 56.0 | 36.0 | 212.0 | 220.0 |
| 16 | 5360 | 2.00 | 115.0 | 60.0 | 30.0 | 332.0 | 220.0 |
| 17 | 5400 | 2.00 | 107.0 | 60.0 | 30.0 | 420.0 | 220.0 |
| 18 | 4080 | 1.50 | 99.0 | 45.0 | 22.5 | 315.0 | 165.0 |
| 19 | 5340 | 2.00 | 116.0 | 60.0 | 30.0 | 300.0 | 220.0 |
| 20 | 6660 | 3.00 | 96.0 | 39.0 | 31.5 | 180.0 | 264.0 |
| 21 | 8050 | 3.50 | 116.0 | 98.0 | 63.0 | 420.0 | 308.0 |
| 22 | 6630 | 3.00 | 87.0 | 39.0 | 31.5 | 270.0 | 264.0 |
| 23 | 2630 | 1.00 | 61.0 | 28.0 | 18.0 | 191.0 | 61.0 |
| 24 | 2570 | 1.00 | 59.0 | 28.0 | 18.0 | 160.0 | 110.0 |
| 25 | 5400 | 2.00 | 56.0 | 112.0 | 72.0 | 212.0 | 220.0 |
| 26 | 2600 | 1.00 | 57.0 | 26.0 | 21.0 | 210.0 | 110.0 |
| 27 | 5360 | 2.00 | 110.0 | 60.0 | 30.0 | 400.0 | 220.0 |
| 28 | 5160 | 2.00 | 116.0 | 60.0 | 30.0 | 420.0 | 220.0 |
| 29 | 5300 | 2.00 | 108.0 | 112.0 | 72.0 | 420.0 | 220.0 |
| 30 | 5400 | 2.00 | 131.0 | 112.0 | 72.0 | 420.0 | 220.0 |
| 31 | 5300 | 2.00 | 124.0 | 60.0 | 30.0 | 270.0 | 220.0 |
| 32 | 5260 | 2.00 | 111.0 | 112.0 | 72.0 | 420.0 | 220.0 |
| 33 | 2700 | 1.00 | 58.0 | 56.0 | 36.0 | 210.0 | 110.0 |
| 34 | 2600 | 1.00 | 61.0 | 30.0 | 15.0 | 160.0 | 110.0 |
| 35 | 2700 | 1.00 | 64.0 | 30.0 | 15.0 | 150.0 | 110.0 |
| 36 | 2680 | 1.00 | 63.0 | 30.0 | 15.0 | 210.0 | 110.0 |

Table A.5. Continue

| ID | Q | LD | LB | FERT1 | FERT2 | PEST | HERB |
|----|-------|------|-------|-------|-------|-------|-------|
| 37 | 2750 | 1.00 | 61.0 | 30.0 | 15.0 | 210.0 | 110.0 |
| 38 | 2600 | 1.00 | 64.0 | 30.0 | 15.0 | 150.0 | 110.0 |
| 39 | 2600 | 1.00 | 62.0 | 30.0 | 15.0 | 110.0 | 110.0 |
| 40 | 2720 | 1.00 | 61.0 | 28.0 | 18.0 | 210.0 | 110.0 |
| 41 | 2570 | 1.00 | 61.0 | 30.0 | 15.0 | 210.0 | 110.0 |
| 42 | 2600 | 1.00 | 63.0 | 28.0 | 18.0 | 210.0 | 110.0 |
| 43 | 2650 | 1.00 | 55.0 | 30.0 | 15.0 | 166.0 | 110.0 |
| 44 | 2600 | 1.00 | 61.0 | 30.0 | 15.0 | 160.0 | 110.0 |
| 45 | 2700 | 1.00 | 61.0 | 30.0 | 15.0 | 150.0 | 110.0 |
| 46 | 2500 | 1.00 | 55.0 | 26.0 | 21.0 | 90.0 | 110.0 |
| 47 | 5460 | 2.00 | 107.0 | 60.0 | 30.0 | 540.0 | 220.0 |
| 48 | 5360 | 2.00 | 106.0 | 60.0 | 30.0 | 332.0 | 220.0 |
| 49 | 5400 | 2.00 | 105.0 | 60.0 | 30.0 | 300.0 | 220.0 |
| 50 | 5360 | 2.00 | 111.0 | 60.0 | 30.0 | 300.0 | 220.0 |
| 51 | 5400 | 2.00 | 113.0 | 60.0 | 30.0 | 300.0 | 220.0 |
| 52 | 5440 | 2.00 | 109.0 | 60.0 | 30.0 | 420.0 | 220.0 |
| 53 | 6600 | 3.00 | 100.0 | 39.0 | 31.5 | 360.0 | 264.0 |
| 54 | 7500 | 3.00 | 72.0 | 39.0 | 31.5 | 318.0 | 264.0 |
| 55 | 11001 | 5.00 | 141.0 | 65.0 | 52.5 | 530.0 | 440.0 |
| 56 | 2700 | 1.00 | 64.0 | 28.0 | 18.0 | 210.0 | 110.0 |
| 57 | 2600 | 1.00 | 58.0 | 28.0 | 18.0 | 150.0 | 110.0 |
| 58 | 6600 | 3.00 | 107.0 | 39.0 | 31.5 | 450.0 | 128.0 |
| 59 | 6870 | 3.00 | 145.0 | 84.0 | 54.0 | 270.0 | 264.0 |
| 60 | 6540 | 3.00 | 128.0 | 39.0 | 31.5 | 0.0 | 264.0 |

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