

Introduction to the Use of Relative Values (RV) for Land Use Planning of Landscapes of Kendall County, Illinois Using Land Evaluation (LE) part of Land Evaluation and Site Assessment (LESA) - General Soil Map, and the Detailed Soil Survey

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**Introduction to the Use of Relative Values (RV)
for Land Use Planning of Landscapes of
Kendall County, Illinois Using the Land Evaluation (LE) part of Land Evaluation and Site
Assessment (LESA) - General Soil Map, and the Detailed Soil Survey**

Figure 1 shows the town of Yorkville in Kendall County, Illinois. Tables 1 through 4d and figure 2 demonstrates how the LE part of LESA can be used for county or regional planning. Table 1 assigns the inherent relative values of the soil associations shown on the General Soil Map. Tables 5 and 6 address interpretations for some urban uses. Based on information on the following pages, would a planner consider Groups/soil associations 2 and 4 and possibly 3 for urban uses rather than the other Groups/soil associations? One thing to consider, most of the soils in these three groups will have dry basements and crawl spaces. More information on urban interpretations is available at following Web site.

<http://soildatamart.nrcs.usda.gov/>

Tables 7a through 15 show how the LE part of LESA can be used as one of the tools for comparing two or more sites shown in the Soil Survey of Kendall County, Illinois, to assist land use decision makers in making decisions on future urban growth.

Tables 7a-7d and 10 and 11a-11d and 15 look similar, but the results are markedly different. Tables 11a-11d and 15 uses the economic submodel which results in a different array of the soils compared to tables 7a-7d and 10 that did not use the economic submodel. Had the economic submodel been used for tables 1, 2, and 3 then there would have been a similar situation as happened in tables 7a-7d and 10 and 11a-11d and 15.

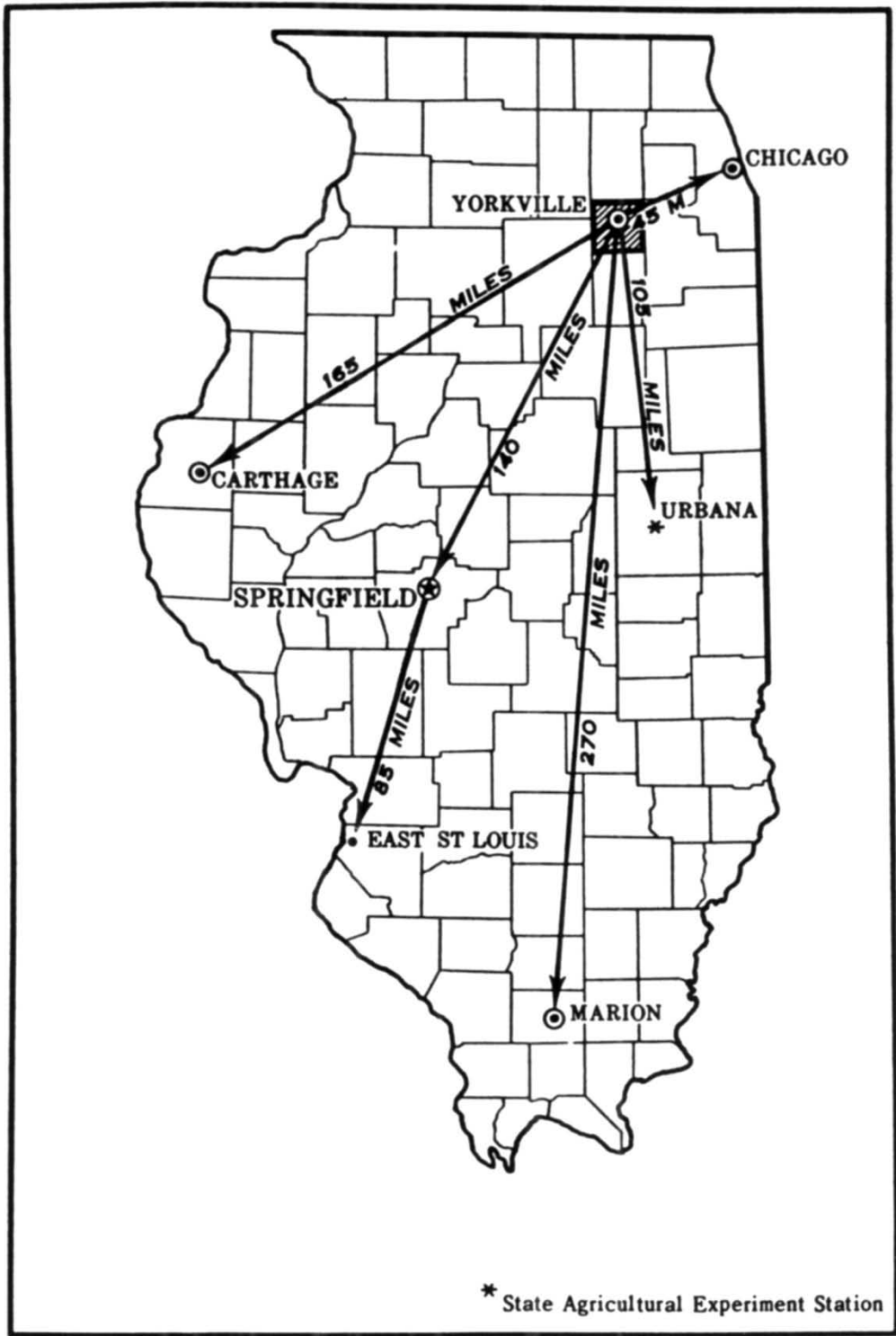


Figure 1. The town of Yorkville in Kendall County, Illinois.

Relative Values (RV) for Land Use Planning of Landscapes of Kendall County, Illinois Using the Land Evaluation (LE) part of the Land Evaluation and Site Assessment (LESA)

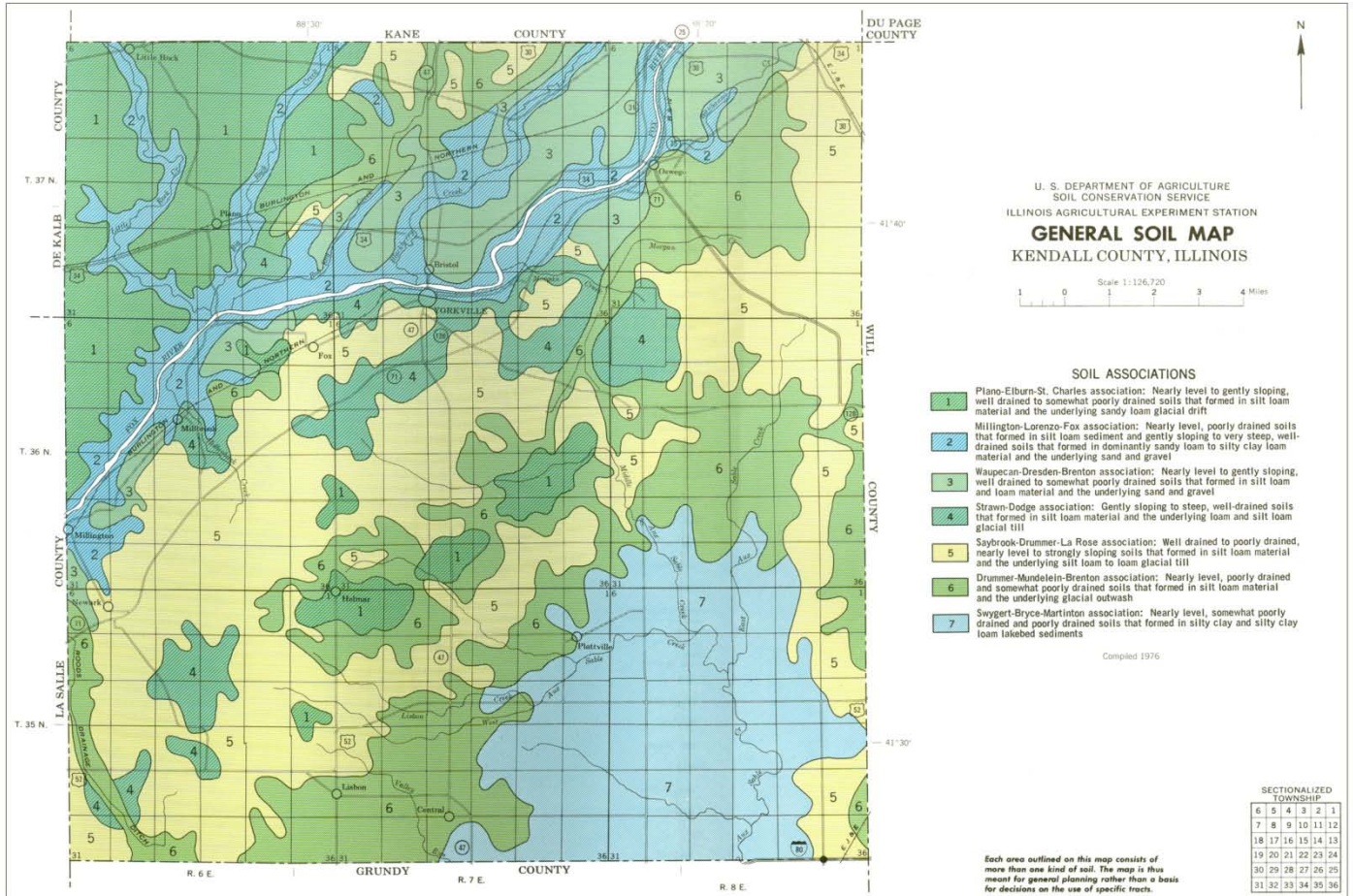


Figure 2. General Soil Map of Kendall County, Illinois.

Table 1. Relative Values (RV) for the Soil Associations (groups) shown on the General Soil Map of Kendall County, Illinois.

| Ag. Group | Relative Value | Soil Association |
|-----------|----------------|-----------------------|
| 1 | 99 | 1 |
| 2 | 63 | 2 |
| 3 | 92 | 3 |
| 4 | 73 | 4 |
| 5 | 92 | 5 |
| 6 | 100 | 6 |
| 7 | 84 | 7 |
| 8 | 0 | none shown on the map |

Table 2. Relative Values – Kendall County, Illinois General Soil Map (Without Conservation Adjustment) – LESA Worksheet #2

| Ag. group | lcc | important farmland | corn potential or productivity | % | cum'ltv % | acres | cum'ltv acres | relative value |
|-----------|------|--------------------|--------------------------------|------|-----------|--------|---------------|----------------|
| 1 | 1 | prime | 100-100 | 4.2 | | | | |
| | 1 | prime | 85- 85 | 0.8 | | | | |
| | 1 | prime | 98- 98 | 5.6 | | | | |
| | 2e | prime | 97- 97 | 1.0 | | | | |
| | 2e | prime | 93- 93 | 0.1 | | | | |
| | 2e | state | 80- 80 | 0.1 | | | | |
| | 2e | prime | 84- 84 | 0.6 | 12.5 | 20,120 | 20,120 | 99 |
| 2 | 2w | prime | 78- 78 | 1.2 | | | | |
| | 3s | state | 71- 71 | 0.3 | | | | |
| | 4e | state | 61- 61 | 0.3 | | | | |
| | 2e | prime | 71- 75 | 1.3 | | | | |
| | 7e | other | - | 0.6 | 16.2 | 6,000 | 26,120 | 63 |
| 3 | 1 | prime | 96- 96 | 3.9 | | | | |
| | 2e | prime | 94- 94 | 0.2 | | | | |
| | 1 | prime | 99- 99 | 0.8 | | | | |
| | 2e | prime | 79- 79 | 1.8 | | | | |
| | 2s | prime | 80- 80 | 1.0 | 24.0 | 12,450 | 38,570 | 92 |
| 4 | 1-2e | prime | 84- 84 | 1.8 | | | | |
| | 2e | state | 67- 70 | 1.4 | | | | |
| | 2e | state | 79- 79 | 0.3 | | | | |
| | 3e | state | 62- 64 | 0.9 | | | | |
| | 4e | other | 60- 60 | 0.5 | | | | |
| | 6e | other | - | 0.1 | 29.0 | 8,160 | 46,730 | 73 |
| | | | | | | | | |
| 5 | 1 | prime | 91- 91 | 2.0 | | | | |
| | 2e | prime | 75- 76 | 3.9 | | | | |
| | 2e | prime | 85- 85 | 2.7 | | | | |
| | 2e | prime | 87- 87 | 1.7 | | | | |
| | 2e | prime | 90- 90 | 12.4 | | | | |
| | 2w | prime | 98- 98 | 13.0 | | | | |
| | 3e | state | 70- 70 | 1.1 | | | | |
| | 4e | state | 67- 67 | 1.0 | 66.8 | 60,794 | 107,524 | 92 |
| 6 | 1 | prime | 95- 95 | 4.7 | | | | |
| | 1 | prime | 99- 99 | 3.6 | | | | |
| | 2w | prime | 98- 98 | 9.7 | 84.9 | 29,111 | 136,635 | 100 |

| | | | | | | | | |
|---|----|-------|--------|------|-------|--------|---------|----|
| 7 | 2e | prime | 80- 80 | 0.8 | | | | |
| | 2w | prime | 80- 88 | 12.5 | | | | |
| | 3e | prime | 74- 74 | 0.2 | | | | |
| | 2e | prime | 87- 87 | 0.5 | 98.8 | 22,400 | 159,035 | 84 |
| 8 | 8 | other | - | 1.2 | 100.0 | 1,980 | 161,015 | 0 |

FPPA acres: 144,875 (97.6% of county)
Farmable acres: 144,875 (98.0% of county)
Grouped acres: 161,015
Total acres: 161,015

**Table 3. Groups – Kendall County, Illinois General Soil Map
(Without Conservation Adjustment)**

Group Number 1

| map | | corn | | nir prd I | | acres | | yield x adj | | adjust |
|-------|---------------|-------|-----------|-----------|------|-----------|-----|-------------|-----|---------|
| syml | lc soil name | slope | yld ind F | number | pct | acres | pct | acres | yld | product |
| 198 | 1 elburn sil | 0- 2 | 178 100 1 | 6,820 | 4.2 | 1,213,960 | 178 | 1,213,960 | | |
| 243A | 1 st. charle | 0- 2 | 151 85 1 | 1,340 | 0.8 | 202,340 | 151 | 202,340 | | |
| 199A | 1 plano silt | 0- 2 | 175 98 1 | 8,960 | 5.6 | 1,568,000 | 175 | 1,568,000 | | |
| 199B | 2e plano silt | 2- 4 | 173 97 1 | 1,640 | 1.0 | 283,720 | 173 | 283,720 | | |
| 199C2 | 2e plano silt | 4- 7 | 165 93 1 | 230 | 0.1 | 37,950 | 165 | 37,950 | | |
| 243C2 | 2e st. charle | 4- 7 | 142 80 S | 240 | 0.1 | 34,080 | 142 | 34,080 | | |
| 243B | 2e st. charle | 2- 4 | 149 84 1 | 890 | 0.6 | 132,610 | 149 | 132,610 | | |
| TOTAL | | | | 20,120 | 12.5 | 3,472,660 | | 3,472,660 | | |

Weighted Average Yield = 172.60 Adjusted Weighted Average Yield = 172.60

Group Number 2

| map | | nir prd I | | acres | | yield x adj | | adjust |
|-------|---------------|-----------|-----------|--------|-----|-------------|-----|---------|
| syml | lc soil name | slope | yld ind F | number | pct | acres | yld | product |
| 82 | 2w millington | 0- 2 | 139 78 5 | 1,970 | 1.2 | 273,830 | 139 | 273,830 |
| 318C | 3s lorenzo lo | 4- 7 | 126 71 S | 440 | 0.3 | 55,440 | 126 | 55,440 |
| 318D2 | 4e lorenzoloa | 7-18 | 108 61 S | 540 | 0.3 | 58,320 | 108 | 58,320 |
| 327B | 2e fox silt l | 1- 4 | 133 75 1 | 1,120 | 0.7 | 148,960 | 133 | 148,960 |
| 327C2 | 2e fox silt l | 4- 7 | 126 71 1 | 920 | 0.6 | 115,920 | 126 | 115,920 |
| 318F | 7e lorenzo lo | 18-40 | 0 | 1,010 | 0.6 | 0 | | 0 |
| TOTAL | | | | 6,000 | 3.7 | 652,470 | | 652,470 |

Weighted Average Yield = 108.75 Adjusted Weighted Average Yield = 108.75

Group Number 3

| map | | nir prd I | | acres | | yield x adj | | adjust |
|------|---------------|-----------|-----------|--------|-----|-------------|-----|-----------|
| syml | lc soil name | slope | yld ind F | number | pct | acres | yld | product |
| 369A | 1 waupacan s | 0- 2 | 170 96 1 | 6,230 | 3.9 | 1,059,100 | 170 | 1,059,100 |
| 369B | 2e waupacan s | 2- 4 | 168 94 1 | 400 | 0.2 | 67,200 | 168 | 67,200 |
| 149A | 1 Brenton si | 0- 3 | 176 99 1 | 1,290 | 0.8 | 227,040 | 176 | 227,040 |
| 325B | 2e dresden si | 2- 4 | 141 79 1 | 2,900 | 1.8 | 408,900 | 141 | 408,900 |

| | | | | | | | | | | |
|-------|---------------|------|-----|----|---|--------|-----|-----------|-----|-----------|
| 325A | 2s dresden si | 0- 2 | 142 | 80 | 1 | 1,630 | 1.0 | 231,460 | 142 | 231,460 |
| TOTAL | | | | | | 12,450 | 7.7 | 1,993,700 | | 1,993,700 |

Weighted Average Yield = 160.14 Adjusted Weighted Average Yield = 160.14

Group Number 4

| map syml | lc soil name | slope | nir yld | prd ind | I F | acres number | pct | yield acres | x adj yld | adjust product |
|-------------|---------------|-------|------------|------------|--------|-----------------|-----|----------------|--------------|-------------------|
| 24A | 1 dodge silt | 0- 2 | 150 | 84 | 1 | 830 | 0.5 | 124,500 | 150 | 124,500 |
| 24B | 2e dodge silt | 2- 4 | 149 | 84 | 1 | 2,110 | 1.3 | 314,390 | 149 | 314,390 |
| 224C | 2e strawn sil | 4- 7 | 124 | 70 | S | 570 | 0.4 | 70,680 | 124 | 70,680 |
| 224C2 | 2e strawn sil | 4- 7 | 119 | 67 | S | 1,700 | 1.1 | 202,300 | 119 | 202,300 |
| 24C2 | 2e dodge silt | 4- 7 | 141 | 79 | S | 500 | 0.3 | 70,500 | 141 | 70,500 |
| 224D2 | 3e strawn sil | 7-15 | 114 | 64 | S | 1,260 | 0.8 | 143,640 | 114 | 143,640 |
| 224C3 | 3e strawn soi | 4- 7 | 110 | 62 | S | 250 | 0.2 | 27,500 | 110 | 27,500 |
| 224D3 | 4e strawn soi | 7-12 | 107 | 60 | 0 | 740 | 0.5 | 79,180 | 107 | 79,180 |
| 224F | 6e strawn sil | 15-30 | | | 0 | 200 | 0.1 | 0 | | 0 |
| TOTAL | | | | | | 8,160 | 5.1 | 1,032,690 | | 1,032,690 |

Weighted Average Yield = 126.56 Adjusted Weighted Average Yield = 126.56

Group Number 5

| map syml | lc soil name | slope | nir yld | prd ind | I F | acres number | pct | yield acres | x adj yld | adjust product |
|-------------|---------------|-------|------------|------------|--------|-----------------|------|----------------|--------------|-------------------|
| 145A | 1 saybrook s | 0- 2 | 162 | 91 | 1 | 3,150 | 2.0 | 510,300 | 162 | 510,300 |
| 60B2 | 2e la rose si | 2- 4 | 136 | 76 | 1 | 620 | 0.4 | 84,320 | 136 | 84,320 |
| 60C2 | 2e la rose si | 4- 7 | 134 | 75 | 1 | 5,700 | 3.5 | 763,800 | 134 | 763,800 |
| 145C2 | 2e saybrook s | 4- 7 | 152 | 85 | 1 | 4,330 | 2.7 | 658,160 | 152 | 658,160 |
| 145B2 | 2e saybrook s | 2- 4 | 154 | 87 | 1 | 2,760 | 1.7 | 425,040 | 154 | 425,040 |
| 145B | 2e saybrook s | 2- 4 | 160 | 90 | 1 | 19,930 | 12.4 | 3,188,800 | 160 | 3,188,800 |
| 152 | 2w drummer si | 0- 2 | 175 | 98 | 2 | 20,924 | 13.0 | 3,661,700 | 175 | 3,661,700 |
| 60C3 | 3e la rose so | 4- 7 | 124 | 70 | S | 1,780 | 1.1 | 220,720 | 124 | 220,720 |
| 60D3 | 4e la rose so | 7-12 | 120 | 67 | S | 1,600 | 1.0 | 192,000 | 120 | 192,000 |
| TOTAL | | | | | | 60,794 | 37.8 | 9,704,840 | | 9,704,840 |

Weighted Average Yield = 159.63 Adjusted Weighted Average Yield = 159.63

Group Number 6

| map syml | lc soil name | slope | nir yld | prd ind | I F | acres number | pct | yield acres | x adj yld | adjust product |
|-------------|---------------|-------|------------|------------|--------|-----------------|------|----------------|--------------|-------------------|
| 442 | 1 mundelein | 0- 2 | 169 | 95 | 1 | 7,620 | 4.7 | 1,287,780 | 169 | 1,287,780 |
| 149 | 1 brenton si | 0- 2 | 176 | 99 | 1 | 5,810 | 3.6 | 1,022,560 | 176 | 1,022,560 |
| 152A | 2w Drummer si | 0- 1 | 175 | 98 | 2 | 15,681 | 9.7 | 2,744,175 | 175 | 2,744,175 |
| TOTAL | | | | | | 29,111 | 18.1 | 5,054,515 | | 5,054,515 |

Weighted Average Yield = 173.63 Adjusted Weighted Average Yield = 173.63

Group Number 7

| map symbl | lc soil name | slope | nir prd I yld ind F | acres number pct | yield x adj acres yld | adjust product |
|--------------|---------------|-------|------------------------|---------------------|--------------------------|-------------------|
| 91B | 2e swygert si | 2- 4 | 142 80 1 | 1,220 0.8 | 173,240 142 | 173,240 |
| 235 | 2w bryce silt | 0- 2 | 146 82 2 | 8,540 5.3 | 1,246,840 146 | 1,246,840 |
| 189A | 2w martinton | 0- 2 | 156 88 1 | 4,140 2.6 | 645,840 156 | 645,840 |
| 91A | 2w swygert si | 0- 2 | 143 80 1 | 7,380 4.6 | 1,055,340 143 | 1,055,340 |
| 91C2 | 3e swygert si | 3- 7 | 132 74 1 | 360 0.2 | 47,520 132 | 47,520 |
| 189B | 2e martinton | 2- 4 | 154 87 1 | 760 0.5 | 117,040 154 | 117,040 |
| TOTAL | | | | 22,400 13.9 | 3,285,820 | 3,285,820 |

Weighted Average Yield = 146.69

Adjusted Weighted Average Yield = 146.69

Group Number 8

| map symbl | lc soil name | slope | nir prd I yld ind F | acres number pct | yield x adj acres yld | adjust product |
|--------------|--------------|-------|------------------------|---------------------|--------------------------|-------------------|
| 24 | 8 gravel pit | 0-35 | 0 | 660 0.4 | 0 | 0 |
| QU | 8 quarries | 0-90 | 0 | 120 0.1 | 0 | 0 |
| W | 8 water | 0- 0 | 0 | 1,200 0.7 | 0 | 0 |
| TOTAL | | | | 1,980 1.2 | 0 | 0 |

Weighted Average Yield = 0.00

Adjusted Weighted Average Yield = 0.00

**Table 4a. Productivity Index for Kendall County, Illinois General Soil Map
(Without Conservation Adjustment) – LESA Worksheet #1**

NOTE: The soil mapunits shown are for the selected area. Unless modified with the edit function, the land capability (lc) is the dominant land capability of the soil components. The yield values shown are a weighted average calculated from the soil components.

| line no. | map symbl | soil name | slope | corn nirr prd i yld ind f | acres number pct |
|-------------|--------------|-------------------------|---------|---------------------------------|---------------------|
| 1 | 198 | elburn silt loam | 0- 2 1 | 178 100 1 | 6,820 4.2 |
| 2 | 149 | brenton silt loam | 0- 2 1 | 176 99 1 | 5,810 3.6 |
| 3 | 149A | Brenton silt loam | 0- 3 1 | 176 99 1 | 1,290 0.8 |
| 4 | 152 | drummer silty clay loam | 0- 2 2w | 175 98 2 | 20,924 13.0 |
| 5 | 152A | Drummer silty clay loam | 0- 1 2w | 175 98 2 | 15,681 9.7 |
| 6 | 199A | plano silt loam | 0- 2 1 | 175 98 1 | 8,960 5.6 |
| 7 | 199B | plano silt loam | 2- 4 2e | 173 97 1 | 1,640 1.0 |
| 8 | 369A | waupecan silt loam | 0- 2 1 | 170 96 1 | 6,230 3.9 |
| 9 | 442 | mundelein silt loam | 0- 2 1 | 169 95 1 | 7,620 4.7 |
| 10 | 369B | waupecan silt loam | 2- 4 2e | 168 94 1 | 400 0.2 |
| 11 | 199C2 | plano silt loam | 4- 7 2e | 165 93 1 | 230 0.1 |
| 12 | 145A | saybrook silt loam | 0- 2 1 | 162 91 1 | 3,150 2.0 |
| 13 | 145B | saybrook silt loam | 2- 4 2e | 160 90 1 | 19,930 12.4 |
| 14 | 189A | martinton silt loam | 0- 2 2w | 156 88 1 | 4,140 2.6 |
| 15 | 145B2 | saybrook silt loam | 2- 4 2e | 154 87 1 | 2,760 1.7 |
| 16 | 189B | martinton silt loam | 2- 4 2e | 154 87 1 | 760 0.5 |
| 17 | 145C2 | saybrook silt loam | 4- 7 2e | 152 85 1 | 4,330 2.7 |
| 18 | 243A | st. charles silt loam | 0- 2 1 | 151 85 1 | 1,340 0.8 |

| | | | | | | | | |
|----|-------|-------------------------|----------|-----|----|---|-------|-----|
| 19 | 24A | dodge silt loam | 0- 2 1 | 150 | 84 | 1 | 830 | 0.5 |
| 20 | 24B | dodge silt loam | 2- 4 2e | 149 | 84 | 1 | 2,110 | 1.3 |
| 21 | 243B | st. charles silt loam | 2- 4 2e | 149 | 84 | 1 | 890 | 0.6 |
| 22 | 235 | bryce silty clay | 0- 2 2w | 146 | 82 | 2 | 8,540 | 5.3 |
| 23 | 91A | swygert silty clay loam | 0- 2 2w | 143 | 80 | 1 | 7,380 | 4.6 |
| 24 | 91B | swygert silty clay loam | 2- 4 2e | 142 | 80 | 1 | 1,220 | 0.8 |
| 25 | 243C2 | st. charles silt loam | 4- 7 2e | 142 | 80 | S | 240 | 0.1 |
| 26 | 325A | dresden silt loam | 0- 2 2s | 142 | 80 | 1 | 1,630 | 1.0 |
| 27 | 24C2 | dodge silt loam | 4- 7 2e | 141 | 79 | S | 500 | 0.3 |
| 28 | 325B | dresden silt loam | 2- 4 2e | 141 | 79 | 1 | 2,900 | 1.8 |
| 29 | 82 | millington silt loam | 0- 2 2w | 139 | 78 | 5 | 1,970 | 1.2 |
| 30 | 60B2 | la rose silt loam | 2- 4 2e | 136 | 76 | 1 | 620 | 0.4 |
| 31 | 60C2 | la rose silt loam | 4- 7 2e | 134 | 75 | 1 | 5,700 | 3.5 |
| 32 | 327B | fox silt loam | 1- 4 2e | 133 | 75 | 1 | 1,120 | 0.7 |
| 33 | 91C2 | swygert silty clay loam | 3- 7 3e | 132 | 74 | 1 | 360 | 0.2 |
| 34 | 318C | lorenzo loam | 4- 7 3s | 126 | 71 | S | 440 | 0.3 |
| 35 | 327C2 | fox silt loam | 4- 7 2e | 126 | 71 | 1 | 920 | 0.6 |
| 36 | 60C3 | la rose soils | 4- 7 3e | 124 | 70 | S | 1,780 | 1.1 |
| 37 | 224C | strawn silt loam | 4- 7 2e | 124 | 70 | S | 570 | 0.4 |
| 38 | 60D3 | la rose soils | 7-12 4e | 120 | 67 | S | 1,600 | 1.0 |
| 39 | 224C2 | strawn silt loam | 4- 7 2e | 119 | 67 | S | 1,700 | 1.1 |
| 40 | 224D2 | strawn silt loam | 7-15 3e | 114 | 64 | S | 1,260 | 0.8 |
| 41 | 224C3 | strawn soils | 4- 7 3e | 110 | 62 | S | 250 | 0.2 |
| 42 | 318D2 | lorenzo loam | 7-18 4e | 108 | 61 | S | 540 | 0.3 |
| 43 | 224D3 | strawn soils | 7-12 4e | 107 | 60 | 0 | 740 | 0.5 |
| 44 | 24 | gravel pits | 0-35 8 | | 0 | 0 | 660 | 0.4 |
| 45 | 224F | strawn silt loam | 15-30 6e | | 0 | 0 | 200 | 0.1 |
| 46 | 318F | lorenzo loam | 18-40 7e | | 0 | 0 | 1,010 | 0.6 |
| 47 | QU | quarries | 0-90 8 | | 0 | 0 | 120 | 0.1 |
| 48 | W | water | 0- 0 8 | | 0 | 0 | 1,200 | 0.7 |

161,015

**Table 4b. Soil Map Unit Name for Kendall County, Illinois General Soil Map
(Without Conservation Adjustment) – LESA Worksheet #1**

| line no. | map syml | soil name | slope | corn | | | acres | |
|-------------|-------------|-------------------------|----------|------|-------|-------|--------|------|
| | | | | lc | yield | ind f | number | pct |
| 1 | 149A | Brenton silt loam | 0- 3 1 | 176 | 99 | 1 | 1,290 | 0.8 |
| 2 | 152A6 | Drummer silty clay loam | 0- 1 2w | 175 | 98 | 2 | 15,681 | 9.7 |
| 3 | 149 | brenton silt loam | 0- 2 1 | 176 | 99 | 1 | 5,810 | 3.6 |
| 4 | 235 | bryce silty clay | 0- 2 2w | 146 | 82 | 2 | 8,540 | 5.3 |
| 5 | 24A | dodge silt loam | 0- 2 1 | 150 | 84 | 1 | 830 | 0.5 |
| 6 | 24B | dodge silt loam | 2- 4 2e | 149 | 84 | 1 | 2,110 | 1.3 |
| 7 | 24C2 | dodge silt loam | 4- 7 2e | 141 | 79 | S | 500 | 0.3 |
| 8 | 325A | dresden silt loam | 0- 2 2s | 142 | 80 | 1 | 1,630 | 1.0 |
| 9 | 325B | dresden silt loam | 2- 4 2e | 141 | 79 | 1 | 2,900 | 1.8 |
| 10 | 152 | drummer silty clay loam | 0- 2 2w | 175 | 98 | 2 | 20,924 | 13.0 |
| 11 | 198 | elburn silt loam | 0- 2 1 | 178 | 100 | 1 | 6,820 | 4.2 |
| 12 | 327B | fox silt loam | 1- 4 2e | 133 | 75 | 1 | 1,120 | 0.7 |
| 13 | 327C2 | fox silt loam | 4- 7 2e | 126 | 71 | 1 | 920 | 0.6 |
| 14 | 24 | gravel pits | 0-35 8 | | 0 | 0 | 660 | 0.4 |
| 15 | 60B2 | la rose silt loam | 2- 4 2e | 136 | 76 | 1 | 620 | 0.4 |
| 16 | 60C2 | la rose silt loam | 4- 7 2e | 134 | 75 | 1 | 5,700 | 3.5 |
| 17 | 60C3 | la rose soils | 4- 7 3e | 124 | 70 | S | 1,780 | 1.1 |
| 18 | 60D3 | la rose soils | 7-12 4e | 120 | 67 | S | 1,600 | 1.0 |
| 19 | 318C | lorenzo loam | 4- 7 3s | 126 | 71 | S | 440 | 0.3 |
| 20 | 318F | lorenzo loam | 18-40 7e | | 0 | 0 | 1,010 | 0.6 |
| 21 | 318D2 | lorenzo loam | 7-18 4e | 108 | 61 | S | 540 | 0.3 |

| | | | | | | | | |
|----|-------|-------------------------|----------|-----|----|---|--------|------|
| 22 | 189A | martinton silt loam | 0- 2 2w | 156 | 88 | 1 | 4,140 | 2.6 |
| 23 | 189B | martinton silt loam | 2- 4 2e | 154 | 87 | 1 | 760 | 0.5 |
| 24 | 82 | millington silt loam | 0- 2 2w | 139 | 78 | 5 | 1,970 | 1.2 |
| 25 | 442 | mundelein silt loam | 0- 2 1 | 169 | 95 | 1 | 7,620 | 4.7 |
| 26 | 199A | plano silt loam | 0- 2 1 | 175 | 98 | 1 | 8,960 | 5.6 |
| 27 | 199B | plano silt loam | 2- 4 2e | 173 | 97 | 1 | 1,640 | 1.0 |
| 28 | 199C2 | plano silt loam | 4- 7 2e | 165 | 93 | 1 | 230 | 0.1 |
| 29 | QU | quarries | 0-90 8 | | 0 | 0 | 120 | 0.1 |
| 30 | 145A | saybrook silt loam | 0- 2 1 | 162 | 91 | 1 | 3,150 | 2.0 |
| 31 | 145B | saybrook silt loam | 2- 4 2e | 160 | 90 | 1 | 19,930 | 12.4 |
| 32 | 145B2 | saybrook silt loam | 2- 4 2e | 154 | 87 | 1 | 2,760 | 1.7 |
| 33 | 145C2 | saybrook silt loam | 4- 7 2e | 152 | 85 | 1 | 4,330 | 2.7 |
| 34 | 243A | st. charles silt loam | 0- 2 1 | 151 | 85 | 1 | 1,340 | 0.8 |
| 35 | 243B | st. charles silt loam | 2- 4 2e | 149 | 84 | 1 | 890 | 0.6 |
| 36 | 243C2 | st. charles silt loam | 4- 7 2e | 142 | 80 | S | 240 | 0.1 |
| 37 | 224C | strawn silt loam | 4- 7 2e | 124 | 70 | S | 570 | 0.4 |
| 38 | 224C2 | strawn silt loam | 4- 7 2e | 119 | 67 | S | 1,700 | 1.1 |
| 39 | 224D2 | strawn silt loam | 7-15 3e | 114 | 64 | S | 1,260 | 0.8 |
| 40 | 224F | strawn silt loam | 15-30 6e | | 0 | 0 | 200 | 0.1 |
| 41 | 224C3 | strawn soils | 4- 7 3e | 110 | 62 | S | 250 | 0.2 |
| 42 | 224D3 | strawn soils | 7-12 4e | 107 | 60 | 0 | 740 | 0.5 |
| 43 | 91A | swygert silty clay loam | 0- 2 2w | 143 | 80 | 1 | 7,380 | 4.6 |
| 44 | 91B | swygert silty clay loam | 2- 4 2e | 142 | 80 | 1 | 1,220 | 0.8 |
| 45 | 91C2 | swygert silty clay loam | 3- 7 3e | 132 | 74 | 1 | 360 | 0.2 |
| 46 | W | water | 0- 0 8 | | 0 | 0 | 1,200 | 0.7 |
| 47 | 369A | waupecan silt loam | 0- 2 1 | 170 | 96 | 1 | 6,230 | 3.9 |
| 48 | 369B | waupecan silt loam | 2- 4 2e | 168 | 94 | 1 | 400 | 0.2 |

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**Table 4c – Soil Map Unit Symbol for Kendall County, Illinois General Soil Map
(Without Conservation Adjustment – LESA Worksheet #1**

| line no. | map symbol | soil name | slope | lc | corn yield | nirr | prd ind | i f | acres number | pct |
|----------|------------|-------------------------|-------|----|------------|------|---------|-----|--------------|------|
| 1 | 24 | gravel pits | 0-35 | 8 | | | 0 | 0 | 660 | 0.4 |
| 2 | 24A | dodge silt loam | 0- 2 | 1 | 150 | 84 | 1 | | 830 | 0.5 |
| 3 | 24B | dodge silt loam | 2- 4 | 2e | 149 | 84 | 1 | | 2,110 | 1.3 |
| 4 | 24C2 | dodge silt loam | 4- 7 | 2e | 141 | 79 | S | | 500 | 0.3 |
| 5 | 60B2 | la rose silt loam | 2- 4 | 2e | 136 | 76 | 1 | | 620 | 0.4 |
| 6 | 60C2 | la rose silt loam | 4- 7 | 2e | 134 | 75 | 1 | | 5,700 | 3.5 |
| 7 | 60C3 | la rose soils | 4- 7 | 3e | 124 | 70 | S | | 1,780 | 1.1 |
| 8 | 60D3 | la rose soils | 7-12 | 4e | 120 | 67 | S | | 1,600 | 1.0 |
| 9 | 82 | millington silt loam | 0- 2 | 2w | 139 | 78 | 5 | | 1,970 | 1.2 |
| 10 | 91A | swygert silty clay loam | 0- 2 | 2w | 143 | 80 | 1 | | 7,380 | 4.6 |
| 11 | 91B | swygert silty clay loam | 2- 4 | 2e | 142 | 80 | 1 | | 1,220 | 0.8 |
| 12 | 91C2 | swygert silty clay loam | 3- 7 | 3e | 132 | 74 | 1 | | 360 | 0.2 |
| 13 | 145A | saybrook silt loam | 0- 2 | 1 | 162 | 91 | 1 | | 3,150 | 2.0 |
| 14 | 145B | saybrook silt loam | 2- 4 | 2e | 160 | 90 | 1 | | 19,930 | 12.4 |
| 15 | 145B2 | saybrook silt loam | 2- 4 | 2e | 154 | 87 | 1 | | 2,760 | 1.7 |
| 16 | 145C2 | saybrook silt loam | 4- 7 | 2e | 152 | 85 | 1 | | 4,330 | 2.7 |
| 17 | 149 | brenton silt loam | 0- 2 | 1 | 176 | 99 | 1 | | 5,810 | 3.6 |
| 18 | 149A | Brenton silt loam | 0- 3 | 1 | 176 | 99 | 1 | | 1,290 | 0.8 |
| 19 | 152 | drummer silty clay loam | 0- 2 | 2w | 175 | 98 | 2 | | 20,924 | 13.0 |
| 20 | 152A | Drummer silty clay loam | 0- 1 | 2w | 175 | 98 | 2 | | 15,681 | 9.7 |
| 21 | 189A | martinton silt loam | 0- 2 | 2w | 156 | 88 | 1 | | 4,140 | 2.6 |
| 22 | 189B | martinton silt loam | 2- 4 | 2e | 154 | 87 | 1 | | 760 | 0.5 |
| 23 | 198 | elburn silt loam | 0- 2 | 1 | 178 | 100 | 1 | | 6,820 | 4.2 |

| | | | | | | | | |
|----|-------|-----------------------|----------|-----|----|---|-------|-----|
| 24 | 199A | plano silt loam | 0- 2 1 | 175 | 98 | 1 | 8,960 | 5.6 |
| 25 | 199B | plano silt loam | 2- 4 2e | 173 | 97 | 1 | 1,640 | 1.0 |
| 26 | 199C2 | plano silt loam | 4- 7 2e | 165 | 93 | 1 | 230 | 0.1 |
| 27 | 224C | strawn silt loam | 4- 7 2e | 124 | 70 | S | 570 | 0.4 |
| 28 | 224C2 | strawn silt loam | 4- 7 2e | 119 | 67 | S | 1,700 | 1.1 |
| 29 | 224C3 | strawn soils | 4- 7 3e | 110 | 62 | S | 250 | 0.2 |
| 30 | 224D2 | strawn silt loam | 7-15 3e | 114 | 64 | S | 1,260 | 0.8 |
| 31 | 224D3 | strawn soils | 7-12 4e | 107 | 60 | 0 | 740 | 0.5 |
| 32 | 224F | strawn silt loam | 15-30 6e | | 0 | 0 | 200 | 0.1 |
| 33 | 235 | bryce silty clay | 0- 2 2w | 146 | 82 | 2 | 8,540 | 5.3 |
| 34 | 243A | st. charles silt loam | 0- 2 1 | 151 | 85 | 1 | 1,340 | 0.8 |
| 35 | 243B | st. charles silt loam | 2- 4 5s | 149 | 84 | 1 | 890 | 0.6 |
| 36 | 243C2 | st. charles silt loam | 4- 7 2e | 142 | 80 | S | 240 | 0.1 |
| 37 | 318C | lorenzo loam | 4- 7 3s | 126 | 71 | S | 440 | 0.3 |
| 38 | 318D2 | lorenzo loam | 7-18 4e | 108 | 61 | S | 540 | 0.3 |
| 39 | 318F | lorenzo loam | 18-40 7e | | 0 | 0 | 1,010 | 0.6 |
| 40 | 325A | dresden silt loam | 0- 2 2s | 142 | 80 | 1 | 1,630 | 1.0 |
| 41 | 325B | dresden silt loam | 2- 4 2e | 141 | 79 | 1 | 2,900 | 1.8 |
| 42 | 327B | fox silt loam | 1- 4 2e | 133 | 75 | 1 | 1,120 | 0.7 |
| 43 | 327C2 | fox silt loam | 4- 7 2e | 126 | 71 | 1 | 920 | 0.6 |
| 44 | 369A | waupecan silt loam | 0- 2 1 | 170 | 96 | 1 | 6,230 | 3.9 |
| 45 | 369B | waupecan silt loam | 2- 4 2e | 168 | 94 | 1 | 400 | 0.2 |
| 46 | 442 | mundelein silt loam | 0- 2 1 | 169 | 95 | 1 | 7,620 | 4.7 |
| 47 | QU | quarries | 0-90 8 | | 0 | 0 | 120 | 0.1 |
| 48 | W | water | 0- 0 8 | | 0 | 0 | 1,200 | 0.7 |

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Table 4d. Land Capability Classes of Soils for Kendall County, Illinois General Soil Map (Without Conservation Adjustment) – LESA Worksheet #1

| line no. | map syml | soil name | slope | corn | | | acres | | |
|----------|----------|-------------------------|---------|------|------------|---------|-------|--------|------|
| | | | | lc | nirr yield | prd ind | f | number | pct |
| 1 | 199A | plano silt loam | 0- 2 1 | | 175 | 98 | 1 | 8,960 | 5.6 |
| 2 | 442 | mundelein silt loam | 0- 2 1 | | 169 | 95 | 1 | 7,620 | 4.7 |
| 3 | 198 | elburn silt loam | 0- 2 1 | | 178 | 100 | 1 | 6,820 | 4.2 |
| 4 | 369A | waupecan silt loam | 0- 2 1 | | 170 | 96 | 1 | 6,230 | 3.9 |
| 5 | 149 | brenton silt loam | 0- 2 1 | | 176 | 99 | 1 | 5,810 | 3.6 |
| 6 | 145A | saybrook silt loam | 0- 2 1 | | 162 | 91 | 1 | 3,150 | 2.0 |
| 7 | 243A | st. charles silt loam | 0- 2 1 | | 151 | 85 | 1 | 1,340 | 0.8 |
| 8 | 24A | dodge silt loam | 0- 2 1 | | 150 | 84 | 1 | 830 | 0.5 |
| 9 | 145B | saybrook silt loam | 2- 4 2e | | 160 | 90 | 1 | 19,930 | 12.4 |
| 10 | 60C2 | la rose silt loam | 4- 7 2e | | 134 | 75 | 1 | 5,700 | 3.5 |
| 11 | 145C2 | saybrook silt loam | 4- 7 2e | | 152 | 85 | 1 | 4,330 | 2.7 |
| 12 | 325B | dresden silt loam | 2- 4 2e | | 141 | 79 | 1 | 2,900 | 1.8 |
| 13 | 145B2 | saybrook silt loam | 2- 4 2e | | 154 | 87 | 1 | 2,760 | 1.7 |
| 14 | 24B | dodge silt loam | 2- 4 2e | | 149 | 84 | 1 | 2,110 | 1.3 |
| 15 | 224C2 | strawn silt loam | 4- 7 2e | | 119 | 67 | S | 1,700 | 1.1 |
| 16 | 199B | plano silt loam | 2- 4 2e | | 173 | 97 | 1 | 1,640 | 1.0 |
| 17 | 149A | Brenton silt loam | 0- 3 1 | | 176 | 99 | 1 | 1,290 | 0.8 |
| 18 | 91B | swygert silty clay loam | 2- 4 2e | | 142 | 80 | 1 | 1,220 | 0.8 |
| 19 | 60B2 | la rose silt loam | 2- 4 2e | | 136 | 76 | 1 | 620 | 0.4 |
| 20 | 224C | strawn silt loam | 4- 7 2e | | 124 | 70 | S | 570 | 0.4 |
| 21 | 24C2 | dodge silt loam | 4- 7 2e | | 141 | 79 | S | 500 | 0.3 |
| 22 | 369B | waupecan silt loam | 2- 4 2e | | 168 | 94 | 1 | 400 | 0.2 |
| 23 | 243C2 | st. charles silt loam | 4- 7 2e | | 142 | 80 | S | 240 | 0.1 |
| 24 | 199C2 | plano silt loam | 4- 7 2e | | 165 | 93 | 1 | 230 | 0.1 |
| 25 | 325A | dresden silt loam | 0- 2 2s | | 142 | 80 | 1 | 1,630 | 1.0 |
| 26 | 152 | drummer silty clay loam | 0- 2 2w | | 175 | 98 | 2 | 20,924 | 13.0 |

| | | | | | | | | | |
|----|-------|-------------------------|-------|----|-----|----|---|--------|-----|
| 27 | 235 | bryce silty clay | 0- 2 | 2w | 146 | 82 | 2 | 8,540 | 5.3 |
| 28 | 91A | swygert silty clay loam | 0- 2 | 2w | 143 | 80 | 1 | 7,380 | 4.6 |
| 29 | 189A | martinton silt loam | 0- 2 | 2w | 156 | 88 | 1 | 4,140 | 2.6 |
| 30 | 82 | millington silt loam | 0- 2 | 2w | 139 | 78 | 5 | 1,970 | 1.2 |
| 31 | 60C3 | la rose soils | 4- 7 | 3e | 124 | 70 | S | 1,780 | 1.1 |
| 32 | 224D2 | strawn silt loam | 7-15 | 3e | 114 | 64 | S | 1,260 | 0.8 |
| 33 | 91C2 | swygert silty clay loam | 3- 7 | 3e | 132 | 74 | 1 | 360 | 0.2 |
| 34 | 224C3 | strawn soils | 4- 7 | 3e | 110 | 62 | S | 250 | 0.2 |
| 35 | 318C | lorenzo loam | 4- 7 | 3s | 126 | 71 | S | 440 | 0.3 |
| 36 | 152A | Drummer silty clay loam | 0- 1 | 2w | 175 | 98 | 2 | 15,681 | 9.7 |
| 37 | 60D3 | la rose soils | 7-12 | 4e | 120 | 67 | S | 1,600 | 1.0 |
| 38 | 224D3 | strawn soils | 7-12 | 4e | 107 | 60 | 0 | 740 | 0.5 |
| 39 | 318D2 | lorenzo loam | 7-18 | 4e | 108 | 61 | S | 540 | 0.3 |
| 40 | 243B | st. charles silt loam | 2- 4 | 2e | 149 | 84 | 1 | 890 | 0.6 |
| 41 | 327B | fox silt loam | 1- 4 | 2e | 133 | 75 | 1 | 1,120 | 0.7 |
| 42 | 327C2 | fox silt loam | 4- 7 | 2e | 126 | 71 | 1 | 920 | 0.6 |
| 43 | 224F | strawn silt loam | 15-30 | 6e | | 0 | 0 | 200 | 0.1 |
| 44 | 318F | lorenzo loam | 18-40 | 7e | | 0 | 0 | 1,010 | 0.6 |
| 45 | W | water | 0- 0 | 8 | | 0 | 0 | 1,200 | 0.7 |
| 46 | 24 | gravel pits | 0-35 | 8 | | 0 | 0 | 660 | 0.4 |
| 47 | QU | quarries | 0-90 | 8 | | 0 | 0 | 120 | 0.1 |
| 48 | 189B | martinton silt loam | 2- 4 | 2e | 154 | 87 | 1 | 760 | 0.5 |

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Table 5. Kendall County, Illinois, General Soil Map Groups for Urban Interpretations.

| group or soil association | map unit symbol | map unit name | interpretation | interpretation rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|-------------------------------------|-----------------------------|---------------------------------------|
| 1 | 198 | Elburn silt loam | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 198 | Elburn silt loam | ENG - Shallow Excavations | Very limited | 1.00 |
| 1 | 198 | Elburn silt loam | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 198 | Elburn silt loam | ENG - Dwellings With Basements | Very limited | 1.00 |
| 1 | 198 | Elburn silt loam | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 198 | Elburn silt loam | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 1 | 198 | Elburn silt loam | ENG - Sewage Lagoons | Very limited | 1.00 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretaion rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|-------------------------------------|----------------------------|---------------------------------------|
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | ENG - Sewage Lagoons | Very limited | 1.00 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings With Basements | Somewhat limited | 0.50 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretaion rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|-------------------------------------|----------------------------|---------------------------------------|
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | ENG - Shallow Excavations | Very limited | 1.00 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | ENG - Dwellings With Basements | Not limited | 0.00 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | ENG - Shallow Excavations | Very limited | 1.00 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings With Basements | Not limited | 0.00 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | ENG - Shallow Excavations | Somewhat limited | 0.50 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | ENG - Dwellings With Basements | Not limited | 0.00 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretaion rating class | numerical interpretation rating class |
|---------------------------|-----------------|---|-------------------------------------|----------------------------|---------------------------------------|
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 318D2 | Lorenzoloam, 7 to 18 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 318D2 | Lorenzoloam, 7 to 18 percent slopes, eroded | ENG - Shallow Excavations | Somewhat limited | 0.84 |
| 2 | 318D2 | Lorenzoloam, 7 to 18 percent slopes, eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.84 |
| 2 | 318D2 | Lorenzoloam, 7 to 18 percent slopes, eroded | ENG - Dwellings With Basements | Somewhat limited | 0.84 |
| 2 | 318D2 | Lorenzoloam, 7 to 18 percent slopes, eroded | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 2 | 318D2 | Lorenzoloam, 7 to 18 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.84 |
| 2 | 318D2 | Lorenzoloam, 7 to 18 percent slopes, eroded | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | ENG - Shallow Excavations | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | ENG - Dwellings With Basements | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | ENG - Shallow Excavations | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | ENG - Dwellings With Basements | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | ENG - Lawn, Landscape, Golf Fairway | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | ENG - Sewage Lagoons | Very limited | 1.00 |
| 3 | 149 | Brenton silt loam | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretaion rating class | numerical interpretation rating class |
|---------------------------|-----------------|---|-------------------------------------|----------------------------|---------------------------------------|
| 3 | 149 | Brenton silt loam | ENG - Shallow Excavations | Very limited | 1.00 |
| 3 | 149 | Brenton silt loam | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 3 | 149 | Brenton silt loam | ENG - Dwellings With Basements | Very limited | 1.00 |
| 3 | 149 | Brenton silt loam | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 3 | 149 | Brenton silt loam | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 3 | 149 | Brenton silt loam | ENG - Sewage Lagoons | Very limited | 1.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | ENG - Shallow Excavations | Very limited | 1.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | ENG - Dwellings With Basements | Not limited | 0.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | ENG - Small Commercial Buildings | Not limited | 0.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | ENG - Shallow Excavations | Very limited | 1.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | ENG - Dwellings With Basements | Not limited | 0.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | ENG - Small Commercial Buildings | Not limited | 0.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | ENG - Shallow Excavations | Very limited | 1.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | ENG - Dwellings With Basements | Not limited | 0.00 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretaion rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|-------------------------------------|----------------------------|---------------------------------------|
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | ENG - Small Commercial Buildings | Not limited | 0.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | ENG - Shallow Excavations | Very limited | 1.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | ENG - Dwellings With Basements | Not limited | 0.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | ENG - Small Commercial Buildings | Not limited | 0.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 4 | 24B | Dodge silt loam, 2 to 4 percent slopes | ENG - Dwellings With Basements | Not limited | 0.00 |
| 4 | 24B | Dodge silt loam, 2 to 4 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 4 | 24B | Dodge silt loam, 2 to 4 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 4 | 24B | Dodge silt loam, 2 to 4 percent slopes | ENG - Sewage Lagoons | Somewhat limited | 0.53 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings With Basements | Not limited | 0.00 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | ENG - Dwellings With Basements | Not limited | 0.00 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretaion rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|-------------------------------------|----------------------------|---------------------------------------|
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings With Basements | Not limited | 0.00 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | ENG - Dwellings With Basements | Not limited | 0.00 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | ENG - Shallow Excavations | Somewhat limited | 0.37 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.37 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | ENG - Dwellings With Basements | Somewhat limited | 0.37 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | ENG - Small Commercial Buildings | Very limited | 1.00 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretation rating class | numerical interpretation rating class |
|---------------------------|-----------------|---|-------------------------------------|-----------------------------|---------------------------------------|
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.37 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | ENG - Sewage Lagoons | Very limited | 1.00 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | ENG - Shallow Excavations | Somewhat limited | 0.16 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.16 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | ENG - Dwellings With Basements | Somewhat limited | 0.16 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.16 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | ENG - Sewage Lagoons | Very limited | 1.00 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | ENG - Sewage Lagoons | Somewhat limited | 0.53 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | ENG - Sewage Lagoons | Somewhat limited | 0.92 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretaion rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|-------------------------------------|----------------------------|---------------------------------------|
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | ENG - Shallow Excavations | Somewhat limited | 0.16 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.16 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | ENG - Sewage Lagoons | Very limited | 1.00 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.72 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | ENG - Shallow Excavations | Somewhat limited | 0.15 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | ENG - Sewage Lagoons | Somewhat limited | 0.53 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | ENG - Sewage Lagoons | Somewhat limited | 0.53 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.72 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretaion rating class | numerical interpretation rating class |
|---------------------------|-----------------|---|-------------------------------------|----------------------------|---------------------------------------|
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | ENG - Shallow Excavations | Somewhat limited | 0.15 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.72 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | ENG - Shallow Excavations | Somewhat limited | 0.15 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | ENG - Sewage Lagoons | Somewhat limited | 0.53 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.72 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | ENG - Shallow Excavations | Somewhat limited | 0.15 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 152 | Drummer silty clay loam | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | ENG - Shallow Excavations | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | ENG - Dwellings With Basements | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | ENG - Lawn, Landscape, Golf Fairway | Very limited | 1.00 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretation rating class | numerical interpretation rating class |
|---------------------------|-----------------|-------------------------|-------------------------------------|-----------------------------|---------------------------------------|
| 5 | 152 | Drummer silty clay loam | ENG - Sewage Lagoons | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | ENG - Shallow Excavations | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | ENG - Dwellings With Basements | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | ENG - Lawn, Landscape, Golf Fairway | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | ENG - Sewage Lagoons | Very limited | 1.00 |
| 6 | 149 | Brenton silt loam | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 6 | 149 | Brenton silt loam | ENG - Shallow Excavations | Very limited | 1.00 |
| 6 | 149 | Brenton silt loam | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 6 | 149 | Brenton silt loam | ENG - Dwellings With Basements | Very limited | 1.00 |
| 6 | 149 | Brenton silt loam | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 6 | 149 | Brenton silt loam | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 6 | 149 | Brenton silt loam | ENG - Sewage Lagoons | Very limited | 1.00 |
| 6 | 442 | Mundelein silt loam | ENG - Sewage Lagoons | Very limited | 1.00 |
| 6 | 442 | Mundelein silt loam | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 6 | 442 | Mundelein silt loam | ENG - Shallow Excavations | Very limited | 1.00 |
| 6 | 442 | Mundelein silt loam | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 6 | 442 | Mundelein silt loam | ENG - Dwellings With Basements | Very limited | 1.00 |
| 6 | 442 | Mundelein silt loam | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 6 | 442 | Mundelein silt loam | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretaion rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|-------------------------------------|----------------------------|---------------------------------------|
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | ENG - Sewage Lagoons | Somewhat limited | 0.75 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | ENG - Sewage Lagoons | Somewhat limited | 0.75 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | ENG - Sewage Lagoons | Somewhat limited | 0.75 |
| 7 | 235 | Bryce silty clay | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 235 | Bryce silty clay | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 7 | 235 | Bryce silty clay | ENG - Dwellings With Basements | Very limited | 1.00 |

| group or soil association | map unit symbol | map unit name | interpretation | interpretaion rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|-------------------------------------|----------------------------|---------------------------------------|
| 7 | 235 | Bryce silty clay | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 7 | 235 | Bryce silty clay | ENG - Lawn, Landscape, Golf Fairway | Very limited | 1.00 |
| 7 | 235 | Bryce silty clay | ENG - Sewage Lagoons | Very limited | 1.00 |
| 7 | 235 | Bryce silty clay | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | ENG - Sewage Lagoons | Very limited | 1.00 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |

Table 6. Kendall County, Illinois, General Soil Map - Numerical Urban Interpretation Ratings

| group or soil association | map unit symbol | map unit name | soil component name | interpretation | interpretation rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|---------------------|-------------------------------------|-----------------------------|---------------------------------------|
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | Plano | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | Plano | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | Plano | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | St. Charles | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | St. Charles | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | St. Charles | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | Fox | ENG - Dwellings With Basements | Not limited | 0.00 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | Fox | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | Fox | ENG - Dwellings With Basements | Not limited | 0.00 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | Fox | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | Lorenzo | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | Lorenzo | ENG - Dwellings With Basements | Not limited | 0.00 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | Lorenzo | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | Dresden | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | Dresden | ENG - Dwellings With Basements | Not limited | 0.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | Dresden | ENG - Small Commercial Buildings | Not limited | 0.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | Dresden | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | Dresden | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | Dresden | ENG - Dwellings With Basements | Not limited | 0.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | Dresden | ENG - Small Commercial Buildings | Not limited | 0.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | Dresden | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | Waupecan | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | Waupecan | ENG - Dwellings With Basements | Not limited | 0.00 |

| group or soil association | map unit symbol | map unit name | soil component name | interpretation | interpretation rating class | numerical interpretation rating class |
|---------------------------|-----------------|---|---------------------|-------------------------------------|-----------------------------|---------------------------------------|
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | Waupecan | ENG - Small Commercial Buildings | Not limited | 0.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | Waupecan | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | Waupecan | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | Waupecan | ENG - Dwellings With Basements | Not limited | 0.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | Waupecan | ENG - Small Commercial Buildings | Not limited | 0.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | Waupecan | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 4 | 24B | Dodge silt loam, 2 to 4 percent slopes | Dodge | ENG - Dwellings With Basements | Not limited | 0.00 |
| 4 | 24B | Dodge silt loam, 2 to 4 percent slopes | Dodge | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | Dodge | ENG - Dwellings With Basements | Not limited | 0.00 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | Dodge | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | Strawn | ENG - Dwellings With Basements | Not limited | 0.00 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | Strawn | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | Strawn | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | Strawn | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | Strawn | ENG - Dwellings With Basements | Not limited | 0.00 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | Strawn | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | Strawn | ENG - Dwellings W/O Basements | Not limited | 0.00 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | Strawn | ENG - Dwellings With Basements | Not limited | 0.00 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | Strawn | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | La Rose | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | La Rose | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | La Rose | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | Saybrook | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | Saybrook | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |

| group or soil association | map unit symbol | map unit name | soil component name | interpretation | interpretation rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|---------------------|-------------------------------------|-----------------------------|---------------------------------------|
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | Saybrook | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | Saybrook | ENG - Lawn, Landscape, Golf Fairway | Not limited | 0.00 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | Plano | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | Plano | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | Plano | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | St. Charles | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | St. Charles | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | St. Charles | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | Dodge | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | Strawn | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | Strawn | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | Strawn | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | La Rose | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | La Rose | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | La Rose | ENG - Shallow Excavations | Somewhat limited | 0.10 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | Saybrook | ENG - Shallow Excavations | Somewhat limited | 0.15 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | Saybrook | ENG - Shallow Excavations | Somewhat limited | 0.15 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | Saybrook | ENG - Shallow Excavations | Somewhat limited | 0.15 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | Saybrook | ENG - Shallow Excavations | Somewhat limited | 0.15 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | Strawn | ENG - Shallow Excavations | Somewhat limited | 0.16 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | Strawn | ENG - Dwellings W/O Basements | Somewhat limited | 0.16 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | Strawn | ENG - Dwellings With Basements | Somewhat limited | 0.16 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | Strawn | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.16 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | La Rose | ENG - Shallow Excavations | Somewhat limited | 0.16 |

| group or soil association | map unit symbol | map unit name | soil component name | interpretation | interpretation rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|---------------------|-------------------------------------|-----------------------------|---------------------------------------|
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | La Rose | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.16 |
| 1 | 198 | Elburn silt loam | Elburn | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 3 | 149 | Brenton silt loam | Brenton | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 6 | 149 | Brenton silt loam | Brenton | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 6 | 442 | Mundelein silt loam | Mundelein | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | Swygert | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | Swygert | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | Swygert | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | Martinton | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | Martinton | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.19 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | Strawn | ENG - Shallow Excavations | Somewhat limited | 0.37 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | Strawn | ENG - Dwellings W/O Basements | Somewhat limited | 0.37 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | Strawn | ENG - Dwellings With Basements | Somewhat limited | 0.37 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | Strawn | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.37 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | Dodge | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | Strawn | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | Strawn | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | Strawn | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | Strawn | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | Strawn | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | La Rose | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | La Rose | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | La Rose | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | La Rose | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.46 |

| group or soil association | map unit symbol | map unit name | soil component name | interpretation | interpretation rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|---------------------|----------------------------------|-----------------------------|---------------------------------------|
| 1 | 198 | Elburn silt loam | Elburn | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 198 | Elburn silt loam | Elburn | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | Plano | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | Plano | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | Plano | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | Plano | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | Plano | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | Plano | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | Plano | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | Plano | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | Plano | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | St. Charles | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | St. Charles | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | St. Charles | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | St. Charles | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | St. Charles | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | St. Charles | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | St. Charles | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | St. Charles | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | St. Charles | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | Fox | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | Fox | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | Fox | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | Fox | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |

| group or soil association | map unit symbol | map unit name | soil component name | interpretation | interpretation rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|---------------------|----------------------------------|-----------------------------|---------------------------------------|
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | Lorenzo | ENG - Shallow Excavations | Somewhat limited | 0.50 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | Lorenzo | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 3 | 149 | Brenton silt loam | Brenton | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 3 | 149 | Brenton silt loam | Brenton | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 4 | 24B | Dodge silt loam, 2 to 4 percent slopes | Dodge | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | Dodge | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | Dodge | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | Strawn | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | Strawn | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | Strawn | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | La Rose | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | La Rose | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | La Rose | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | La Rose | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | La Rose | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | La Rose | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | La Rose | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | La Rose | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | La Rose | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | La Rose | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | La Rose | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | Saybrook | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | Saybrook | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | Saybrook | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |

| group or soil asso- ciation | map unit symbol | map unit name | soil component name | interpretation | interpreta- tion rating class | numerical interpre- tation rating class |
|--------------------------------------|-----------------------|---|---------------------------|-------------------------------------|-------------------------------------|---|
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | Saybrook | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | Saybrook | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | Saybrook | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | Saybrook | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | Saybrook | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | Saybrook | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | Saybrook | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | Saybrook | ENG - Dwellings With Basements | Somewhat limited | 0.50 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | Saybrook | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 6 | 149 | Brenton silt loam | Brenton | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 6 | 149 | Brenton silt loam | Brenton | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 6 | 442 | Mundelein silt loam | Mundelein | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 6 | 442 | Mundelein silt loam | Mundelein | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | Martinton | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | Martinton | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | Martinton | ENG - Dwellings W/O Basements | Somewhat limited | 0.50 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | Martinton | ENG - Small Commercial Buildings | Somewhat limited | 0.50 |
| 4 | 24B | Dodge silt loam, 2 to 4 percent slopes | Dodge | ENG - Sewage Lagoons | Somewhat limited | 0.53 |
| 5 | 60B2 | La Rose silt loam, 2 to 4 percent slopes, eroded | La Rose | ENG - Sewage Lagoons | Somewhat limited | 0.53 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | Saybrook | ENG - Sewage Lagoons | Somewhat limited | 0.53 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | Saybrook | ENG - Sewage Lagoons | Somewhat limited | 0.53 |
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | Saybrook | ENG - Sewage Lagoons | Somewhat limited | 0.53 |
| 5 | 145A | Saybrook silt loam, 0 to 2 percent slopes | Saybrook | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.72 |
| 5 | 145B | Saybrook silt loam, 2 to 4 percent slopes | Saybrook | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.72 |

| group or soil association | map unit symbol | map unit name | soil component name | interpretation | interpretation rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|---------------------|-------------------------------------|-----------------------------|---------------------------------------|
| 5 | 145B2 | Saybrook silt loam, 2 to 4 percent slopes, eroded | Saybrook | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.72 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | Saybrook | ENG - Septic Tank Absorption Fields | Somewhat limited | 0.72 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | Swygert | ENG - Sewage Lagoons | Somewhat limited | 0.75 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | Swygert | ENG - Sewage Lagoons | Somewhat limited | 0.75 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | Swygert | ENG - Sewage Lagoons | Somewhat limited | 0.75 |
| 2 | 318D2 | Lorenzo loam, 7 to 18 percent slopes, eroded | Lorenzo | ENG - Shallow Excavations | Somewhat limited | 0.84 |
| 2 | 318D2 | Lorenzo loam, 7 to 18 percent slopes, eroded | Lorenzo | ENG - Dwellings W/O Basements | Somewhat limited | 0.84 |
| 2 | 318D2 | Lorenzo loam, 7 to 18 percent slopes, eroded | Lorenzo | ENG - Dwellings With Basements | Somewhat limited | 0.84 |
| 2 | 318D2 | Lorenzo loam, 7 to 18 percent slopes, eroded | Lorenzo | ENG - Lawn, Landscape, Golf Fairway | Somewhat limited | 0.84 |
| 4 | 24C2 | Dodge silt loam, 4 to 7 percent slopes, eroded | Dodge | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 4 | 224C | Strawn silt loam, 4 to 7 percent slopes | Strawn | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 4 | 224C2 | Strawn silt loam, 4 to 7 percent slopes, eroded | Strawn | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 4 | 224C3 | Strawn soils, 4 to 7 percent slopes, severely eroded | Strawn | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 5 | 60C2 | La Rose silt loam, 4 to 7 percent slopes, eroded | La Rose | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 5 | 60C3 | La Rose soils, 4 to 7 percent slopes, severely eroded | La Rose | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 5 | 145C2 | Saybrook silt loam, 4 to 7 percent slopes, eroded | Saybrook | ENG - Sewage Lagoons | Somewhat limited | 0.92 |
| 1 | 198 | Elburn silt loam | Elburn | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 198 | Elburn silt loam | Elburn | ENG - Shallow Excavations | Very limited | 1.00 |
| 1 | 198 | Elburn silt loam | Elburn | ENG - Dwellings With Basements | Very limited | 1.00 |
| 1 | 198 | Elburn silt loam | Elburn | ENG - Sewage Lagoons | Very limited | 1.00 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | Plano | ENG - Sewage Lagoons | Very limited | 1.00 |
| 1 | 199A | Plano silt loam, 0 to 2 percent slopes | Plano | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | Plano | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 199B | Plano silt loam, 2 to 4 percent slopes | Plano | ENG - Sewage Lagoons | Very limited | 1.00 |

| group or soil asso- ciation | map unit symbol | map unit name | soil component name | interpretation | interpreta- tion rating class | numerical interpre- tation rating class |
|--------------------------------------|-----------------------|--|---------------------------|-------------------------------------|-------------------------------------|---|
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | Plano | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 199C2 | Plano silt loam, 4 to 7 percent slopes, eroded | Plano | ENG - Sewage Lagoons | Very limited | 1.00 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | St. Charles | ENG - Sewage Lagoons | Very limited | 1.00 |
| 1 | 243A | St. Charles silt loam, 0 to 2 percent slopes | St. Charles | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | St. Charles | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 243B | St. Charles silt loam, 2 to 4 percent slopes | St. Charles | ENG - Sewage Lagoons | Very limited | 1.00 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | St. Charles | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 1 | 243C2 | St. Charles silt loam, 4 to 7 percent slopes, eroded | St. Charles | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | Fox | ENG - Shallow Excavations | Very limited | 1.00 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | Fox | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 327B | Fox silt loam, 1 to 4 percent slopes | Fox | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | Fox | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | Fox | ENG - Shallow Excavations | Very limited | 1.00 |
| 2 | 327C2 | Fox silt loam, 4 to 7 percent slopes, eroded | Fox | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | Lorenzo | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 318C | Lorenzo loam, 4 to 7 percent slopes | Lorenzo | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 318D2 | Lorenzoloam, 7 to 18 percent slopes, eroded | Lorenzo | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 318D2 | Lorenzoloam, 7 to 18 percent slopes, eroded | Lorenzo | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 2 | 318D2 | Lorenzoloam, 7 to 18 percent slopes, eroded | Lorenzo | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | Lorenzo | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | Lorenzo | ENG - Shallow Excavations | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | Lorenzo | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | Lorenzo | ENG - Dwellings With Basements | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | Lorenzo | ENG - Small Commercial Buildings | Very limited | 1.00 |

| group or soil association | map unit symbol | map unit name | soil component name | interpretation | interpreta-tion rating class | numerical interpre-tation rating class |
|---------------------------|-----------------|---|---------------------|-------------------------------------|------------------------------|--|
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | Lorenzo | ENG - Lawn, Landscape, Golf Fairway | Very limited | 1.00 |
| 2 | 318F | Lorenzo loam, 18 to 40 percent slopes | Lorenzo | ENG - Sewage Lagoons | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | Millington | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | Millington | ENG - Shallow Excavations | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | Millington | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | Millington | ENG - Dwellings With Basements | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | Millington | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | Millington | ENG - Lawn, Landscape, Golf Fairway | Very limited | 1.00 |
| 2 | 82 | Millington silt loam | Millington | ENG - Sewage Lagoons | Very limited | 1.00 |
| 3 | 149 | Brenton silt loam | Brenton | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 3 | 149 | Brenton silt loam | Brenton | ENG - Shallow Excavations | Very limited | 1.00 |
| 3 | 149 | Brenton silt loam | Brenton | ENG - Dwellings With Basements | Very limited | 1.00 |
| 3 | 149 | Brenton silt loam | Brenton | ENG - Sewage Lagoons | Very limited | 1.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | Dresden | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | Dresden | ENG - Shallow Excavations | Very limited | 1.00 |
| 3 | 325A | Dresden silt loam, 0 to 2 percent slopes | Dresden | ENG - Sewage Lagoons | Very limited | 1.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | Dresden | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | Dresden | ENG - Shallow Excavations | Very limited | 1.00 |
| 3 | 325B | Dresden silt loam, 2 to 4 percent slopes | Dresden | ENG - Sewage Lagoons | Very limited | 1.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | Waupecan | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | Waupecan | ENG - Shallow Excavations | Very limited | 1.00 |
| 3 | 369A | Waupecan silt loam, 0 to 2 percent slopes | Waupecan | ENG - Sewage Lagoons | Very limited | 1.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | Waupecan | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | Waupecan | ENG - Shallow Excavations | Very limited | 1.00 |

| group or soil association | map unit symbol | map unit name | soil component name | interpretation | interpretation rating class | numerical interpretation rating class |
|---------------------------|-----------------|--|---------------------|-------------------------------------|-----------------------------|---------------------------------------|
| 3 | 369B | Waupecan silt loam, 2 to 4 percent slopes | Waupecan | ENG - Sewage Lagoons | Very limited | 1.00 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | Strawn | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 4 | 224D2 | Strawn silt loam, 7 to 15 percent slopes, eroded | Strawn | ENG - Sewage Lagoons | Very limited | 1.00 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | Strawn | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 4 | 224D3 | Strawn soils, 7 to 12 percent slopes, severely eroded | Strawn | ENG - Sewage Lagoons | Very limited | 1.00 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | La Rose | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 5 | 60D3 | La Rose soils, 7 to 12 percent slopes, severely eroded | La Rose | ENG - Sewage Lagoons | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | Drummer | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | Drummer | ENG - Shallow Excavations | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | Drummer | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | Drummer | ENG - Dwellings With Basements | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | Drummer | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | Drummer | ENG - Lawn, Landscape, Golf Fairway | Very limited | 1.00 |
| 5 | 152 | Drummer silty clay loam | Drummer | ENG - Sewage Lagoons | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | Drummer | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | Drummer | ENG - Shallow Excavations | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | Drummer | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | Drummer | ENG - Dwellings With Basements | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | Drummer | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | Drummer | ENG - Lawn, Landscape, Golf Fairway | Very limited | 1.00 |
| 6 | 152 | Drummer silty clay loam | Drummer | ENG - Sewage Lagoons | Very limited | 1.00 |
| 6 | 149 | Brenton silt loam | Brenton | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 6 | 149 | Brenton silt loam | Brenton | ENG - Shallow Excavations | Very limited | 1.00 |
| 6 | 149 | Brenton silt loam | Brenton | ENG - Dwellings With Basements | Very limited | 1.00 |

| group or soil asso- ciation | map unit symbol | map unit name | soil component name | interpretation | interpreta- tion rating class | numerical interpre- tation rating class |
|--------------------------------------|-----------------------|--|---------------------------|-------------------------------------|-------------------------------------|---|
| 6 | 149 | Brenton silt loam | Brenton | ENG - Sewage Lagoons | Very limited | 1.00 |
| 6 | 442 | Mundelein silt loam | Mundelein | ENG - Sewage Lagoons | Very limited | 1.00 |
| 6 | 442 | Mundelein silt loam | Mundelein | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 6 | 442 | Mundelein silt loam | Mundelein | ENG - Shallow Excavations | Very limited | 1.00 |
| 6 | 442 | Mundelein silt loam | Mundelein | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | Swygert | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | Swygert | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | Swygert | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | Swygert | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 91A | Swygert silty clay loam, 0 to 2 percent slopes | Swygert | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | Swygert | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | Swygert | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | Swygert | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | Swygert | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 91B | Swygert silty clay loam, 2 to 4 percent slopes | Swygert | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | Swygert | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | Swygert | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | Swygert | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | Swygert | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 91C2 | Swygert silty clay loam, 3 to 7 percent slopes, eroded | Swygert | ENG - Small Commercial Buildings | Very limited | 1.00 |
| 7 | 235 | Bryce silty clay | Bryce | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 235 | Bryce silty clay | Bryce | ENG - Dwellings W/O Basements | Very limited | 1.00 |
| 7 | 235 | Bryce silty clay | Bryce | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 235 | Bryce silty clay | Bryce | ENG - Small Commercial Buildings | Very limited | 1.00 |

| group or soil asso- ciation | map unit symbol | map unit name | soil component name | interpretation | interpreta- tion rating class | numerical interpre- tation rating class |
|--------------------------------------|-----------------------|--|---------------------------|-------------------------------------|-------------------------------------|---|
| 7 | 235 | Bryce silty clay | Bryce | ENG - Lawn, Landscape, Golf Fairway | Very limited | 1.00 |
| 7 | 235 | Bryce silty clay | Bryce | ENG - Sewage Lagoons | Very limited | 1.00 |
| 7 | 235 | Bryce silty clay | Bryce | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | Martinton | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | Martinton | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | Martinton | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 189A | Martinton silt loam, 0 to 2 percent slopes | Martinton | ENG - Sewage Lagoons | Very limited | 1.00 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | Martinton | ENG - Shallow Excavations | Very limited | 1.00 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | Martinton | ENG - Dwellings With Basements | Very limited | 1.00 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | Martinton | ENG - Sewage Lagoons | Very limited | 1.00 |
| 7 | 189B | Martinton silt loam, 2 to 4 percent slopes | Martinton | ENG - Septic Tank Absorption Fields | Very limited | 1.00 |

Relative Values(RV) for Soil Survey of Kendall County, Illinois Using the Land Evaluation (LE) part of the Land Evaluation and Site Assessment (LESA) **without adjustment for Cost of Conservation Practice**

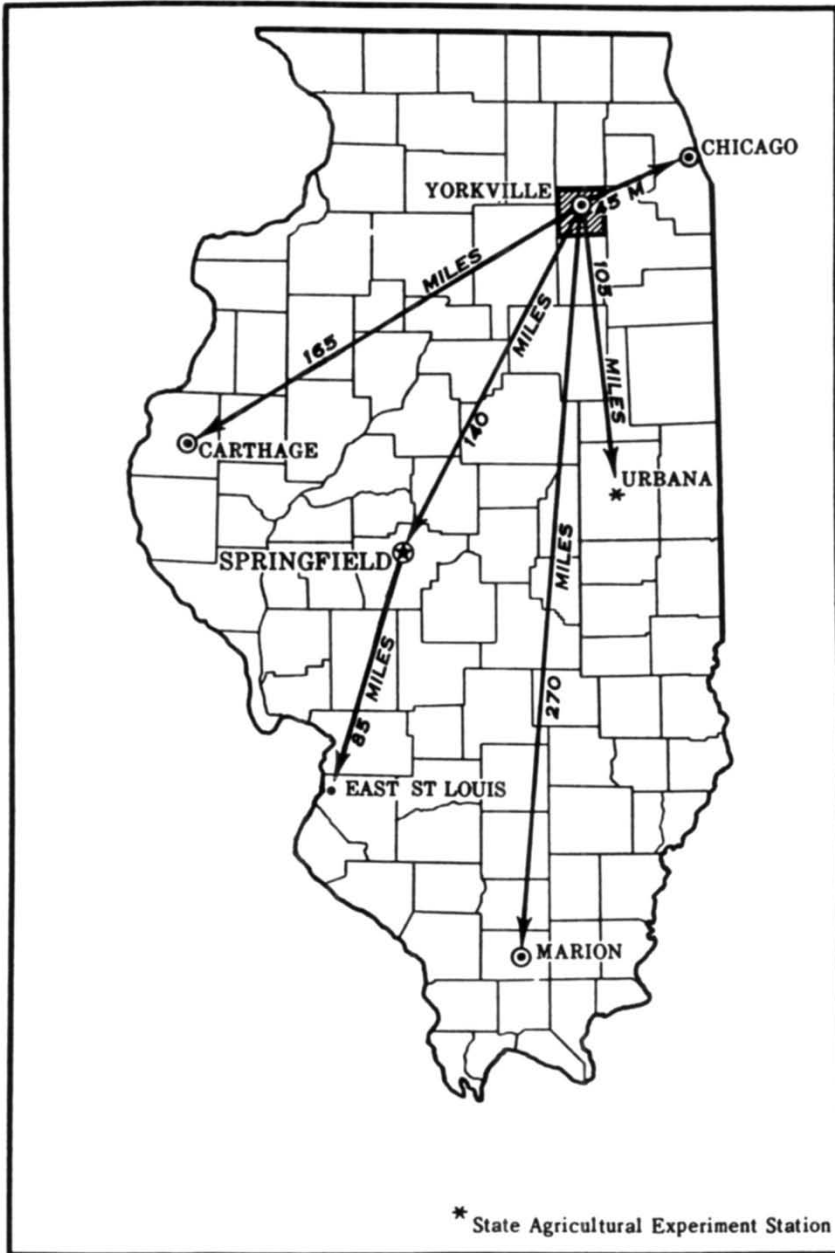


Figure 3. The town of Yorkville in Kendall County, Illinois.

Table 7a. List by Land Capability Class for Kendall County, Illinois (No Conservation Adjustment) – LESA Worksheet #1

NOTE: The soil map units shown are for the selected area. Unless modified with the edit function, the land capability (lc) is the dominant land capability of the soil components. The yield values shown are a weighted average calculated from the soil components.

| line no. | map syml | soil name | slope | lc | corn | | | acres | | |
|----------|----------|-------------------------|-------|----|------------|---------|-----|--------|--------|------|
| | | | | | nirr yield | prd ind | i f | number | pct | |
| 1 | 59 | lisbon silt loam | 0- | 2 | 1 | 173 | 97 | 1 | 9,270 | 4.5 |
| 2 | 199A | plano silt loam | 0- | 2 | 1 | 175 | 98 | 1 | 8,960 | 4.3 |
| 3 | 442 | mundelein silt loam | 0- | 2 | 1 | 169 | 95 | 1 | 7,620 | 3.7 |
| 4 | 149 | brenton silt loam | 0- | 2 | 1 | 176 | 99 | 1 | 7,100 | 3.4 |
| 5 | 198 | elburn silt loam | 0- | 2 | 1 | 178 | 100 | 1 | 6,820 | 3.3 |
| 6 | 369A | waupacan silt loam | 0- | 2 | 1 | 170 | 96 | 1 | 6,230 | 3.0 |
| 7 | 145A | saybrook silt loam | 0- | 2 | 1 | 162 | 91 | 1 | 3,150 | 1.5 |
| 8 | 148A | proctor silt loam | 0- | 2 | 1 | 166 | 93 | 1 | 2,270 | 1.1 |
| 9 | 240A | plattville silt loam | 0- | 2 | 1 | 145 | 81 | 1 | 1,820 | 0.9 |
| 10 | 443A | barrington silt loam | 0- | 2 | 1 | 158 | 89 | 1 | 1,600 | 0.8 |
| 11 | 243A | st. charles silt loam | 0- | 2 | 1 | 151 | 85 | 1 | 1,340 | 0.6 |
| 12 | 791A | rush silt loam | 0- | 2 | 1 | 159 | 89 | 1 | 1,290 | 0.6 |
| 13 | 105A | batavia silt loam | 0- | 2 | 1 | 159 | 89 | 1 | 840 | 0.4 |
| 14 | 24A | dodge silt loam | 0- | 2 | 1 | 150 | 84 | 1 | 830 | 0.4 |
| 15 | 219 | millbrook silt loam | 0- | 2 | 1 | 159 | 89 | 2 | 780 | 0.4 |
| 16 | 104 | virgil silt loam | 0- | 2 | 1 | 164 | 92 | 2 | 380 | 0.2 |
| 17 | R149 | brenton silt loam | 0- | 2 | 1 | 162 | 91 | 1 | 170 | 0.1 |
| 18 | 145B | saybrook silt loam | 2- | 4 | 2e | 160 | 90 | 1 | 19,930 | 9.7 |
| 19 | 60C2 | la rose silt loam | 4- | 7 | 2e | 134 | 75 | 1 | 5,700 | 2.8 |
| 20 | 145C2 | saybrook silt loam | 4- | 7 | 2e | 152 | 85 | 1 | 4,330 | 2.1 |
| 21 | 325B | dresden silt loam | 2- | 4 | 2e | 141 | 79 | 1 | 2,900 | 1.4 |
| 22 | 145B2 | saybrook silt loam | 2- | 4 | 2e | 154 | 87 | 1 | 2,760 | 1.3 |
| 23 | 148B | proctor silt loam | 2- | 4 | 2e | 164 | 92 | 1 | 2,200 | 1.1 |
| 24 | 24B | dodge silt loam | 2- | 4 | 2e | 149 | 84 | 1 | 2,110 | 1.0 |
| 25 | 224C2 | strawn silt loam | 4- | 7 | 2e | 119 | 67 | S | 1,700 | 0.8 |
| 26 | 199B | plano silt loam | 2- | 4 | 2e | 173 | 97 | 1 | 1,640 | 0.8 |
| 27 | 443B | barrington silt loam | 2- | 4 | 2e | 156 | 88 | 1 | 1,310 | 0.6 |
| 28 | 91B | swygert silty clay loam | 2- | 4 | 2e | 142 | 80 | 1 | 1,220 | 0.6 |
| 29 | 327B | fox silt loam | 1- | 4 | 2e | 133 | 75 | 1 | 1,120 | 0.5 |
| 30 | 327C2 | fox silt loam | 4- | 7 | 2e | 126 | 71 | 1 | 920 | 0.4 |
| 31 | 134B | camden silt loam | 1- | 4 | 2e | 148 | 83 | 1 | 900 | 0.4 |
| 32 | 243B | st. charles silt loam | 2- | 4 | 2e | 149 | 84 | 1 | 890 | 0.4 |
| 33 | 189B | martinton silt loam | 2- | 4 | 2e | 154 | 87 | 1 | 760 | 0.4 |
| 34 | CF | cut and fill land | 1- | 6 | 2e | 93 | 52 | 0 | 640 | 0.3 |
| 35 | 443C2 | barrington silt loam | 4- | 7 | 2e | 149 | 84 | 1 | 620 | 0.3 |
| 36 | 60B2 | la rose silt loam | 2- | 4 | 2e | 136 | 76 | 1 | 620 | 0.3 |
| 37 | 224C | strawn silt loam | 4- | 7 | 2e | 124 | 70 | S | 570 | 0.3 |
| 38 | 134C2 | camden silt loam | 4- | 7 | 2e | 140 | 79 | S | 560 | 0.3 |
| 39 | 791B | rush silt loam | 2- | 4 | 2e | 157 | 88 | 1 | 550 | 0.3 |
| 40 | 240B | plattville silt loam | 2- | 4 | 2e | 144 | 81 | 1 | 540 | 0.3 |
| 41 | 24C2 | dodge silt loam | 4- | 7 | 2e | 141 | 79 | S | 500 | 0.2 |
| 42 | 369B | waupacan silt loam | 2- | 4 | 2e | 168 | 94 | 1 | 400 | 0.2 |
| 43 | 105B | batavia silt loam | 2- | 4 | 2e | 157 | 88 | 1 | 390 | 0.2 |
| 44 | 324B | ripon silt loam | 1- | 4 | 2e | 134 | 75 | 1 | 350 | 0.2 |
| 45 | 148C2 | proctor silt loam | 4- | 7 | 2e | 156 | 88 | 1 | 280 | 0.1 |
| 46 | 243C2 | st. charles silt loam | 4- | 7 | 2e | 142 | 80 | S | 240 | 0.1 |
| 47 | 199C2 | plano silt loam | 4- | 7 | 2e | 165 | 93 | 1 | 230 | 0.1 |
| 48 | 223B | varna silt loam | 1- | 4 | 2e | 141 | 79 | 1 | 200 | 0.1 |
| 49 | 324C2 | ripon silt loam | 4- | 7 | 2e | 127 | 71 | 1 | 100 | 0.0 |
| 50 | 325A | dresden silt loam | 0- | 2 | 2s | 142 | 80 | 1 | 1,630 | 0.8 |
| 51 | 304 | landes fine sandy loam | 0- | 2 | 2s | 121 | 68 | 1 | 480 | 0.2 |
| 52 | 152 | drummer silty clay loam | 0- | 2 | 2w | 175 | 98 | 2 | 36,605 | 17.8 |

| | | | | | | | | |
|----|-------|--------------------------|----------|-----|----|---|-------|-----|
| 53 | 235 | bryce silty clay | 0- 2 2w | 146 | 82 | 2 | 8,540 | 4.1 |
| 54 | 91A | swygert silty clay loam | 0- 2 2w | 143 | 80 | 1 | 7,380 | 3.6 |
| 55 | 189A | martinton silt loam | 0- 2 2w | 156 | 88 | 1 | 4,140 | 2.0 |
| 56 | 69 | milford silty clay loam | 0- 2 2w | 154 | 87 | 2 | 4,130 | 2.0 |
| 57 | 330 | peotone silty clay loam | 0- 2 2w | 148 | 83 | 2 | 2,030 | 1.0 |
| 58 | 82 | millington silt loam | 0- 2 2w | 139 | 78 | 5 | 1,970 | 1.0 |
| 59 | 321 | du page loam | 0- 2 2w | 153 | 86 | 1 | 1,350 | 0.7 |
| 60 | 67 | harpster silty clay loam | 0- 2 2w | 164 | 92 | 2 | 1,050 | 0.5 |
| 61 | 206 | thorp silt loam | 0- 2 2w | 153 | 86 | 2 | 910 | 0.4 |
| 62 | 192 | del rey silt loam | 0- 2 2w | 136 | 76 | 2 | 580 | 0.3 |
| 63 | 191 | knight silt loam | 0- 2 2w | 146 | 82 | 2 | 380 | 0.2 |
| 64 | 242 | kendall silt loam | 0- 2 2w | 155 | 87 | 2 | 360 | 0.2 |
| 65 | R69 | milford silty clay loam | 0- 2 2w | 142 | 80 | 2 | 320 | 0.2 |
| 66 | 60C3 | la rose soils | 4- 7 3e | 124 | 70 | S | 1,780 | 0.9 |
| 67 | 224D2 | strawn silt loam | 7-15 3e | 114 | 64 | S | 1,260 | 0.6 |
| 68 | 223C2 | varna silt loam | 4- 7 3e | 133 | 75 | 1 | 360 | 0.2 |
| 69 | 91C2 | swygert silty clay loam | 3- 7 3e | 132 | 74 | 1 | 360 | 0.2 |
| 70 | 224C3 | strawn soils | 4- 7 3e | 110 | 62 | S | 250 | 0.1 |
| 71 | 134D2 | camden silt loam | 7-12 3e | 136 | 76 | S | 240 | 0.1 |
| 72 | 228B | nappanee silt loam | 2- 4 3e | 103 | 58 | 1 | 140 | 0.1 |
| 73 | 318C | lorenzo loam | 4- 7 3s | 126 | 71 | S | 440 | 0.2 |
| 74 | 107 | sawmill silty clay loam | 0- 2 3w | 153 | 86 | 5 | 2,810 | 1.4 |
| 75 | 103 | houghton muck | 0- 2 3w | 158 | 89 | S | 680 | 0.3 |
| 76 | 210 | lena muck | 0- 2 3w | 154 | 87 | S | 330 | 0.2 |
| 77 | 228A | nappanee silt loam | 0- 2 3w | 104 | 58 | 2 | 250 | 0.1 |
| 78 | 60D3 | la rose soils | 7-12 4e | 120 | 67 | S | 1,600 | 0.8 |
| 79 | 224D3 | strawn soils | 7-12 4e | 107 | 60 | 0 | 740 | 0.4 |
| 80 | 318D2 | lorenzoloam | 7-18 4e | 108 | 61 | S | 540 | 0.3 |
| 81 | 223D3 | varna soils | 7-15 4e | 116 | 65 | S | 150 | 0.1 |
| 82 | 88C | sparta loamy fine sand | 3-10 4s | 115 | 65 | S | 90 | 0.0 |
| 83 | 25F | hennepin silt loam | 15-30 6e | | 0 | 0 | 1,120 | 0.5 |
| 84 | 224F | strawn silt loam | 15-30 6e | | 0 | 0 | 200 | 0.1 |
| 85 | 318F | lorenzo loam | 18-40 7e | | 0 | 0 | 1,010 | 0.5 |
| 86 | 25G | hennepin silt loam | 30-45 7e | | 0 | 0 | 380 | 0.2 |
| 87 | W | water | 0- 0 8 | | 0 | 0 | 1,200 | 0.6 |
| 88 | GP | gravel pits | 0- 0 8 | | 0 | 0 | 660 | 0.3 |
| 89 | QU | quarries | 0- 0 8 | | 0 | 0 | 120 | 0.1 |

206,215

Table 7b. List by Map Unit Name for Kendall County, Illinois
(No Conservation Adjustment – LESA Worksheet #1)

NOTE: The soil map units shown are for the selected area. Unless modified with the edit function, the land capability (lc) is the dominant land capability of the soil components. The yield values shown are a weighted average calculated from the soil components.

| line no. | map symb1 | soil name | slope | lc | corn | | acres | |
|----------|-----------|----------------------|-------|----|------------|---------|--------|-----|
| | | | | | nirr yield | prd ind | number | pct |
| 1 | 443A | barrington silt loam | 0- 2 | 1 | 158 | 89 1 | 1,600 | 0.8 |
| 2 | 443B | barrington silt loam | 2- 4 | 2e | 156 | 88 1 | 1,310 | 0.6 |
| 3 | 443C2 | barrington silt loam | 4- 7 | 2e | 149 | 84 1 | 620 | 0.3 |
| 4 | 105A | batavia silt loam | 0- 2 | 1 | 159 | 89 1 | 840 | 0.4 |
| 5 | 105B | batavia silt loam | 2- 4 | 2e | 157 | 88 1 | 390 | 0.2 |
| 6 | 149 | brenton silt loam | 0- 2 | 1 | 176 | 99 1 | 7,100 | 3.4 |
| 7 | R149 | brenton silt loam | 0- 2 | 1 | 162 | 91 1 | 170 | 0.1 |
| 8 | 235 | bryce silty clay | 0- 2 | 2w | 146 | 82 2 | 8,540 | 4.1 |
| 9 | 134B | camden silt loam | 1- 4 | 2e | 148 | 83 1 | 900 | 0.4 |
| 10 | 134C2 | camden silt loam | 4- 7 | 2e | 140 | 79 S | 560 | 0.3 |
| 11 | 134D2 | camden silt loam | 7-12 | 3e | 136 | 76 S | 240 | 0.1 |

| | | | | | | | | |
|----|-------|--------------------------|----------|-----|-----|---|--------|------|
| 12 | CF | cut and fill land | 1- 6 2e | 93 | 52 | 0 | 640 | 0.3 |
| 13 | 192 | del rey silt loam | 0- 2 2w | 136 | 76 | 2 | 580 | 0.3 |
| 14 | 24A | dodge silt loam | 0- 2 1 | 150 | 84 | 1 | 830 | 0.4 |
| 15 | 24B | dodge silt loam | 2- 4 2e | 149 | 84 | 1 | 2,110 | 1.0 |
| 16 | 24C2 | dodge silt loam | 4- 7 2e | 141 | 79 | S | 500 | 0.2 |
| 17 | 325A | dresden silt loam | 0- 2 2s | 142 | 80 | 1 | 1,630 | 0.8 |
| 18 | 325B | dresden silt loam | 2- 4 2e | 141 | 79 | 1 | 2,900 | 1.4 |
| 19 | 152 | drummer silty clay loam | 0- 2 2w | 175 | 98 | 2 | 36,605 | 17.8 |
| 20 | 321 | du page loam | 0- 2 2w | 153 | 86 | 1 | 1,350 | 0.7 |
| 21 | 198 | elburn silt loam | 0- 2 1 | 178 | 100 | 1 | 6,820 | 3.3 |
| 22 | 327B | fox silt loam | 1- 4 2e | 133 | 75 | 1 | 1,120 | 0.5 |
| 23 | 327C2 | fox silt loam | 4- 7 2e | 126 | 71 | 1 | 920 | 0.4 |
| 24 | GP | gravel pits | 0- 0 8 | | 0 | 0 | 660 | 0.3 |
| 25 | 67 | harpster silty clay loam | 0- 2 2w | 164 | 92 | 2 | 1,050 | 0.5 |
| 26 | 25F | hennepin silt loam | 15-30 6e | | 0 | 0 | 1,120 | 0.5 |
| 27 | 25G | hennepin silt loam | 30-45 7e | | 0 | 0 | 380 | 0.2 |
| 28 | 103 | houghton muck | 0- 2 3w | 158 | 89 | S | 680 | 0.3 |
| 29 | 242 | kendall silt loam | 0- 2 2w | 155 | 87 | 2 | 360 | 0.2 |
| 30 | 191 | knight silt loam | 0- 2 2w | 146 | 82 | 2 | 380 | 0.2 |
| 31 | 60B2 | la rose silt loam | 2- 4 2e | 136 | 76 | 1 | 620 | 0.3 |
| 32 | 60C2 | la rose silt loam | 4- 7 2e | 134 | 75 | 1 | 5,700 | 2.8 |
| 33 | 60C3 | la rose soils | 4- 7 3e | 124 | 70 | S | 1,780 | 0.9 |
| 34 | 60D3 | la rose soils | 7-12 4e | 120 | 67 | S | 1,600 | 0.8 |
| 35 | 304 | landes fine sandy loam | 0- 2 2s | 121 | 68 | 1 | 480 | 0.2 |
| 36 | 210 | lena muck | 0- 2 3w | 154 | 87 | S | 330 | 0.2 |
| 37 | 59 | lisbon silt loam | 0- 2 1 | 173 | 97 | 1 | 9,270 | 4.5 |
| 38 | 318C | lorenzo loam | 4- 7 3s | 126 | 71 | S | 440 | 0.2 |
| 39 | 318F | lorenzo loam | 18-40 7e | | 0 | 0 | 1,010 | 0.5 |
| 40 | 318D2 | lorenzoloam | 7-18 4e | 108 | 61 | S | 540 | 0.3 |
| 41 | 189A | martinton silt loam | 0- 2 2w | 156 | 88 | 1 | 4,140 | 2.0 |
| 42 | 189B | martinton silt loam | 2- 4 2e | 154 | 87 | 1 | 760 | 0.4 |
| 43 | 69 | milford silty clay loam | 0- 2 2w | 154 | 87 | 2 | 4,130 | 2.0 |
| 44 | R69 | milford silty clay loam | 0- 2 2w | 142 | 80 | 2 | 320 | 0.2 |
| 45 | 219 | millbrook silt loam | 0- 2 1 | 159 | 89 | 2 | 780 | 0.4 |
| 46 | 82 | millington silt loam | 0- 2 2w | 139 | 78 | 5 | 1,970 | 1.0 |
| 47 | 442 | mundelein silt loam | 0- 2 1 | 169 | 95 | 1 | 7,620 | 3.7 |
| 48 | 228A | nappanee silt loam | 0- 2 3w | 104 | 58 | 2 | 250 | 0.1 |
| 49 | 228B | nappanee silt loam | 2- 4 3e | 103 | 58 | 1 | 140 | 0.1 |
| 50 | 330 | peotone silty clay loam | 0- 2 2w | 148 | 83 | 2 | 2,030 | 1.0 |
| 51 | 199A | plano silt loam | 0- 2 1 | 175 | 98 | 1 | 8,960 | 4.3 |
| 52 | 199B | plano silt loam | 2- 4 2e | 173 | 97 | 1 | 1,640 | 0.8 |
| 53 | 199C2 | plano silt loam | 4- 7 2e | 165 | 93 | 1 | 230 | 0.1 |
| 54 | 240A | plattville silt loam | 0- 2 1 | 145 | 81 | 1 | 1,820 | 0.9 |
| 55 | 240B | plattville silt loam | 2- 4 2e | 144 | 81 | 1 | 540 | 0.3 |
| 56 | 148A | proctor silt loam | 0- 2 1 | 166 | 93 | 1 | 2,270 | 1.1 |
| 57 | 148B | proctor silt loam | 2- 4 2e | 164 | 92 | 1 | 2,200 | 1.1 |
| 58 | 148C2 | proctor silt loam | 4- 7 2e | 156 | 88 | 1 | 280 | 0.1 |
| 59 | QU | quarries | 0- 0 8 | | 0 | 0 | 120 | 0.1 |
| 60 | 324B | ripon silt loam | 1- 4 2e | 134 | 75 | 1 | 350 | 0.2 |
| 61 | 324C2 | ripon silt loam | 4- 7 2e | 127 | 71 | 1 | 100 | 0.0 |
| 62 | 791A | rush silt loam | 0- 2 1 | 159 | 89 | 1 | 1,290 | 0.6 |
| 63 | 791B | rush silt loam | 2- 4 2e | 157 | 88 | 1 | 550 | 0.3 |
| 64 | 107 | sawmill silty clay loam | 0- 2 3w | 153 | 86 | 5 | 2,810 | 1.4 |
| 65 | 145A | saybrook silt loam | 0- 2 1 | 162 | 91 | 1 | 3,150 | 1.5 |
| 66 | 145B | saybrook silt loam | 2- 4 2e | 160 | 90 | 1 | 19,930 | 9.7 |
| 67 | 145B2 | saybrook silt loam | 2- 4 2e | 154 | 87 | 1 | 2,760 | 1.3 |
| 68 | 145C2 | saybrook silt loam | 4- 7 2e | 152 | 85 | 1 | 4,330 | 2.1 |
| 69 | 88C | sparta loamy fine sand | 3-10 4s | 115 | 65 | S | 90 | 0.0 |
| 70 | 243A | st. charles silt loam | 0- 2 1 | 151 | 85 | 1 | 1,340 | 0.6 |
| 71 | 243B | st. charles silt loam | 2- 4 2e | 149 | 84 | 1 | 890 | 0.4 |
| 72 | 243C2 | st. charles silt loam | 4- 7 2e | 142 | 80 | S | 240 | 0.1 |
| 73 | 224C | strawn silt loam | 4- 7 2e | 124 | 70 | S | 570 | 0.3 |
| 74 | 224C2 | strawn silt loam | 4- 7 2e | 119 | 67 | S | 1,700 | 0.8 |

| | | | | | | | | | |
|----|-------|-------------------------|-------|----|-----|----|---|-------|-----|
| 75 | 224D2 | strawn silt loam | 7-15 | 3e | 114 | 64 | S | 1,260 | 0.6 |
| 76 | 224F | strawn silt loam | 15-30 | 6e | | 0 | 0 | 200 | 0.1 |
| 77 | 224C3 | strawn soils | 4- 7 | 3e | 110 | 62 | S | 250 | 0.1 |
| 78 | 224D3 | strawn soils | 7-12 | 4e | 107 | 60 | 0 | 740 | 0.4 |
| 79 | 91A | swygert silty clay loam | 0- 2 | 2w | 143 | 80 | 1 | 7,380 | 3.6 |
| 80 | 91B | swygert silty clay loam | 2- 4 | 2e | 142 | 80 | 1 | 1,220 | 0.6 |
| 81 | 91C2 | swygert silty clay loam | 3- 7 | 3e | 132 | 74 | 1 | 360 | 0.2 |
| 82 | 206 | thorp silt loam | 0- 2 | 2w | 153 | 86 | 2 | 910 | 0.4 |
| 83 | 223B | varna silt loam | 1- 4 | 2e | 141 | 79 | 1 | 200 | 0.1 |
| 84 | 223C2 | varna silt loam | 4- 7 | 3e | 133 | 75 | 1 | 360 | 0.2 |
| 85 | 223D3 | varna soils | 7-15 | 4e | 116 | 65 | S | 150 | 0.1 |
| 86 | 104 | virgil silt loam | 0- 2 | 1 | 164 | 92 | 2 | 380 | 0.2 |
| 87 | W | water | 0- 0 | 8 | | 0 | 0 | 1,200 | 0.6 |
| 88 | 369A | waupecan silt loam | 0- 2 | 1 | 170 | 96 | 1 | 6,230 | 3.0 |
| 89 | 369B | waupecan silt loam | 2- 4 | 2e | 168 | 94 | 1 | 400 | 0.2 |

206,215

**Table 7c. List by Productivity Index for Kendall County, Illinois
(No Conservation Adjustment) - LESA Worksheet #1**

NOTE: The soil map units shown are for the selected area. Unless modified with the edit function, the land capability (lc) is the dominant land capability of the soil components. The yield values shown are a weighted average calculated from the soil components.

| line no. | map symb1 | soil name | slope | corn nirr lc | prd yield | i ind | f | acres | |
|----------|-----------|--------------------------|-------|--------------------|--------------|----------|---|--------|------|
| | | | | | | | | number | pct |
| 1 | 198 | elburn silt loam | 0- 2 | 1 | 178 | 100 | 1 | 6,820 | 3.3 |
| 2 | 149 | brenton silt loam | 0- 2 | 1 | 176 | 99 | 1 | 7,100 | 3.4 |
| 3 | 199A | plano silt loam | 0- 2 | 1 | 175 | 98 | 1 | 8,960 | 4.3 |
| 4 | 152 | drummer silty clay loam | 0- 2 | 2w | 175 | 98 | 2 | 36,605 | 17.8 |
| 5 | 59 | lisbon silt loam | 0- 2 | 1 | 173 | 97 | 1 | 9,270 | 4.5 |
| 6 | 199B | plano silt loam | 2- 4 | 2e | 173 | 97 | 1 | 1,640 | 0.8 |
| 7 | 369A | waupecan silt loam | 0- 2 | 1 | 170 | 96 | 1 | 6,230 | 3.0 |
| 8 | 442 | mundelein silt loam | 0- 2 | 1 | 169 | 95 | 1 | 7,620 | 3.7 |
| 9 | 369B | waupecan silt loam | 2- 4 | 2e | 168 | 94 | 1 | 400 | 0.2 |
| 10 | 148A | proctor silt loam | 0- 2 | 1 | 166 | 93 | 1 | 2,270 | 1.1 |
| 11 | 199C2 | plano silt loam | 4- 7 | 2e | 165 | 93 | 1 | 230 | 0.1 |
| 12 | 104 | virgil silt loam | 0- 2 | 1 | 164 | 92 | 2 | 380 | 0.2 |
| 13 | 148B | proctor silt loam | 2- 4 | 2e | 164 | 92 | 1 | 2,200 | 1.1 |
| 14 | 67 | harpster silty clay loam | 0- 2 | 2w | 164 | 92 | 2 | 1,050 | 0.5 |
| 15 | 145A | saybrook silt loam | 0- 2 | 1 | 162 | 91 | 1 | 3,150 | 1.5 |
| 16 | R149 | brenton silt loam | 0- 2 | 1 | 162 | 91 | 1 | 170 | 0.1 |
| 17 | 145B | saybrook silt loam | 2- 4 | 2e | 160 | 90 | 1 | 19,930 | 9.7 |
| 18 | 791A | rush silt loam | 0- 2 | 1 | 159 | 89 | 1 | 1,290 | 0.6 |
| 19 | 105A | batavia silt loam | 0- 2 | 1 | 159 | 89 | 1 | 840 | 0.4 |
| 20 | 219 | millbrook silt loam | 0- 2 | 1 | 159 | 89 | 2 | 780 | 0.4 |
| 21 | 443A | barrington silt loam | 0- 2 | 1 | 158 | 89 | 1 | 1,600 | 0.8 |
| 22 | 103 | houghton muck | 0- 2 | 3w | 158 | 89 | S | 680 | 0.3 |
| 23 | 791B | rush silt loam | 2- 4 | 2e | 157 | 88 | 1 | 550 | 0.3 |
| 24 | 105B | batavia silt loam | 2- 4 | 2e | 157 | 88 | 1 | 390 | 0.2 |
| 25 | 443B | barrington silt loam | 2- 4 | 2e | 156 | 88 | 1 | 1,310 | 0.6 |
| 26 | 148C2 | proctor silt loam | 4- 7 | 2e | 156 | 88 | 1 | 280 | 0.1 |
| 27 | 189A | martinton silt loam | 0- 2 | 2w | 156 | 88 | 1 | 4,140 | 2.0 |
| 28 | 242 | kendall silt loam | 0- 2 | 2w | 155 | 87 | 2 | 360 | 0.2 |
| 29 | 145B2 | saybrook silt loam | 2- 4 | 2e | 154 | 87 | 1 | 2,760 | 1.3 |
| 30 | 189B | martinton silt loam | 2- 4 | 2e | 154 | 87 | 1 | 760 | 0.4 |
| 31 | 69 | milford silty clay loam | 0- 2 | 2w | 154 | 87 | 2 | 4,130 | 2.0 |
| 32 | 210 | lena muck | 0- 2 | 3w | 154 | 87 | S | 330 | 0.2 |
| 33 | 321 | du page loam | 0- 2 | 2w | 153 | 86 | 1 | 1,350 | 0.7 |

| | | | | | | | | |
|----|-------|-------------------------|----------|-----|----|---|-------|-----|
| 34 | 206 | thorp silt loam | 0- 2 2w | 153 | 86 | 2 | 910 | 0.4 |
| 35 | 107 | sawmill silty clay loam | 0- 2 3w | 153 | 86 | 5 | 2,810 | 1.4 |
| 36 | 145C2 | saybrook silt loam | 4- 7 2e | 152 | 85 | 1 | 4,330 | 2.1 |
| 37 | 243A | st. charles silt loam | 0- 2 1 | 151 | 85 | 1 | 1,340 | 0.6 |
| 38 | 24A | dodge silt loam | 0- 2 1 | 150 | 84 | 1 | 830 | 0.4 |
| 39 | 24B | dodge silt loam | 2- 4 2e | 149 | 84 | 1 | 2,110 | 1.0 |
| 40 | 243B | st. charles silt loam | 2- 4 2e | 149 | 84 | 1 | 890 | 0.4 |
| 41 | 443C2 | barrington silt loam | 4- 7 2e | 149 | 84 | 1 | 620 | 0.3 |
| 42 | 134B | camden silt loam | 1- 4 2e | 148 | 83 | 1 | 900 | 0.4 |
| 43 | 330 | peotone silty clay loam | 0- 2 2w | 148 | 83 | 2 | 2,030 | 1.0 |
| 44 | 235 | bryce silty clay | 0- 2 2w | 146 | 82 | 2 | 8,540 | 4.1 |
| 45 | 191 | knight silt loam | 0- 2 2w | 146 | 82 | 2 | 380 | 0.2 |
| 46 | 240A | plattville silt loam | 0- 2 1 | 145 | 81 | 1 | 1,820 | 0.9 |
| 47 | 240B | plattville silt loam | 2- 4 2e | 144 | 81 | 1 | 540 | 0.3 |
| 48 | 91A | swygert silty clay loam | 0- 2 2w | 143 | 80 | 1 | 7,380 | 3.6 |
| 49 | 91B | swygert silty clay loam | 2- 4 2e | 142 | 80 | 1 | 1,220 | 0.6 |
| 50 | 243C2 | st. charles silt loam | 4- 7 2e | 142 | 80 | S | 240 | 0.1 |
| 51 | 325A | dresden silt loam | 0- 2 2s | 142 | 80 | 1 | 1,630 | 0.8 |
| 52 | R69 | milford silty clay loam | 0- 2 2w | 142 | 80 | 2 | 320 | 0.2 |
| 53 | 325B | dresden silt loam | 2- 4 2e | 141 | 79 | 1 | 2,900 | 1.4 |
| 54 | 24C2 | dodge silt loam | 4- 7 2e | 141 | 79 | S | 500 | 0.2 |
| 55 | 223B | varna silt loam | 1- 4 2e | 141 | 79 | 1 | 200 | 0.1 |
| 56 | 134C2 | camden silt loam | 4- 7 2e | 140 | 79 | S | 560 | 0.3 |
| 57 | 82 | millington silt loam | 0- 2 2w | 139 | 78 | 5 | 1,970 | 1.0 |
| 58 | 60B2 | la rose silt loam | 2- 4 2e | 136 | 76 | 1 | 620 | 0.3 |
| 59 | 192 | del rey silt loam | 0- 2 2w | 136 | 76 | 2 | 580 | 0.3 |
| 60 | 134D2 | camden silt loam | 7-12 3e | 136 | 76 | S | 240 | 0.1 |
| 61 | 60C2 | la rose silt loam | 4- 7 2e | 134 | 75 | 1 | 5,700 | 2.8 |
| 62 | 324B | ripon silt loam | 1- 4 2e | 134 | 75 | 1 | 350 | 0.2 |
| 63 | 327B | fox silt loam | 1- 4 2e | 133 | 75 | 1 | 1,120 | 0.5 |
| 64 | 223C2 | varna silt loam | 4- 7 3e | 133 | 75 | 1 | 360 | 0.2 |
| 65 | 91C2 | swygert silty clay loam | 3- 7 3e | 132 | 74 | 1 | 360 | 0.2 |
| 66 | 324C2 | ripon silt loam | 4- 7 2e | 127 | 71 | 1 | 100 | 0.0 |
| 67 | 327C2 | fox silt loam | 4- 7 2e | 126 | 71 | 1 | 920 | 0.4 |
| 68 | 318C | lorenzo loam | 4- 7 3s | 126 | 71 | S | 440 | 0.2 |
| 69 | 224C | strawn silt loam | 4- 7 2e | 124 | 70 | S | 570 | 0.3 |
| 70 | 60C3 | la rose soils | 4- 7 3e | 124 | 70 | S | 1,780 | 0.9 |
| 71 | 304 | landes fine sandy loam | 0- 2 2s | 121 | 68 | 1 | 480 | 0.2 |
| 72 | 60D3 | la rose soils | 7-12 4e | 120 | 67 | S | 1,600 | 0.8 |
| 73 | 224C2 | strawn silt loam | 4- 7 2e | 119 | 67 | S | 1,700 | 0.8 |
| 74 | 223D3 | varna soils | 7-15 4e | 116 | 65 | S | 150 | 0.1 |
| 75 | 88C | sparta loamy fine sand | 3-10 4s | 115 | 65 | S | 90 | 0.0 |
| 76 | 224D2 | strawn silt loam | 7-15 3e | 114 | 64 | S | 1,260 | 0.6 |
| 77 | 224C3 | strawn soils | 4- 7 3e | 110 | 62 | S | 250 | 0.1 |
| 78 | 318D2 | lorenzoloam | 7-18 4e | 108 | 61 | S | 540 | 0.3 |
| 79 | 224D3 | strawn soils | 7-12 4e | 107 | 60 | 0 | 740 | 0.4 |
| 80 | 228A | nappanee silt loam | 0- 2 3w | 104 | 58 | 2 | 250 | 0.1 |
| 81 | 228B | nappanee silt loam | 2- 4 3e | 103 | 58 | 1 | 140 | 0.1 |
| 82 | CF | cut and fill land | 1- 6 2e | 93 | 52 | 0 | 640 | 0.3 |
| 83 | 25F | hennepin silt loam | 15-30 6e | | 0 | 0 | 1,120 | 0.5 |
| 84 | 224F | strawn silt loam | 15-30 6e | | 0 | 0 | 200 | 0.1 |
| 85 | 318F | lorenzo loam | 18-40 7e | | 0 | 0 | 1,010 | 0.5 |
| 86 | 25G | hennepin silt loam | 30-45 7e | | 0 | 0 | 380 | 0.2 |
| 87 | W | water | 0- 0 8 | | 0 | 0 | 1,200 | 0.6 |
| 88 | GP | gravel pits | 0- 0 8 | | 0 | 0 | 660 | 0.3 |
| 89 | QU | quarries | 0- 0 8 | | 0 | 0 | 120 | 0.1 |

**Table 7d. List by Map Unit Symbol for Kendall County, Illinois
(No Conservation Adjustment) – LESA Worksheet #1**

NOTE: The soil map units shown are for the selected area. Unless modified with the edit function, the land capability (lc) is the dominant land capability of the soil components. The yield values shown are a weighted average calculated from the soil components.

| line no. | map syml | soil name | slope | lc | corn | | | acres | |
|----------|----------|--------------------------|-------|----|------------|---------|-----|--------|------|
| | | | | | nirr yield | prd ind | i f | number | pct |
| 1 | 24A | dodge silt loam | 0- 2 | 1 | 150 | 84 | 1 | 830 | 0.4 |
| 2 | 24B | dodge silt loam | 2- 4 | 2e | 149 | 84 | 1 | 2,110 | 1.0 |
| 3 | 24C2 | dodge silt loam | 4- 7 | 2e | 141 | 79 | S | 500 | 0.2 |
| 4 | 25F | hennepin silt loam | 15-30 | 6e | | 0 | 0 | 1,120 | 0.5 |
| 5 | 25G | hennepin silt loam | 30-45 | 7e | | 0 | 0 | 380 | 0.2 |
| 6 | 59 | lisbon silt loam | 0- 2 | 1 | 173 | 97 | 1 | 9,270 | 4.5 |
| 7 | 60B2 | la rose silt loam | 2- 4 | 2e | 136 | 76 | 1 | 620 | 0.3 |
| 8 | 60C2 | la rose silt loam | 4- 7 | 2e | 134 | 75 | 1 | 5,700 | 2.8 |
| 9 | 60C3 | la rose soils | 4- 7 | 3e | 124 | 70 | S | 1,780 | 0.9 |
| 10 | 60D3 | la rose soils | 7-12 | 4e | 120 | 67 | S | 1,600 | 0.8 |
| 11 | 67 | harpster silty clay loam | 0- 2 | 2w | 164 | 92 | 2 | 1,050 | 0.5 |
| 12 | 69 | milford silty clay loam | 0- 2 | 2w | 154 | 87 | 2 | 4,130 | 2.0 |
| 13 | 82 | millington silt loam | 0- 2 | 2w | 139 | 78 | 5 | 1,970 | 1.0 |
| 14 | 88C | sparta loamy fine sand | 3-10 | 4s | 115 | 65 | S | 90 | 0.0 |
| 15 | 91A | swygert silty clay loam | 0- 2 | 2w | 143 | 80 | 1 | 7,380 | 3.6 |
| 16 | 91B | swygert silty clay loam | 2- 4 | 2e | 142 | 80 | 1 | 1,220 | 0.6 |
| 17 | 91C2 | swygert silty clay loam | 3- 7 | 3e | 132 | 74 | 1 | 360 | 0.2 |
| 18 | 103 | houghton muck | 0- 2 | 3w | 158 | 89 | S | 680 | 0.3 |
| 19 | 104 | virgil silt loam | 0- 2 | 1 | 164 | 92 | 2 | 380 | 0.2 |
| 20 | 105A | batavia silt loam | 0- 2 | 1 | 159 | 89 | 1 | 840 | 0.4 |
| 21 | 105B | batavia silt loam | 2- 4 | 2e | 157 | 88 | 1 | 390 | 0.2 |
| 22 | 107 | sawmill silty clay loam | 0- 2 | 3w | 153 | 86 | 5 | 2,810 | 1.4 |
| 23 | 134B | camden silt loam | 1- 4 | 2e | 148 | 83 | 1 | 900 | 0.4 |
| 24 | 134C2 | camden silt loam | 4- 7 | 2e | 140 | 79 | S | 560 | 0.3 |
| 25 | 134D2 | camden silt loam | 7-12 | 3e | 136 | 76 | S | 240 | 0.1 |
| 26 | 145A | saybrook silt loam | 0- 2 | 1 | 162 | 91 | 1 | 3,150 | 1.5 |
| 27 | 145B | saybrook silt loam | 2- 4 | 2e | 160 | 90 | 1 | 19,930 | 9.7 |
| 28 | 145B2 | saybrook silt loam | 2- 4 | 2e | 154 | 87 | 1 | 2,760 | 1.3 |
| 29 | 145C2 | saybrook silt loam | 4- 7 | 2e | 152 | 85 | 1 | 4,330 | 2.1 |
| 30 | 148A | proctor silt loam | 0- 2 | 1 | 166 | 93 | 1 | 2,270 | 1.1 |
| 31 | 148B | proctor silt loam | 2- 4 | 2e | 164 | 92 | 1 | 2,200 | 1.1 |
| 32 | 148C2 | proctor silt loam | 4- 7 | 2e | 156 | 88 | 1 | 280 | 0.1 |
| 33 | 149 | brenton silt loam | 0- 2 | 1 | 176 | 99 | 1 | 7,100 | 3.4 |
| 34 | 152 | drummer silty clay loam | 0- 2 | 2w | 175 | 98 | 2 | 36,605 | 17.8 |
| 35 | 189A | martinton silt loam | 0- 2 | 2w | 156 | 88 | 1 | 4,140 | 2.0 |
| 36 | 189B | martinton silt loam | 2- 4 | 2e | 154 | 87 | 1 | 760 | 0.4 |
| 37 | 191 | knight silt loam | 0- 2 | 2w | 146 | 82 | 2 | 380 | 0.2 |
| 38 | 192 | del rey silt loam | 0- 2 | 2w | 136 | 76 | 2 | 580 | 0.3 |
| 39 | 198 | elburn silt loam | 0- 2 | 1 | 178 | 100 | 1 | 6,820 | 3.3 |
| 40 | 199A | plano silt loam | 0- 2 | 1 | 175 | 98 | 1 | 8,960 | 4.3 |
| 41 | 199B | plano silt loam | 2- 4 | 2e | 173 | 97 | 1 | 1,640 | 0.8 |
| 42 | 199C2 | plano silt loam | 4- 7 | 2e | 165 | 93 | 1 | 230 | 0.1 |
| 43 | 206 | thorp silt loam | 0- 2 | 2w | 153 | 86 | 2 | 910 | 0.4 |
| 44 | 210 | lena muck | 0- 2 | 3w | 154 | 87 | S | 330 | 0.2 |
| 45 | 219 | millbrook silt loam | 0- 2 | 1 | 159 | 89 | 2 | 780 | 0.4 |
| 46 | 223B | varna silt loam | 1- 4 | 2e | 141 | 79 | 1 | 200 | 0.1 |
| 47 | 223C2 | varna silt loam | 4- 7 | 3e | 133 | 75 | 1 | 360 | 0.2 |
| 48 | 223D3 | varna soils | 7-15 | 4e | 116 | 65 | S | 150 | 0.1 |
| 49 | 224C | strawn silt loam | 4- 7 | 2e | 124 | 70 | S | 570 | 0.3 |
| 50 | 224C2 | strawn silt loam | 4- 7 | 2e | 119 | 67 | S | 1,700 | 0.8 |
| 51 | 224C3 | strawn soils | 4- 7 | 3e | 110 | 62 | S | 250 | 0.1 |
| 52 | 224D2 | strawn silt loam | 7-15 | 3e | 114 | 64 | S | 1,260 | 0.6 |

| | | | | | | | | | |
|----|-------|-------------------------|-------|----|-----|----|---|-------|-----|
| 53 | 224D3 | strawn soils | 7-12 | 4e | 107 | 60 | 0 | 740 | 0.4 |
| 54 | 224F | strawn silt loam | 15-30 | 6e | | 0 | 0 | 200 | 0.1 |
| 55 | 228A | nappanee silt loam | 0- 2 | 3w | 104 | 58 | 2 | 250 | 0.1 |
| 56 | 228B | nappanee silt loam | 2- 4 | 3e | 103 | 58 | 1 | 140 | 0.1 |
| 57 | 235 | bryce silty clay | 0- 2 | 2w | 146 | 82 | 2 | 8,540 | 4.1 |
| 58 | 240A | plattville silt loam | 0- 2 | 1 | 145 | 81 | 1 | 1,820 | 0.9 |
| 59 | 240B | plattville silt loam | 2- 4 | 2e | 144 | 81 | 1 | 540 | 0.3 |
| 60 | 242 | kendall silt loam | 0- 2 | 2w | 155 | 87 | 2 | 360 | 0.2 |
| 61 | 243A | st. charles silt loam | 0- 2 | 1 | 151 | 85 | 1 | 1,340 | 0.6 |
| 62 | 243B | st. charles silt loam | 2- 4 | 2e | 149 | 84 | 1 | 890 | 0.4 |
| 63 | 243C2 | st. charles silt loam | 4- 7 | 2e | 142 | 80 | S | 240 | 0.1 |
| 64 | 304 | landes fine sandy loam | 0- 2 | 2s | 121 | 68 | 1 | 480 | 0.2 |
| 65 | 318C | lorenzo loam | 4- 7 | 3s | 126 | 71 | S | 440 | 0.2 |
| 66 | 318D2 | lorenzoloam | 7-18 | 4e | 108 | 61 | S | 540 | 0.3 |
| 67 | 318F | lorenzo loam | 18-40 | 7e | | 0 | 0 | 1,010 | 0.5 |
| 68 | 321 | du page loam | 0- 2 | 2w | 153 | 86 | 1 | 1,350 | 0.7 |
| 69 | 324B | ripon silt loam | 1- 4 | 2e | 134 | 75 | 1 | 350 | 0.2 |
| 70 | 324C2 | ripon silt loam | 4- 7 | 2e | 127 | 71 | 1 | 100 | 0.0 |
| 71 | 325A | dresden silt loam | 0- 2 | 2s | 142 | 80 | 1 | 1,630 | 0.8 |
| 72 | 325B | dresden silt loam | 2- 4 | 2e | 141 | 79 | 1 | 2,900 | 1.4 |
| 73 | 327B | fox silt loam | 1- 4 | 2e | 133 | 75 | 1 | 1,120 | 0.5 |
| 74 | 327C2 | fox silt loam | 4- 7 | 2e | 126 | 71 | 1 | 920 | 0.4 |
| 75 | 330 | peotone silty clay loam | 0- 2 | 2w | 148 | 83 | 2 | 2,030 | 1.0 |
| 76 | 369A | waupecan silt loam | 0- 2 | 1 | 170 | 96 | 1 | 6,230 | 3.0 |
| 77 | 369B | waupecan silt loam | 2- 4 | 2e | 168 | 94 | 1 | 400 | 0.2 |
| 78 | 442 | mundelein silt loam | 0- 2 | 1 | 169 | 95 | 1 | 7,620 | 3.7 |
| 79 | 443A | barrington silt loam | 0- 2 | 1 | 158 | 89 | 1 | 1,600 | 0.8 |
| 80 | 443B | barrington silt loam | 2- 4 | 2e | 156 | 88 | 1 | 1,310 | 0.6 |
| 81 | 443C2 | barrington silt loam | 4- 7 | 2e | 149 | 84 | 1 | 620 | 0.3 |
| 82 | 791A | rush silt loam | 0- 2 | 1 | 159 | 89 | 1 | 1,290 | 0.6 |
| 83 | 791B | rush silt loam | 2- 4 | 2e | 157 | 88 | 1 | 550 | 0.3 |
| 84 | CF | cut and fill land | 1- 6 | 2e | 93 | 52 | 0 | 640 | 0.3 |
| 85 | GP | gravel pits | 0- 0 | 8 | | 0 | 0 | 660 | 0.3 |
| 86 | QU | quarries | 0- 0 | 8 | | 0 | 0 | 120 | 0.1 |
| 87 | R69 | milford silty clay loam | 0- 2 | 2w | 142 | 80 | 2 | 320 | 0.2 |
| 88 | R149 | brenton silt loam | 0- 2 | 1 | 162 | 91 | 1 | 170 | 0.1 |
| 89 | W | water | 0- 0 | 8 | | 0 | 0 | 1,200 | 0.6 |

206,215

Table 8. Grouping Data for Kendal County, Illinois
(No Conservation Adjustment)

| group number (1-15) | lcc (1-8) | Important Farmland (P,S,L, O,U) | low prod index (0-100) | high prod index (0-100) |
|---------------------------|--------------|--|---------------------------------|----------------------------------|
| 1 | 1 | P | 96 | 100 |
| 2 | 2w | P | 90 | 100 |
| 3 | 1 | P | 91 | 95 |
| 4 | 2e | P | 90 | 100 |
| 5 | 3w | S | 85 | 90 |
| 6 | 1 | P | 81 | 90 |
| 7 | 2w-3w | P | 85 | 89 |
| 8 | 2e | P | 81 | 89 |
| 9 | 2w-2s | P | 76 | 84 |
| 10 | 2e | P | 70 | 80 |
| 11 | 2s-4e | P | 55 | 75 |
| 12 | 2e-4s | S | 61 | 80 |
| 13 | 2e-4e | O | 50 | 60 |

| | | | | |
|----|-------|---|---|---|
| 14 | 6e-7e | 0 | 0 | 0 |
| 15 | 8 | 0 | 0 | 0 |

**Table 9. Groups – Kendall County, Illinois
(No Conservation Adjustment)**

Group Number 1

| map syml | lc | soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|-------------|----|------------|-------|------------|------------|--------|-----------------|------|------------------|------------|-------------------|
| 149 | 1 | brenton si | 0- 2 | 176 | 99 | 1 | 7,100 | 3.4 | 1,249,600 | 176 | 1,249,600 |
| 198 | 1 | elburn sil | 0- 2 | 178 | 100 | 1 | 6,820 | 3.3 | 1,213,960 | 178 | 1,213,960 |
| 59 | 1 | lisbon sil | 0- 2 | 173 | 97 | 1 | 9,270 | 4.5 | 1,603,710 | 173 | 1,603,710 |
| 199A | 1 | plano silt | 0- 2 | 175 | 98 | 1 | 8,960 | 4.3 | 1,568,000 | 175 | 1,568,000 |
| 369A | 1 | waupacan s | 0- 2 | 170 | 96 | 1 | 6,230 | 3.0 | 1,059,100 | 170 | 1,059,100 |
| TOTAL | | | | | | | 38,380 | 18.6 | 6,694,370 | | 6,694,370 |

Weighted Average Yield = 174.42 Adjusted Weighted Average Yield = 174.42

Group Number 2

| map syml | lc | soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|-------------|----|------------|-------|------------|------------|--------|-----------------|------|------------------|------------|-------------------|
| 152 | 2w | drummer si | 0- 2 | 175 | 98 | 2 | 36,605 | 17.8 | 6,405,875 | 175 | 6,405,875 |
| 67 | 2w | harpster s | 0- 2 | 164 | 92 | 2 | 1,050 | 0.5 | 172,200 | 164 | 172,200 |
| TOTAL | | | | | | | 37,655 | 18.3 | 6,578,075 | | 6,578,075 |

Weighted Average Yield = 174.69 Adjusted Weighted Average Yield = 174.69

Group Number 3

| map syml | lc | soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|-------------|----|------------|-------|------------|------------|--------|-----------------|-----|------------------|------------|-------------------|
| R149 | 1 | brenton si | 0- 2 | 162 | 91 | 1 | 170 | 0.1 | 27,540 | 162 | 27,540 |
| 442 | 1 | mundelein | 0- 2 | 169 | 95 | 1 | 7,620 | 3.7 | 1,287,780 | 169 | 1,287,780 |
| 148A | 1 | proctor si | 0- 2 | 166 | 93 | 1 | 2,270 | 1.1 | 376,820 | 166 | 376,820 |
| 145A | 1 | saybrook s | 0- 2 | 162 | 91 | 1 | 3,150 | 1.5 | 510,300 | 162 | 510,300 |
| 104 | 1 | virgil sil | 0- 2 | 164 | 92 | 2 | 380 | 0.2 | 62,320 | 164 | 62,320 |
| TOTAL | | | | | | | 13,590 | 6.6 | 2,264,760 | | 2,264,760 |

Weighted Average Yield = 166.65 Adjusted Weighted Average Yield = 166.65

Group Number 4

| map syml | lc | soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|-------------|----|------------|-------|------------|------------|--------|-----------------|-----|------------------|------------|-------------------|
| 199B | 2e | plano silt | 2- 4 | 173 | 97 | 1 | 1,640 | 0.8 | 283,720 | 173 | 283,720 |
| 199C2 | 2e | plano silt | 4- 7 | 165 | 93 | 1 | 230 | 0.1 | 37,950 | 165 | 37,950 |
| 148B | 2e | proctor si | 2- 4 | 164 | 92 | 1 | 2,200 | 1.1 | 360,800 | 164 | 360,800 |
| 145B | 2e | saybrook s | 2- 4 | 160 | 90 | 1 | 19,930 | 9.7 | 3,188,800 | 160 | 3,188,800 |

| | | | | | | | | | | |
|-------|---------------|------|-----|----|---|--------|------|-----------|-----|-----------|
| 369B | 2e waupecan s | 2- 4 | 168 | 94 | 1 | 400 | 0.2 | 67,200 | 168 | 67,200 |
| TOTAL | | | | | | 24,400 | 11.8 | 3,938,470 | | 3,938,470 |

Weighted Average Yield = 161.41 Adjusted Weighted Average Yield = 161.41

Group Number 5

| map symbl | lc soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|--------------|---------------|-------|---------|---------|-----|-----------------|-----|------------------|------------|-------------------|
| 103 | 3w houghton m | 0- 2 | 158 | 89 | S | 680 | 0.3 | 107,440 | 158 | 107,440 |
| 210 | 3w lena muck | 0- 2 | 154 | 87 | S | 330 | 0.2 | 50,820 | 154 | 50,820 |
| TOTAL | | | | | | 1,010 | 0.5 | 158,260 | | 158,260 |

Weighted Average Yield = 156.69 Adjusted Weighted Average Yield = 156.69

Group Number 6

| map symbl | lc soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|--------------|--------------|-------|---------|---------|-----|-----------------|-----|------------------|------------|-------------------|
| 443A | 1 barrington | 0- 2 | 158 | 89 | 1 | 1,600 | 0.8 | 252,800 | 158 | 252,800 |
| 105A | 1 batavia si | 0- 2 | 159 | 89 | 1 | 840 | 0.4 | 133,560 | 159 | 133,560 |
| 24A | 1 dodge silt | 0- 2 | 150 | 84 | 1 | 830 | 0.4 | 124,500 | 150 | 124,500 |
| 219 | 1 millbrook | 0- 2 | 159 | 89 | 2 | 780 | 0.4 | 124,020 | 159 | 124,020 |
| 240A | 1 plattville | 0- 2 | 145 | 81 | 1 | 1,820 | 0.9 | 263,900 | 145 | 263,900 |
| 791A | 1 rush silt | 0- 2 | 159 | 89 | 1 | 1,290 | 0.6 | 205,110 | 159 | 205,110 |
| 243A | 1 st. charle | 0- 2 | 151 | 85 | 1 | 1,340 | 0.6 | 202,340 | 151 | 202,340 |
| TOTAL | | | | | | 8,500 | 4.1 | 1,306,230 | | 1,306,230 |

Weighted Average Yield = 153.67 Adjusted Weighted Average Yield = 153.67

Group Number 7

| map symbl | lc soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|--------------|---------------|-------|---------|---------|-----|-----------------|-----|------------------|------------|-------------------|
| 321 | 2w du page lo | 0- 2 | 153 | 86 | 1 | 1,350 | 0.7 | 206,550 | 153 | 206,550 |
| 242 | 2w kendall si | 0- 2 | 155 | 87 | 2 | 360 | 0.2 | 55,800 | 155 | 55,800 |
| 189A | 2w martinton | 0- 2 | 156 | 88 | 1 | 4,140 | 2.0 | 645,840 | 156 | 645,840 |
| 69 | 2w milford si | 0- 2 | 154 | 87 | 2 | 4,130 | 2.0 | 636,020 | 154 | 636,020 |
| 107 | 3w sawmill si | 0- 2 | 153 | 86 | 5 | 2,810 | 1.4 | 429,930 | 153 | 429,930 |
| 206 | 2w thorp silt | 0- 2 | 153 | 86 | 2 | 910 | 0.4 | 139,230 | 153 | 139,230 |
| TOTAL | | | | | | 13,700 | 6.6 | 2,113,370 | | 2,113,370 |

Weighted Average Yield = 154.26 Adjusted Weighted Average Yield = 154.26

Group Number 8

| map symbl | lc soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|--------------|---------------|-------|---------|---------|-----|-----------------|-----|------------------|------------|-------------------|
| 443B | 2e barrington | 2- 4 | 156 | 88 | 1 | 1,310 | 0.6 | 204,360 | 156 | 204,360 |
| 443C2 | 2e barrington | 4- 7 | 149 | 84 | 1 | 620 | 0.3 | 92,380 | 149 | 92,380 |
| 105B | 2e batavia si | 2- 4 | 157 | 88 | 1 | 390 | 0.2 | 61,230 | 157 | 61,230 |
| 134B | 2e camden sil | 1- 4 | 148 | 83 | 1 | 900 | 0.4 | 133,200 | 148 | 133,200 |
| 24B | 2e dodge silt | 2- 4 | 149 | 84 | 1 | 2,110 | 1.0 | 314,390 | 149 | 314,390 |
| 189B | 2e martinton | 2- 4 | 154 | 87 | 1 | 760 | 0.4 | 117,040 | 154 | 117,040 |
| 240B | 2e plattville | 2- 4 | 144 | 81 | 1 | 540 | 0.3 | 77,760 | 144 | 77,760 |

| | | | | | | | | | | | | |
|-------|----|------------|----|---|-----|----|---|--------|-----|-----------|-----|-----------|
| 148C2 | 2e | proctor si | 4- | 7 | 156 | 88 | 1 | 280 | 0.1 | 43,680 | 156 | 43,680 |
| 791B | 2e | rush silt | 2- | 4 | 157 | 88 | 1 | 550 | 0.3 | 86,350 | 157 | 86,350 |
| 145B2 | 2e | saybrook s | 2- | 4 | 154 | 87 | 1 | 2,760 | 1.3 | 425,040 | 154 | 425,040 |
| 145C2 | 2e | saybrook s | 4- | 7 | 152 | 85 | 1 | 4,330 | 2.1 | 658,160 | 152 | 658,160 |
| 243B | 2e | st. charle | 2- | 4 | 149 | 84 | 1 | 890 | 0.4 | 132,610 | 149 | 132,610 |
| TOTAL | | | | | | | | 15,440 | 7.5 | 2,346,200 | | 2,346,200 |

Weighted Average Yield = 151.96

Adjusted Weighted Average Yield = 151.96

Group Number 9

| map syml | lc | soil name | slope | yld | nir prd I ind F | acres number pct | yield x adj acres yld | adjust product |
|-------------|----|------------|-------|-----|--------------------|---------------------|--------------------------|-----------------------------------|
| 235 | 2w | bryce silt | 0- | 2 | 146 | 82 | 2 | 8,540 4.1 1,246,840 146 1,246,840 |
| 192 | 2w | del rey si | 0- | 2 | 136 | 76 | 2 | 580 0.3 78,880 136 78,880 |
| 325A | 2s | dresden si | 0- | 2 | 142 | 80 | 1 | 1,630 0.8 231,460 142 231,460 |
| 191 | 2w | knight sil | 0- | 2 | 146 | 82 | 2 | 380 0.2 55,480 146 55,480 |
| R69 | 2w | milford si | 0- | 2 | 142 | 80 | 2 | 320 0.2 45,440 142 45,440 |
| 82 | 2w | millington | 0- | 2 | 139 | 78 | 5 | 1,970 1.0 273,830 139 273,830 |
| 330 | 2w | peotone si | 0- | 2 | 148 | 83 | 2 | 2,030 1.0 300,440 148 300,440 |
| 91A | 2w | swygert si | 0- | 2 | 143 | 80 | 1 | 7,380 3.6 1,055,340 143 1,055,340 |
| TOTAL | | | | | | | | 22,830 11.1 3,287,710 3,287,710 |

Weighted Average Yield = 144.01

Adjusted Weighted Average Yield = 144.01

Group Number 10

| map syml | lc | soil name | slope | yld | nir prd I ind F | acres number pct | yield x adj acres yld | adjust product |
|-------------|----|------------|-------|-----|--------------------|---------------------|--------------------------|--------------------------------|
| 325B | 2e | dresden si | 2- | 4 | 141 | 79 | 1 | 2,900 1.4 408,900 141 408,900 |
| 327B | 2e | fox silt l | 1- | 4 | 133 | 75 | 1 | 1,120 0.5 148,960 133 148,960 |
| 327C2 | 2e | fox silt l | 4- | 7 | 126 | 71 | 1 | 920 0.4 115,920 126 115,920 |
| 60B2 | 2e | la rose si | 2- | 4 | 136 | 76 | 1 | 620 0.3 84,320 136 84,320 |
| 60C2 | 2e | la rose si | 4- | 7 | 134 | 75 | 1 | 5,700 2.8 763,800 134 763,800 |
| 324B | 2e | ripon silt | 1- | 4 | 134 | 75 | 1 | 350 0.2 46,900 134 46,900 |
| 324C2 | 2e | ripon silt | 4- | 7 | 127 | 71 | 1 | 100 0.0 12,700 127 12,700 |
| 91B | 2e | swygert si | 2- | 4 | 142 | 80 | 1 | 1,220 0.6 173,240 142 173,240 |
| 223B | 2e | varna silt | 1- | 4 | 141 | 79 | 1 | 200 0.1 28,200 141 28,200 |
| TOTAL | | | | | | | | 13,130 6.4 1,782,940 1,782,940 |

Weighted Average Yield = 135.79

Adjusted Weighted Average Yield = 135.79

Group Number 11

| map syml | lc | soil name | slope | yld | nir prd I ind F | acres number pct | yield x adj acres yld | adjust product |
|-------------|----|------------|-------|-----|--------------------|---------------------|--------------------------|---------------------------|
| 304 | 2s | landes fin | 0- | 2 | 121 | 68 | 1 | 480 0.2 58,080 121 58,080 |
| 228A | 3w | nappanee s | 0- | 2 | 104 | 58 | 2 | 250 0.1 26,000 104 26,000 |
| 228B | 3e | nappanee s | 2- | 4 | 103 | 58 | 1 | 140 0.1 14,420 103 14,420 |
| 91C2 | 3e | swygert si | 3- | 7 | 132 | 74 | 1 | 360 0.2 47,520 132 47,520 |
| 223C2 | 3e | varna silt | 4- | 7 | 133 | 75 | 1 | 360 0.2 47,880 133 47,880 |
| TOTAL | | | | | | | | 1,590 0.8 193,900 193,900 |

Weighted Average Yield = 121.95

Adjusted Weighted Average Yield = 121.95

Group Number 12

| map syml | lc soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|-------------|---------------|-------|------------|------------|--------|-----------------|-----|------------------|------------|-------------------|
| 134C2 | 2e camden sil | 4- 7 | 140 | 79 | S | 560 | 0.3 | 78,400 | 140 | 78,400 |
| 134D2 | 3e camden sil | 7-12 | 136 | 76 | S | 240 | 0.1 | 32,640 | 136 | 32,640 |
| 24C2 | 2e dodge silt | 4- 7 | 141 | 79 | S | 500 | 0.2 | 70,500 | 141 | 70,500 |
| 60C3 | 3e la rose so | 4- 7 | 124 | 70 | S | 1,780 | 0.9 | 220,720 | 124 | 220,720 |
| 60D3 | 4e la rose so | 7-12 | 120 | 67 | S | 1,600 | 0.8 | 192,000 | 120 | 192,000 |
| 318C | 3s lorenzo lo | 4- 7 | 126 | 71 | S | 440 | 0.2 | 55,440 | 126 | 55,440 |
| 318D2 | 4e lorenzoloa | 7-18 | 108 | 61 | S | 540 | 0.3 | 58,320 | 108 | 58,320 |
| 88C | 4s sparta loa | 3-10 | 115 | 65 | S | 90 | 0.0 | 10,350 | 115 | 10,350 |
| 243C2 | 2e st. charle | 4- 7 | 142 | 80 | S | 240 | 0.1 | 34,080 | 142 | 34,080 |
| 224C | 2e strawn sil | 4- 7 | 124 | 70 | S | 570 | 0.3 | 70,680 | 124 | 70,680 |
| 224C2 | 2e strawn sil | 4- 7 | 119 | 67 | S | 1,700 | 0.8 | 202,300 | 119 | 202,300 |
| 224D2 | 3e strawn sil | 7-15 | 114 | 64 | S | 1,260 | 0.6 | 143,640 | 114 | 143,640 |
| 224C3 | 3e strawn soi | 4- 7 | 110 | 62 | S | 250 | 0.1 | 27,500 | 110 | 27,500 |
| 223D3 | 4e varna soil | 7-15 | 116 | 65 | S | 150 | 0.1 | 17,400 | 116 | 17,400 |
| TOTAL | | | | | | 9,920 | 4.8 | 1,213,970 | | 1,213,970 |

Weighted Average Yield = 122.38

Adjusted Weighted Average Yield = 122.38

Group Number 13

| map syml | lc soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|-------------|---------------|-------|------------|------------|--------|-----------------|-----|------------------|------------|-------------------|
| CF | 2e cut and fi | 1- 6 | 93 | 52 | 0 | 640 | 0.3 | 59,520 | 93 | 59,520 |
| 224D3 | 4e strawn soi | 7-12 | 107 | 60 | 0 | 740 | 0.4 | 79,180 | 107 | 79,180 |
| TOTAL | | | | | | 1,380 | 0.7 | 138,700 | | 138,700 |

Weighted Average Yield = 100.51

Adjusted Weighted Average Yield = 100.51

Group Number 14

| map syml | lc soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|-------------|---------------|-------|------------|------------|--------|-----------------|-----|------------------|------------|-------------------|
| 25F | 6e hennepin s | 15-30 | | | 0 | 1,120 | 0.5 | 0 | | 0 |
| 25G | 7e hennepin s | 30-45 | | | 0 | 380 | 0.2 | 0 | | 0 |
| 318F | 7e lorenzo lo | 18-40 | | | 0 | 1,010 | 0.5 | 0 | | 0 |
| 224F | 6e strawn sil | 15-30 | | | 0 | 200 | 0.1 | 0 | | 0 |
| TOTAL | | | | | | 2,710 | 1.3 | 0 | | 0 |

Weighted Average Yield = 0.00

Adjusted Weighted Average Yield = 0.00

Group Number 15

| map syml | lc soil name | slope | nir yld | prd ind | I F | acres number | pct | yield x acres | adj yld | adjust product |
|-------------|--------------|-------|------------|------------|--------|-----------------|-----|------------------|------------|-------------------|
| GP | 8 gravel pit | 0- 0 | | | 0 | 660 | 0.3 | 0 | | 0 |
| QU | 8 quarries | 0- 0 | | | 0 | 120 | 0.1 | 0 | | 0 |
| W | 8 water | 0- 0 | | | 0 | 1,200 | 0.6 | 0 | | 0 |
| TOTAL | | | | | | 1,980 | 1.0 | 0 | | 0 |

Weighted Average Yield = 0.00

Adjusted Weighted Average Yield = 0.00

**Table 10. Relative Values – Kendall County, Illinois
(No Conservation Adjustment) – LESA Worksheet #2**

| Ag. group | lcc | important farmland | potential or productivity | % | cum'ltv % | acres | cum'ltv acres | relative value |
|-----------|-------|--------------------|---------------------------|------|-----------|--------|---------------|----------------|
| 1 | 1 | prime | 96-100 | 18.6 | 18.6 | 38,380 | 38,380 | 100 |
| 2 | 2w | prime | 92- 98 | 18.3 | 36.9 | 37,655 | 76,035 | 100 |
| 3 | 1 | prime | 91- 95 | 6.6 | 43.5 | 13,590 | 89,625 | 95 |
| 4 | 2e | prime | 90- 97 | 11.8 | 55.3 | 24,400 | 114,025 | 92 |
| 5 | 3w | state | 87- 89 | 0.5 | 55.8 | 1,010 | 115,035 | 90 |
| 6 | 1 | prime | 81- 89 | 4.1 | 59.9 | 8,500 | 123,535 | 88 |
| 7 | 2w-3w | prime | 86- 88 | 6.6 | 66.5 | 13,700 | 137,235 | 88 |
| 8 | 2e | prime | 81- 88 | 7.5 | 74.0 | 15,440 | 152,675 | 87 |
| 9 | 2w-2s | prime | 76- 83 | 11.1 | 85.1 | 22,830 | 175,505 | 82 |
| 10 | 2e | prime | 71- 80 | 6.4 | 91.5 | 13,130 | 188,635 | 78 |
| 11 | 2s-4e | prime | 58- 75 | 0.8 | 92.2 | 1,590 | 190,225 | 70 |
| 12 | 2e-4s | state | 61- 80 | 4.8 | 97.1 | 9,920 | 200,145 | 70 |
| 13 | 2e-4e | other | 52- 60 | 0.7 | 97.7 | 1,380 | 201,525 | 58 |
| 14 | 6e-7e | other | - | 1.3 | 99.0 | 2,710 | 204,235 | 0 |
| 15 | 8 | other | - | 1.0 | 100.0 | 1,980 | 206,215 | 0 |

FPPA acres: 200,145 (97.1% of county)
 Farmable acres: 201,525 (97.7% of county)
 Grouped acres: 206,215
 Total acres: 206,215

Note: The proposed LE part of LESA web site is for NRCS and others responsible for the Land Evaluation portion of a Land Evaluation and Site Assessment (LESA) system. It requires significant user input and results vary based upon user knowledge and emphasis. Official NRCS Land Evaluation results to be used for the Farmland Protection Policy Act (FPPA) are approved by the NRCS State Conservationist and placed in the Field Office Technical Guide (FOTG). For more information contact your local or state NRCS office.

**Relative Values(RV) for Soil Survey of Kendall County, Illinois Using the Land Evaluation (LE)
part of the Land Evaluation and Site Assessment (LESA) with adjustment for Cost of
Conservation Practice**

**Table 11a. List by Land Classification for Kendall County, Illinois
(With Conservation Adjustment) –LESA Worksheet #1**

| line no. | map syml | soil name | slope | lc | Adj corn nirr yield | prd ind | i f | acres number | pct |
|----------|----------|-------------------------|-------|------|---------------------------|---------|-----|-----------------|-----|
| 1 | 59 | lisbon silt loam | 0- | 2 1 | 173 | 97 | 1 | 9,270 | 4.5 |
| 2 | 199A | plano silt loam | 0- | 2 1 | 175 | 98 | 1 | 8,960 | 4.3 |
| 3 | 442 | mundelein silt loam | 0- | 2 1 | 169 | 95 | 1 | 7,620 | 3.7 |
| 4 | 149 | brenton silt loam | 0- | 2 1 | 176 | 99 | 1 | 7,100 | 3.4 |
| 5 | 198 | elburn silt loam | 0- | 2 1 | 178 | 100 | 1 | 6,820 | 3.3 |
| 6 | 369A | waupecan silt loam | 0- | 2 1 | 170 | 96 | 1 | 6,230 | 3.0 |
| 7 | 145A | saybrook silt loam | 0- | 2 1 | 162 | 91 | 1 | 3,150 | 1.5 |
| 8 | 148A | proctor silt loam | 0- | 2 1 | 166 | 93 | 1 | 2,270 | 1.1 |
| 9 | 240A | plattville silt loam | 0- | 2 1 | 145 | 81 | 1 | 1,820 | 0.9 |
| 10 | 443A | barrington silt loam | 0- | 2 1 | 158 | 89 | 1 | 1,600 | 0.8 |
| 11 | 243A | st. charles silt loam | 0- | 2 1 | 151 | 85 | 1 | 1,340 | 0.6 |
| 12 | 791A | rush silt loam | 0- | 2 1 | 159 | 89 | 1 | 1,290 | 0.6 |
| 13 | 105A | batavia silt loam | 0- | 2 1 | 159 | 89 | 1 | 840 | 0.4 |
| 14 | 24A | dodge silt loam | 0- | 2 1 | 150 | 84 | 1 | 830 | 0.4 |
| 15 | 219 | millbrook silt loam | 0- | 2 1 | 159 | 89 | 2 | 780 | 0.4 |
| 16 | 104 | virgil silt loam | 0- | 2 1 | 164 | 92 | 2 | 380 | 0.2 |
| 17 | R149 | brenton silt loam | 0- | 2 1 | 162 | 91 | 1 | 170 | 0.1 |
| 18 | 145B | saybrook silt loam | 2- | 4 2e | 160 | 90 | 1 | 19,930 | 9.7 |
| 19 | 60C2 | la rose silt loam | 4- | 7 2e | 134 | 75 | 1 | 5,700 | 2.8 |
| 20 | 145C2 | saybrook silt loam | 4- | 7 2e | 152 | 85 | 1 | 4,330 | 2.1 |
| 21 | 325B | dresden silt loam | 2- | 4 2e | 141 | 79 | 1 | 2,900 | 1.4 |
| 22 | 145B2 | saybrook silt loam | 2- | 4 2e | 154 | 87 | 1 | 2,760 | 1.3 |
| 23 | 148B | proctor silt loam | 2- | 4 2e | 164 | 92 | 1 | 2,200 | 1.1 |
| 24 | 24B | dodge silt loam | 2- | 4 2e | 149 | 84 | 1 | 2,110 | 1.0 |
| 25 | 224C2 | strawn silt loam | 4- | 7 2e | 119 | 67 | S | 1,700 | 0.8 |
| 26 | 199B | plano silt loam | 2- | 4 2e | 173 | 97 | 1 | 1,640 | 0.8 |
| 27 | 443B | barrington silt loam | 2- | 4 2e | 156 | 88 | 1 | 1,310 | 0.6 |
| 28 | 91B | swygart silty clay loam | 2- | 4 2e | 127* | 71 | 1 | 1,220 | 0.6 |
| 29 | 327B | fox silt loam | 1- | 4 2e | 133 | 75 | 1 | 1,120 | 0.5 |
| 30 | 327C2 | fox silt loam | 4- | 7 2e | 126 | 71 | 1 | 920 | 0.4 |
| 31 | 134B | camden silt loam | 1- | 4 2e | 148 | 83 | 1 | 900 | 0.4 |
| 32 | 243B | st. charles silt loam | 2- | 4 2e | 149 | 84 | 1 | 890 | 0.4 |
| 33 | 189B | martinton silt loam | 2- | 4 2e | 139* | 78 | 1 | 760 | 0.4 |
| 34 | CF | cut and fill land | 1- | 6 2e | 93 | 52 | 0 | 640 | 0.3 |
| 35 | 443C2 | barrington silt loam | 4- | 7 2e | 149 | 84 | 1 | 620 | 0.3 |
| 36 | 60B2 | la rose silt loam | 2- | 4 2e | 136 | 76 | 1 | 620 | 0.3 |
| 37 | 224C | strawn silt loam | 4- | 7 2e | 124 | 70 | S | 570 | 0.3 |
| 38 | 134C2 | camden silt loam | 4- | 7 2e | 140 | 79 | S | 560 | 0.3 |
| 39 | 791B | rush silt loam | 2- | 4 2e | 157 | 88 | 1 | 550 | 0.3 |
| 40 | 240B | plattville silt loam | 2- | 4 2e | 144 | 81 | 1 | 540 | 0.3 |
| 41 | 24C2 | dodge silt loam | 4- | 7 2e | 141 | 79 | S | 500 | 0.2 |
| 42 | 369B | waupecan silt loam | 2- | 4 2e | 168 | 94 | 1 | 400 | 0.2 |
| 43 | 105B | batavia silt loam | 2- | 4 2e | 157 | 88 | 1 | 390 | 0.2 |
| 44 | 324B | ripon silt loam | 1- | 4 2e | 134 | 75 | 1 | 350 | 0.2 |
| 45 | 148C2 | proctor silt loam | 4- | 7 2e | 156 | 88 | 1 | 280 | 0.1 |
| 46 | 243C2 | st. charles silt loam | 4- | 7 2e | 142 | 80 | S | 240 | 0.1 |
| 47 | 199C2 | plano silt loam | 4- | 7 2e | 165 | 93 | 1 | 230 | 0.1 |
| 48 | 223B | varna silt loam | 1- | 4 2e | 141 | 79 | 1 | 200 | 0.1 |

| | | | | | | | | |
|----|-------|--------------------------|----------|------|----|---|--------|------|
| 49 | 324C2 | ripon silt loam | 4- 7 2e | 127 | 71 | 1 | 100 | 0.0 |
| 50 | 325A | dresden silt loam | 0- 2 2s | 142 | 80 | 1 | 1,630 | 0.8 |
| 51 | 304 | landes fine sandy loam | 0- 2 2s | 121 | 68 | 1 | 480 | 0.2 |
| 52 | 152 | drummer silty clay loam | 0- 2 2w | 167* | 94 | 2 | 36,605 | 17.8 |
| 53 | 235 | bryce silty clay | 0- 2 2w | 131* | 74 | 2 | 8,540 | 4.1 |
| 54 | 91A | swygert silty clay loam | 0- 2 2w | 128* | 72 | 1 | 7,380 | 3.6 |
| 55 | 189A | martinton silt loam | 0- 2 2w | 141* | 79 | 1 | 4,140 | 2.0 |
| 56 | 69 | milford silty clay loam | 0- 2 2w | 139* | 78 | 2 | 4,130 | 2.0 |
| 57 | 330 | peotone silty clay loam | 0- 2 2w | 133* | 75 | 2 | 2,030 | 1.0 |
| 58 | 82 | millington silt loam | 0- 2 2w | 131* | 74 | 5 | 1,970 | 1.0 |
| 59 | 321 | du page loam | 0- 2 2w | 153 | 86 | 1 | 1,350 | 0.7 |
| 60 | 67 | harpster silty clay loam | 0- 2 2w | 156* | 88 | 2 | 1,050 | 0.5 |
| 61 | 206 | thorp silt loam | 0- 2 2w | 138* | 77 | 2 | 910 | 0.4 |
| 62 | 192 | del rey silt loam | 0- 2 2w | 121* | 68 | 2 | 580 | 0.3 |
| 63 | 191 | knight silt loam | 0- 2 2w | 131* | 74 | 2 | 380 | 0.2 |
| 64 | 242 | kendall silt loam | 0- 2 2w | 147* | 83 | 2 | 360 | 0.2 |
| 65 | R69 | milford silty clay loam | 0- 2 2w | 127* | 71 | 2 | 320 | 0.2 |
| 66 | 60C3 | la rose soils | 4- 7 3e | 124 | 70 | S | 1,780 | 0.9 |
| 67 | 224D2 | strawn silt loam | 7-15 3e | 114 | 64 | S | 1,260 | 0.6 |
| 68 | 223C2 | varna silt loam | 4- 7 3e | 133 | 75 | 1 | 360 | 0.2 |
| 69 | 91C2 | swygert silty clay loam | 3- 7 3e | 132 | 74 | 1 | 360 | 0.2 |
| 70 | 224C3 | strawn soils | 4- 7 3e | 110 | 62 | S | 250 | 0.1 |
| 71 | 134D2 | camden silt loam | 7-12 3e | 136 | 76 | S | 240 | 0.1 |
| 72 | 228B | nappanee silt loam | 2- 4 3e | 88* | 49 | 1 | 140 | 0.1 |
| 73 | 318C | lorenzo loam | 4- 7 3s | 126 | 71 | S | 440 | 0.2 |
| 74 | 107 | sawmill silty clay loam | 0- 2 3w | 145* | 82 | 5 | 2,810 | 1.4 |
| 75 | 103 | houghton muck | 0- 2 3w | 143* | 80 | S | 680 | 0.3 |
| 76 | 210 | lena muck | 0- 2 3w | 139* | 78 | S | 330 | 0.2 |
| 77 | 228A | nappanee silt loam | 0- 2 3w | 89* | 50 | 2 | 250 | 0.1 |
| 78 | 60D3 | la rose soils | 7-12 4e | 107* | 60 | S | 1,600 | 0.8 |
| 79 | 224D3 | strawn soils | 7-12 4e | 94* | 53 | 0 | 740 | 0.4 |
| 80 | 318D2 | lorenzoloam | 7-18 4e | 95* | 54 | S | 540 | 0.3 |
| 81 | 223D3 | varna soils | 7-15 4e | 103* | 58 | S | 150 | 0.1 |
| 82 | 88C | sparta loamy fine sand | 3-10 4s | 115 | 65 | S | 90 | 0.0 |
| 83 | 25F | hennepin silt loam | 15-30 6e | | 0 | 0 | 1,120 | 0.5 |
| 84 | 224F | strawn silt loam | 15-30 6e | | 0 | 0 | 200 | 0.1 |
| 85 | 318F | lorenzo loam | 18-40 7e | | 0 | 0 | 1,010 | 0.5 |
| 86 | 25G | hennepin silt loam | 30-45 7e | | 0 | 0 | 380 | 0.2 |
| 87 | W | water | 0- 0 8 | | 0 | 0 | 1,200 | 0.6 |
| 88 | GP | gravel pits | 0- 0 8 | | 0 | 0 | 660 | 0.3 |
| 89 | QU | quarries | 0- 0 8 | | 0 | 0 | 120 | 0.1 |

206,215

The asterisk, "*", following the yield values denotes adjusted yields.

**Table 11b. List by Productivity Index for Kendall County, Illinois
(With Conservation Adjustment) – LESA Worksheet #1**

| line no. | map syml | soil name | slope | lc | Adj corn nirr yield | prd ind | i f | acres number | pct |
|----------|----------|--------------------------|-------|------|---------------------------|---------|-----|-----------------|------|
| 1 | 198 | elburn silt loam | 0- | 2 1 | 178 | 100 | 1 | 6,820 | 3.3 |
| 2 | 149 | brenton silt loam | 0- | 2 1 | 176 | 99 | 1 | 7,100 | 3.4 |
| 3 | 199A | plano silt loam | 0- | 2 1 | 175 | 98 | 1 | 8,960 | 4.3 |
| 4 | 59 | lisbon silt loam | 0- | 2 1 | 173 | 97 | 1 | 9,270 | 4.5 |
| 5 | 199B | plano silt loam | 2- | 4 2e | 173 | 97 | 1 | 1,640 | 0.8 |
| 6 | 369A | waupecan silt loam | 0- | 2 1 | 170 | 96 | 1 | 6,230 | 3.0 |
| 7 | 442 | mundelein silt loam | 0- | 2 1 | 169 | 95 | 1 | 7,620 | 3.7 |
| 8 | 369B | waupecan silt loam | 2- | 4 2e | 168 | 94 | 1 | 400 | 0.2 |
| 9 | 152 | drummer silty clay loam | 0- | 2 2w | 167* | 94 | 2 | 36,605 | 17.8 |
| 10 | 148A | proctor silt loam | 0- | 2 1 | 166 | 93 | 1 | 2,270 | 1.1 |
| 11 | 199C2 | plano silt loam | 4- | 7 2e | 165 | 93 | 1 | 230 | 0.1 |
| 12 | 104 | virgil silt loam | 0- | 2 1 | 164 | 92 | 2 | 380 | 0.2 |
| 13 | 148B | proctor silt loam | 2- | 4 2e | 164 | 92 | 1 | 2,200 | 1.1 |
| 14 | 145A | saybrook silt loam | 0- | 2 1 | 162 | 91 | 1 | 3,150 | 1.5 |
| 15 | R149 | brenton silt loam | 0- | 2 1 | 162 | 91 | 1 | 170 | 0.1 |
| 16 | 145B | saybrook silt loam | 2- | 4 2e | 160 | 90 | 1 | 19,930 | 9.7 |
| 17 | 105A | batavia silt loam | 0- | 2 1 | 159 | 89 | 1 | 840 | 0.4 |
| 18 | 219 | millbrook silt loam | 0- | 2 1 | 159 | 89 | 2 | 780 | 0.4 |
| 19 | 791A | rush silt loam | 0- | 2 1 | 159 | 89 | 1 | 1,290 | 0.6 |
| 20 | 443A | barrington silt loam | 0- | 2 1 | 158 | 89 | 1 | 1,600 | 0.8 |
| 21 | 105B | batavia silt loam | 2- | 4 2e | 157 | 88 | 1 | 390 | 0.2 |
| 22 | 791B | rush silt loam | 2- | 4 2e | 157 | 88 | 1 | 550 | 0.3 |
| 23 | 67 | harpster silty clay loam | 0- | 2 2w | 156* | 88 | 2 | 1,050 | 0.5 |
| 24 | 148C2 | proctor silt loam | 4- | 7 2e | 156 | 88 | 1 | 280 | 0.1 |
| 25 | 443B | barrington silt loam | 2- | 4 2e | 156 | 88 | 1 | 1,310 | 0.6 |
| 26 | 145B2 | saybrook silt loam | 2- | 4 2e | 154 | 87 | 1 | 2,760 | 1.3 |
| 27 | 321 | du page loam | 0- | 2 2w | 153 | 86 | 1 | 1,350 | 0.7 |
| 28 | 145C2 | saybrook silt loam | 4- | 7 2e | 152 | 85 | 1 | 4,330 | 2.1 |
| 29 | 243A | st. charles silt loam | 0- | 2 1 | 151 | 85 | 1 | 1,340 | 0.6 |
| 30 | 24A | dodge silt loam | 0- | 2 1 | 150 | 84 | 1 | 830 | 0.4 |
| 31 | 24B | dodge silt loam | 2- | 4 2e | 149 | 84 | 1 | 2,110 | 1.0 |
| 32 | 243B | st. charles silt loam | 2- | 4 2e | 149 | 84 | 1 | 890 | 0.4 |
| 33 | 443C2 | barrington silt loam | 4- | 7 2e | 149 | 84 | 1 | 620 | 0.3 |
| 34 | 134B | camden silt loam | 1- | 4 2e | 148 | 83 | 1 | 900 | 0.4 |
| 35 | 242 | kendall silt loam | 0- | 2 2w | 147* | 83 | 2 | 360 | 0.2 |
| 36 | 107 | sawmill silty clay loam | 0- | 2 3w | 145* | 82 | 5 | 2,810 | 1.4 |
| 37 | 240A | plattville silt loam | 0- | 2 1 | 145 | 81 | 1 | 1,820 | 0.9 |
| 38 | 240B | plattville silt loam | 2- | 4 2e | 144 | 81 | 1 | 540 | 0.3 |
| 39 | 103 | houghton muck | 0- | 2 3w | 143* | 80 | S | 680 | 0.3 |
| 40 | 243C2 | st. charles silt loam | 4- | 7 2e | 142 | 80 | S | 240 | 0.1 |
| 41 | 325A | dresden silt loam | 0- | 2 2s | 142 | 80 | 1 | 1,630 | 0.8 |
| 42 | 24C2 | dodge silt loam | 4- | 7 2e | 141 | 79 | S | 500 | 0.2 |
| 43 | 223B | varna silt loam | 1- | 4 2e | 141 | 79 | 1 | 200 | 0.1 |
| 44 | 325B | dresden silt loam | 2- | 4 2e | 141 | 79 | 1 | 2,900 | 1.4 |
| 45 | 189A | martinton silt loam | 0- | 2 2w | 141* | 79 | 1 | 4,140 | 2.0 |
| 46 | 134C2 | camden silt loam | 4- | 7 2e | 140 | 79 | S | 560 | 0.3 |
| 47 | 69 | milford silty clay loam | 0- | 2 2w | 139* | 78 | 2 | 4,130 | 2.0 |
| 48 | 189B | martinton silt loam | 2- | 4 2e | 139* | 78 | 1 | 760 | 0.4 |
| 49 | 210 | lena muck | 0- | 2 3w | 139* | 78 | S | 330 | 0.2 |
| 50 | 206 | thorp silt loam | 0- | 2 2w | 138* | 77 | 2 | 910 | 0.4 |
| 51 | 60B2 | la rose silt loam | 2- | 4 2e | 136 | 76 | 1 | 620 | 0.3 |
| 52 | 134D2 | camden silt loam | 7-12 | 3e | 136 | 76 | S | 240 | 0.1 |
| 53 | 60C2 | la rose silt loam | 4- | 7 2e | 134 | 75 | 1 | 5,700 | 2.8 |
| 54 | 324B | ripon silt loam | 1- | 4 2e | 134 | 75 | 1 | 350 | 0.2 |
| 55 | 223C2 | varna silt loam | 4- | 7 3e | 133 | 75 | 1 | 360 | 0.2 |

| | | | | | | | | |
|----|-------|-------------------------|----------|------|----|---|-------|-----|
| 56 | 327B | fox silt loam | 1- 4 2e | 133 | 75 | 1 | 1,120 | 0.5 |
| 57 | 330 | peotone silty clay loam | 0- 2 2w | 133* | 75 | 2 | 2,030 | 1.0 |
| 58 | 91C2 | swygert silty clay loam | 3- 7 3e | 132 | 74 | 1 | 360 | 0.2 |
| 59 | 82 | millington silt loam | 0- 2 2w | 131* | 74 | 5 | 1,970 | 1.0 |
| 60 | 191 | knight silt loam | 0- 2 2w | 131* | 74 | 2 | 380 | 0.2 |
| 61 | 235 | bryce silty clay | 0- 2 2w | 131* | 74 | 2 | 8,540 | 4.1 |
| 62 | 91A | swygert silty clay loam | 0- 2 2w | 128* | 72 | 1 | 7,380 | 3.6 |
| 63 | 324C2 | ripon silt loam | 4- 7 2e | 127 | 71 | 1 | 100 | 0.0 |
| 64 | 91B | swygert silty clay loam | 2- 4 2e | 127* | 71 | 1 | 1,220 | 0.6 |
| 65 | R69 | milford silty clay loam | 0- 2 2w | 127* | 71 | 2 | 320 | 0.2 |
| 66 | 318C | lorenzo loam | 4- 7 3s | 126 | 71 | S | 440 | 0.2 |
| 67 | 327C2 | fox silt loam | 4- 7 2e | 126 | 71 | 1 | 920 | 0.4 |
| 68 | 60C3 | la rose soils | 4- 7 3e | 124 | 70 | S | 1,780 | 0.9 |
| 69 | 224C | strawn silt loam | 4- 7 2e | 124 | 70 | S | 570 | 0.3 |
| 70 | 304 | landes fine sandy loam | 0- 2 2s | 121 | 68 | 1 | 480 | 0.2 |
| 71 | 192 | del rey silt loam | 0- 2 2w | 121* | 68 | 2 | 580 | 0.3 |
| 72 | 224C2 | strawn silt loam | 4- 7 2e | 119 | 67 | S | 1,700 | 0.8 |
| 73 | 88C | sparta loamy fine sand | 3-10 4s | 115 | 65 | S | 90 | 0.0 |
| 74 | 224D2 | strawn silt loam | 7-15 3e | 114 | 64 | S | 1,260 | 0.6 |
| 75 | 224C3 | strawn soils | 4- 7 3e | 110 | 62 | S | 250 | 0.1 |
| 76 | 60D3 | la rose soils | 7-12 4e | 107* | 60 | S | 1,600 | 0.8 |
| 77 | 223D3 | varna soils | 7-15 4e | 103* | 58 | S | 150 | 0.1 |
| 78 | 318D2 | lorenzoloam | 7-18 4e | 95* | 54 | S | 540 | 0.3 |
| 79 | 224D3 | strawn soils | 7-12 4e | 94* | 53 | 0 | 740 | 0.4 |
| 80 | CF | cut and fill land | 1- 6 2e | 93 | 52 | 0 | 640 | 0.3 |
| 81 | 228A | nappanee silt loam | 0- 2 3w | 89* | 50 | 2 | 250 | 0.1 |
| 82 | 228B | nappanee silt loam | 2- 4 3e | 88* | 49 | 1 | 140 | 0.1 |
| 83 | 25F | hennepin silt loam | 15-30 6e | | 0 | 0 | 1,120 | 0.5 |
| 84 | 25G | hennepin silt loam | 30-45 7e | | 0 | 0 | 380 | 0.2 |
| 85 | 224F | strawn silt loam | 15-30 6e | | 0 | 0 | 200 | 0.1 |
| 86 | 318F | lorenzo loam | 18-40 7e | | 0 | 0 | 1,010 | 0.5 |
| 87 | GP | gravel pits | 0- 0 8 | | 0 | 0 | 660 | 0.3 |
| 88 | QU | quarries | 0- 0 8 | | 0 | 0 | 120 | 0.1 |
| 89 | W | water | 0- 0 8 | | 0 | 0 | 1,200 | 0.6 |

206,215

The asterisk, "*", following the yield values denotes adjusted yields.

**Table 11c. List by Map Unit Name for Kendall County, Illinois
(With Conservation Adjustment) – LESA Worksheet #1**

| line no. | map syml | soil name | slope | lc | Adj corn nirr yield | prd ind | i f | acres number | pct |
|----------|----------|----------------------|-------|----|---------------------------|---------|-----|-----------------|-----|
| 1 | 443A | barrington silt loam | 0- 2 | 1 | 158 | 89 | 1 | 1,600 | 0.8 |
| 2 | 443B | barrington silt loam | 2- 4 | 2e | 156 | 88 | 1 | 1,310 | 0.6 |
| 3 | 443C2 | barrington silt loam | 4- 7 | 2e | 149 | 84 | 1 | 620 | 0.3 |
| 4 | 105A | batavia silt loam | 0- 2 | 1 | 159 | 89 | 1 | 840 | 0.4 |
| 5 | 105B | batavia silt loam | 2- 4 | 2e | 157 | 88 | 1 | 390 | 0.2 |
| 6 | 149 | brenton silt loam | 0- 2 | 1 | 176 | 99 | 1 | 7,100 | 3.4 |
| 7 | R149 | brenton silt loam | 0- 2 | 1 | 162 | 91 | 1 | 170 | 0.1 |
| 8 | 235 | bryce silty clay | 0- 2 | 2w | 131* | 74 | 2 | 8,540 | 4.1 |
| 9 | 134B | camden silt loam | 1- 4 | 2e | 148 | 83 | 1 | 900 | 0.4 |
| 10 | 134C2 | camden silt loam | 4- 7 | 2e | 140 | 79 | S | 560 | 0.3 |
| 11 | 134D2 | camden silt loam | 7-12 | 3e | 136 | 76 | S | 240 | 0.1 |
| 12 | CF | cut and fill land | 1- 6 | 2e | 93 | 52 | 0 | 640 | 0.3 |
| 13 | 192 | del rey silt loam | 0- 2 | 2w | 121* | 68 | 2 | 580 | 0.3 |
| 14 | 24A | dodge silt loam | 0- 2 | 1 | 150 | 84 | 1 | 830 | 0.4 |
| 15 | 24B | dodge silt loam | 2- 4 | 2e | 149 | 84 | 1 | 2,110 | 1.0 |
| 16 | 24C2 | dodge silt loam | 4- 7 | 2e | 141 | 79 | S | 500 | 0.2 |

| | | | | | | | | |
|----|-------|--------------------------|----------|------|-----|---|--------|------|
| 17 | 325A | dresden silt loam | 0- 2 2s | 142 | 80 | 1 | 1,630 | 0.8 |
| 18 | 325B | dresden silt loam | 2- 4 2e | 141 | 79 | 1 | 2,900 | 1.4 |
| 19 | 152 | drummer silty clay loam | 0- 2 2w | 167* | 94 | 2 | 36,605 | 17.8 |
| 20 | 321 | du page loam | 0- 2 2w | 153 | 86 | 1 | 1,350 | 0.7 |
| 21 | 198 | elburn silt loam | 0- 2 1 | 178 | 100 | 1 | 6,820 | 3.3 |
| 22 | 327B | fox silt loam | 1- 4 2e | 133 | 75 | 1 | 1,120 | 0.5 |
| 23 | 327C2 | fox silt loam | 4- 7 2e | 126 | 71 | 1 | 920 | 0.4 |
| 24 | GP | gravel pits | 0- 0 8 | | 0 | 0 | 660 | 0.3 |
| 25 | 67 | harpster silty clay loam | 0- 2 2w | 156* | 88 | 2 | 1,050 | 0.5 |
| 26 | 25F | hennepin silt loam | 15-30 6e | | 0 | 0 | 1,120 | 0.5 |
| 27 | 25G | hennepin silt loam | 30-45 7e | | 0 | 0 | 380 | 0.2 |
| 28 | 103 | houghton muck | 0- 2 3w | 143* | 80 | S | 680 | 0.3 |
| 29 | 242 | kendall silt loam | 0- 2 2w | 147* | 83 | 2 | 360 | 0.2 |
| 30 | 191 | knight silt loam | 0- 2 2w | 131* | 74 | 2 | 380 | 0.2 |
| 31 | 60B2 | la rose silt loam | 2- 4 2e | 136 | 76 | 1 | 620 | 0.3 |
| 32 | 60C2 | la rose silt loam | 4- 7 2e | 134 | 75 | 1 | 5,700 | 2.8 |
| 33 | 60C3 | la rose soils | 4- 7 3e | 124 | 70 | S | 1,780 | 0.9 |
| 34 | 60D3 | la rose soils | 7-12 4e | 107* | 60 | S | 1,600 | 0.8 |
| 35 | 304 | landes fine sandy loam | 0- 2 2s | 121 | 68 | 1 | 480 | 0.2 |
| 36 | 210 | lena muck | 0- 2 3w | 139* | 78 | S | 330 | 0.2 |
| 37 | 59 | lisbon silt loam | 0- 2 1 | 173 | 97 | 1 | 9,270 | 4.5 |
| 38 | 318C | lorenzo loam | 4- 7 3s | 126 | 71 | S | 440 | 0.2 |
| 39 | 318F | lorenzo loam | 18-40 7e | | 0 | 0 | 1,010 | 0.5 |
| 40 | 318D2 | lorenzoloam | 7-18 4e | 95* | 54 | S | 540 | 0.3 |
| 41 | 189A | martinton silt loam | 0- 2 2w | 141* | 79 | 1 | 4,140 | 2.0 |
| 42 | 189B | martinton silt loam | 2- 4 2e | 139* | 78 | 1 | 760 | 0.4 |
| 43 | 69 | milford silty clay loam | 0- 2 2w | 139* | 78 | 2 | 4,130 | 2.0 |
| 44 | R69 | milford silty clay loam | 0- 2 2w | 127* | 71 | 2 | 320 | 0.2 |
| 45 | 219 | millbrook silt loam | 0- 2 1 | 159 | 89 | 2 | 780 | 0.4 |
| 46 | 82 | millington silt loam | 0- 2 2w | 131* | 74 | 5 | 1,970 | 1.0 |
| 47 | 442 | mundelein silt loam | 0- 2 1 | 169 | 95 | 1 | 7,620 | 3.7 |
| 48 | 228A | nappanee silt loam | 0- 2 3w | 89* | 50 | 2 | 250 | 0.1 |
| 49 | 228B | nappanee silt loam | 2- 4 3e | 88* | 49 | 1 | 140 | 0.1 |
| 50 | 330 | peotone silty clay loam | 0- 2 2w | 133* | 75 | 2 | 2,030 | 1.0 |
| 51 | 199A | plano silt loam | 0- 2 1 | 175 | 98 | 1 | 8,960 | 4.3 |
| 52 | 199B | plano silt loam | 2- 4 2e | 173 | 97 | 1 | 1,640 | 0.8 |
| 53 | 199C2 | plano silt loam | 4- 7 2e | 165 | 93 | 1 | 230 | 0.1 |
| 54 | 240A | plattville silt loam | 0- 2 1 | 145 | 81 | 1 | 1,820 | 0.9 |
| 55 | 240B | plattville silt loam | 2- 4 2e | 144 | 81 | 1 | 540 | 0.3 |
| 56 | 148A | proctor silt loam | 0- 2 1 | 166 | 93 | 1 | 2,270 | 1.1 |
| 57 | 148B | proctor silt loam | 2- 4 2e | 164 | 92 | 1 | 2,200 | 1.1 |
| 58 | 148C2 | proctor silt loam | 4- 7 2e | 156 | 88 | 1 | 280 | 0.1 |
| 59 | QU | quarries | 0- 0 8 | | 0 | 0 | 120 | 0.1 |
| 60 | 324B | ripon silt loam | 1- 4 2e | 134 | 75 | 1 | 350 | 0.2 |
| 61 | 324C2 | ripon silt loam | 4- 7 2e | 127 | 71 | 1 | 100 | 0.0 |
| 62 | 791A | rush silt loam | 0- 2 1 | 159 | 89 | 1 | 1,290 | 0.6 |
| 63 | 791B | rush silt loam | 2- 4 2e | 157 | 88 | 1 | 550 | 0.3 |
| 64 | 107 | sawmill silty clay loam | 0- 2 3w | 145* | 82 | 5 | 2,810 | 1.4 |
| 65 | 145A | saybrook silt loam | 0- 2 1 | 162 | 91 | 1 | 3,150 | 1.5 |
| 66 | 145B | saybrook silt loam | 2- 4 2e | 160 | 90 | 1 | 19,930 | 9.7 |
| 67 | 145B2 | saybrook silt loam | 2- 4 2e | 154 | 87 | 1 | 2,760 | 1.3 |
| 68 | 145C2 | saybrook silt loam | 4- 7 2e | 152 | 85 | 1 | 4,330 | 2.1 |
| 69 | 88C | sparta loamy fine sand | 3-10 4s | 115 | 65 | S | 90 | 0.0 |
| 70 | 243A | st. charles silt loam | 0- 2 1 | 151 | 85 | 1 | 1,340 | 0.6 |
| 71 | 243B | st. charles silt loam | 2- 4 2e | 149 | 84 | 1 | 890 | 0.4 |
| 72 | 243C2 | st. charles silt loam | 4- 7 2e | 142 | 80 | S | 240 | 0.1 |
| 73 | 224C | strawn silt loam | 4- 7 2e | 124 | 70 | S | 570 | 0.3 |
| 74 | 224C2 | strawn silt loam | 4- 7 2e | 119 | 67 | S | 1,700 | 0.8 |
| 75 | 224D2 | strawn silt loam | 7-15 3e | 114 | 64 | S | 1,260 | 0.6 |
| 76 | 224F | strawn silt loam | 15-30 6e | | 0 | 0 | 200 | 0.1 |
| 77 | 224C3 | strawn soils | 4- 7 3e | 110 | 62 | S | 250 | 0.1 |
| 78 | 224D3 | strawn soils | 7-12 4e | 94* | 53 | 0 | 740 | 0.4 |
| 79 | 91A | swygert silty clay loam | 0- 2 2w | 128* | 72 | 1 | 7,380 | 3.6 |

| | | | | | | | | |
|----|-------|-------------------------|---------|------|----|---|-------|-----|
| 80 | 91B | swygert silty clay loam | 2- 4 2e | 127* | 71 | 1 | 1,220 | 0.6 |
| 81 | 91C2 | swygert silty clay loam | 3- 7 3e | 132 | 74 | 1 | 360 | 0.2 |
| 82 | 206 | thorp silt loam | 0- 2 2w | 138* | 77 | 2 | 910 | 0.4 |
| 83 | 223B | varna silt loam | 1- 4 2e | 141 | 79 | 1 | 200 | 0.1 |
| 84 | 223C2 | varna silt loam | 4- 7 3e | 133 | 75 | 1 | 360 | 0.2 |
| 85 | 223D3 | varna soils | 7-15 4e | 103* | 58 | S | 150 | 0.1 |
| 86 | 104 | virgil silt loam | 0- 2 1 | 164 | 92 | 2 | 380 | 0.2 |
| 87 | W | water | 0- 0 8 | | 0 | 0 | 1,200 | 0.6 |
| 88 | 369A | waupecan silt loam | 0- 2 1 | 170 | 96 | 1 | 6,230 | 3.0 |
| 89 | 369B | waupecan silt loam | 2- 4 2e | 168 | 94 | 1 | 400 | 0.2 |

206,215

The asterisk, "*", following the yield values denotes adjusted yields.

**Table 11d. List by Map Unit Symbol for Kendall County, Illinois
(With Conservation Adjustment) – LESA Worksheet #1**

| line no. | map symbl | soil name | slope | lc | Adj corn nirr yield | prd ind | i f | acres number | pct |
|----------|-----------|--------------------------|-------|----|---------------------------|------------|--------|-----------------|------|
| 1 | 24A | dodge silt loam | 0- 2 | 1 | 150 | 84 | 1 | 830 | 0.4 |
| 2 | 24B | dodge silt loam | 2- 4 | 2e | 149 | 84 | 1 | 2,110 | 1.0 |
| 3 | 24C2 | dodge silt loam | 4- 7 | 2e | 141 | 79 | S | 500 | 0.2 |
| 4 | 25F | hennepin silt loam | 15-30 | 6e | | 0 | 0 | 1,120 | 0.5 |
| 5 | 25G | hennepin silt loam | 30-45 | 7e | | 0 | 0 | 380 | 0.2 |
| 6 | 59 | lisbon silt loam | 0- 2 | 1 | 173 | 97 | 1 | 9,270 | 4.5 |
| 7 | 60B2 | la rose silt loam | 2- 4 | 2e | 136 | 76 | 1 | 620 | 0.3 |
| 8 | 60C2 | la rose silt loam | 4- 7 | 2e | 134 | 75 | 1 | 5,700 | 2.8 |
| 9 | 60C3 | la rose soils | 4- 7 | 3e | 124 | 70 | S | 1,780 | 0.9 |
| 10 | 60D3 | la rose soils | 7-12 | 4e | 107* | 60 | S | 1,600 | 0.8 |
| 11 | 67 | harpster silty clay loam | 0- 2 | 2w | 156* | 88 | 2 | 1,050 | 0.5 |
| 12 | 69 | milford silty clay loam | 0- 2 | 2w | 139* | 78 | 2 | 4,130 | 2.0 |
| 13 | 82 | millington silt loam | 0- 2 | 2w | 131* | 74 | 5 | 1,970 | 1.0 |
| 14 | 88C | sparta loamy fine sand | 3-10 | 4s | 115 | 65 | S | 90 | 0.0 |
| 15 | 91A | swygert silty clay loam | 0- 2 | 2w | 128* | 72 | 1 | 7,380 | 3.6 |
| 16 | 91B | swygert silty clay loam | 2- 4 | 2e | 127* | 71 | 1 | 1,220 | 0.6 |
| 17 | 91C2 | swygert silty clay loam | 3- 7 | 3e | 132 | 74 | 1 | 360 | 0.2 |
| 18 | 103 | houghton muck | 0- 2 | 3w | 143* | 80 | S | 680 | 0.3 |
| 19 | 104 | virgil silt loam | 0- 2 | 1 | 164 | 92 | 2 | 380 | 0.2 |
| 20 | 105A | batavia silt loam | 0- 2 | 1 | 159 | 89 | 1 | 840 | 0.4 |
| 21 | 105B | batavia silt loam | 2- 4 | 2e | 157 | 88 | 1 | 390 | 0.2 |
| 22 | 107 | sawmill silty clay loam | 0- 2 | 3w | 145* | 82 | 5 | 2,810 | 1.4 |
| 23 | 134B | camden silt loam | 1- 4 | 2e | 148 | 83 | 1 | 900 | 0.4 |
| 24 | 134C2 | camden silt loam | 4- 7 | 2e | 140 | 79 | S | 560 | 0.3 |
| 25 | 134D2 | camden silt loam | 7-12 | 3e | 136 | 76 | S | 240 | 0.1 |
| 26 | 145A | saybrook silt loam | 0- 2 | 1 | 162 | 91 | 1 | 3,150 | 1.5 |
| 27 | 145B | saybrook silt loam | 2- 4 | 2e | 160 | 90 | 1 | 19,930 | 9.7 |
| 28 | 145B2 | saybrook silt loam | 2- 4 | 2e | 154 | 87 | 1 | 2,760 | 1.3 |
| 29 | 145C2 | saybrook silt loam | 4- 7 | 2e | 152 | 85 | 1 | 4,330 | 2.1 |
| 30 | 148A | proctor silt loam | 0- 2 | 1 | 166 | 93 | 1 | 2,270 | 1.1 |
| 31 | 148B | proctor silt loam | 2- 4 | 2e | 164 | 92 | 1 | 2,200 | 1.1 |
| 32 | 148C2 | proctor silt loam | 4- 7 | 2e | 156 | 88 | 1 | 280 | 0.1 |
| 33 | 149 | brenton silt loam | 0- 2 | 1 | 176 | 99 | 1 | 7,100 | 3.4 |
| 34 | 152 | drummer silty clay loam | 0- 2 | 2w | 167* | 94 | 2 | 36,605 | 17.8 |
| 35 | 189A | martinton silt loam | 0- 2 | 2w | 141* | 79 | 1 | 4,140 | 2.0 |
| 36 | 189B | martinton silt loam | 2- 4 | 2e | 139* | 78 | 1 | 760 | 0.4 |
| 37 | 191 | knight silt loam | 0- 2 | 2w | 131* | 74 | 2 | 380 | 0.2 |
| 38 | 192 | del rey silt loam | 0- 2 | 2w | 121* | 68 | 2 | 580 | 0.3 |
| 39 | 198 | elburn silt loam | 0- 2 | 1 | 178 | 100 | 1 | 6,820 | 3.3 |
| 40 | 199A | plano silt loam | 0- 2 | 1 | 175 | 98 | 1 | 8,960 | 4.3 |

| | | | | | | | | |
|----|-------|-------------------------|----------|------|----|---|-------|-----|
| 41 | 199B | plano silt loam | 2- 4 2e | 173 | 97 | 1 | 1,640 | 0.8 |
| 42 | 199C2 | plano silt loam | 4- 7 2e | 165 | 93 | 1 | 230 | 0.1 |
| 43 | 206 | thorp silt loam | 0- 2 2w | 138* | 77 | 2 | 910 | 0.4 |
| 44 | 210 | lena muck | 0- 2 3w | 139* | 78 | S | 330 | 0.2 |
| 45 | 219 | millbrook silt loam | 0- 2 1 | 159 | 89 | 2 | 780 | 0.4 |
| 46 | 223B | varna silt loam | 1- 4 2e | 141 | 79 | 1 | 200 | 0.1 |
| 47 | 223C2 | varna silt loam | 4- 7 3e | 133 | 75 | 1 | 360 | 0.2 |
| 48 | 223D3 | varna soils | 7-15 4e | 103* | 58 | S | 150 | 0.1 |
| 49 | 224C | strawn silt loam | 4- 7 2e | 124 | 70 | S | 570 | 0.3 |
| 50 | 224C2 | strawn silt loam | 4- 7 2e | 119 | 67 | S | 1,700 | 0.8 |
| 51 | 224C3 | strawn soils | 4- 7 3e | 110 | 62 | S | 250 | 0.1 |
| 52 | 224D2 | strawn silt loam | 7-15 3e | 114 | 64 | S | 1,260 | 0.6 |
| 53 | 224D3 | strawn soils | 7-12 4e | 94* | 53 | 0 | 740 | 0.4 |
| 54 | 224F | strawn silt loam | 15-30 6e | | 0 | 0 | 200 | 0.1 |
| 55 | 228A | nappanee silt loam | 0- 2 3w | 89* | 50 | 2 | 250 | 0.1 |
| 56 | 228B | nappanee silt loam | 2- 4 3e | 88* | 49 | 1 | 140 | 0.1 |
| 57 | 235 | bryce silty clay | 0- 2 2w | 131* | 74 | 2 | 8,540 | 4.1 |
| 58 | 240A | plattville silt loam | 0- 2 1 | 145 | 81 | 1 | 1,820 | 0.9 |
| 59 | 240B | plattville silt loam | 2- 4 2e | 144 | 81 | 1 | 540 | 0.3 |
| 60 | 242 | kendall silt loam | 0- 2 2w | 147* | 83 | 2 | 360 | 0.2 |
| 61 | 243A | st. charles silt loam | 0- 2 1 | 151 | 85 | 1 | 1,340 | 0.6 |
| 62 | 243B | st. charles silt loam | 2- 4 2e | 149 | 84 | 1 | 890 | 0.4 |
| 63 | 243C2 | st. charles silt loam | 4- 7 2e | 142 | 80 | S | 240 | 0.1 |
| 64 | 304 | landes fine sandy loam | 0- 2 2s | 121 | 68 | 1 | 480 | 0.2 |
| 65 | 318C | lorenzo loam | 4- 7 3s | 126 | 71 | S | 440 | 0.2 |
| 66 | 318D2 | lorenzoloam | 7-18 4e | 95* | 54 | S | 540 | 0.3 |
| 67 | 318F | lorenzo loam | 18-40 7e | | 0 | 0 | 1,010 | 0.5 |
| 68 | 321 | du page loam | 0- 2 2w | 153 | 86 | 1 | 1,350 | 0.7 |
| 69 | 324B | ripon silt loam | 1- 4 2e | 134 | 75 | 1 | 350 | 0.2 |
| 70 | 324C2 | ripon silt loam | 4- 7 2e | 127 | 71 | 1 | 100 | 0.0 |
| 71 | 325A | dresden silt loam | 0- 2 2s | 142 | 80 | 1 | 1,630 | 0.8 |
| 72 | 325B | dresden silt loam | 2- 4 2e | 141 | 79 | 1 | 2,900 | 1.4 |
| 73 | 327B | fox silt loam | 1- 4 2e | 133 | 75 | 1 | 1,120 | 0.5 |
| 74 | 327C2 | fox silt loam | 4- 7 2e | 126 | 71 | 1 | 920 | 0.4 |
| 75 | 330 | peotone silty clay loam | 0- 2 2w | 133* | 75 | 2 | 2,030 | 1.0 |
| 76 | 369A | waupecan silt loam | 0- 2 1 | 170 | 96 | 1 | 6,230 | 3.0 |
| 77 | 369B | waupecan silt loam | 2- 4 2e | 168 | 94 | 1 | 400 | 0.2 |
| 78 | 442 | mundelein silt loam | 0- 2 1 | 169 | 95 | 1 | 7,620 | 3.7 |
| 79 | 443A | barrington silt loam | 0- 2 1 | 158 | 89 | 1 | 1,600 | 0.8 |
| 80 | 443B | barrington silt loam | 2- 4 2e | 156 | 88 | 1 | 1,310 | 0.6 |
| 81 | 443C2 | barrington silt loam | 4- 7 2e | 149 | 84 | 1 | 620 | 0.3 |
| 82 | 791A | rush silt loam | 0- 2 1 | 159 | 89 | 1 | 1,290 | 0.6 |
| 83 | 791B | rush silt loam | 2- 4 2e | 157 | 88 | 1 | 550 | 0.3 |
| 84 | CF | cut and fill land | 1- 6 2e | 93 | 52 | 0 | 640 | 0.3 |
| 85 | GP | gravel pits | 0- 0 8 | | 0 | 0 | 660 | 0.3 |
| 86 | QU | quarries | 0- 0 8 | | 0 | 0 | 120 | 0.1 |
| 87 | R69 | milford silty clay loam | 0- 2 2w | 127* | 71 | 2 | 320 | 0.2 |
| 88 | R149 | brenton silt loam | 0- 2 1 | 162 | 91 | 1 | 170 | 0.1 |
| 89 | W | water | 0- 0 8 | | 0 | 0 | 1,200 | 0.6 |

206,215

The asterisk, "*", following the yield values denotes adjusted yields.

Table 12a. Kendall County, Illinois Conservation Yield Adjustment Data for Drainage of Loamy Soils

type of limitations (e, w, s, c) w
conservation measure code 606
amount of conservation measure / acre 209
installation cost of conservation measure (\$) 1.41
life span (year(s)) 20
annual maintainance cost (\$) 0.02
land lost to installation (% of ave. yield (0-100)) 0
interest rate (0-100) 6
price for unit of indicator crop (\$) 3.9

Calculated yield reduction is 7.58. The breakdown is :

4.18 maintenance
25.39 amortized annual value
0.00 land loss

29.57 <---- divide this by price

Table 12b. Kendall County, Illinois Conservation Yield Adjustment Data for Drainage of Clayey Soils

type of limitations (e, w, s, c) w
conservation measure code 606
amount of conservation measure / acre 418
installation cost of conservation measure (\$) 1.41
life span (year(s)) 20
annual maintainance cost (\$) 0.02
land lost to installation (% of ave. yield (0-100)) 0
interest rate (0-100) 6
price for unit of indicator crop (\$) 3.9

Calculated yield reduction is 15.16. The breakdown is :

8.36 maintenance
50.78 amortized annual value
0.00 land loss

59.14 <---- divide this by price

Table 12c. Kendall County, Illinois Conservation Yield Adjustment Data for Terraces

type of limitations (e, w, s, c) e
conservation measure code 600
amount of conservation measure / acre 209
installation cost of conservation measure (\$) 2.04
life span (year(s)) 25
annual maintainance cost (\$) 0.08
land lost to installation (% of ave. yield (0-100)) 0
interest rate (0-100) 6
price for unit of indicator crop (\$) 3.9

Calculated yield reduction is 12.75. The breakdown is :

16.72 maintenance
 33.01 amortized annual value
 0.00 land loss

 49.73 <----- divide this by price

**Table 13. Grouping Data for Kendal County, Illinois
 (With Conservation Adjustment)**

| group number (1-15) | lcc (1-8) | Important Farmland (P,S,L, O,U) | low prod index (0-100) | high prod index (0-100) |
|------------------------|--------------|---------------------------------------|------------------------------|-------------------------------|
| 1 | 1 | P | 96 | 100 |
| 2 | 1 | P | 91 | 95 |
| 3 | 2w | P | 85 | 100 |
| 4 | 2e | P | 90 | 100 |
| 5 | 1 | P | 81 | 90 |
| 6 | 2e | P | 81 | 89 |
| 7 | 3w | S | 77 | 80 |
| 8 | 2e | P | 70 | 80 |
| 8 | 2s | P | 68 | 68 |
| 9 | 2w | P | 68 | 68 |
| 9 | 2w-3w | P | 69 | 84 |
| 10 | 2e-3e | S | 61 | 80 |
| 11 | 3s-4s | S | 50 | 75 |
| 12 | 2e-4e | O | 30 | 60 |
| 13 | 2s-4e | P | 49 | 64 |
| 14 | 6e-7e | O | 0 | 0 |
| 15 | 8 | O | 0 | 0 |

**Table 14. Groups – Kendall County, Illinois
 (With Conservation Adjustment)**

Group Number 1

| map syml | lc | soil name | slope | adj nir yld | prd ind | I F | acres number pct | yield x acres yld | adj yld | adjust product |
|-------------|----|------------|-------|----------------|---------|-----|---------------------|----------------------|------------|-------------------|
| 149 | 1 | brenton si | 0- | 2 | 176 | 99 | 1 7,100 3.4 | 1,249,600 | 176 | 1,249,600 |
| 198 | 1 | elburn sil | 0- | 2 | 178 | 100 | 1 6,820 3.3 | 1,213,960 | 178 | 1,213,960 |
| 59 | 1 | lisbon sil | 0- | 2 | 173 | 97 | 1 9,270 4.5 | 1,603,710 | 173 | 1,603,710 |
| 199A | 1 | plano silt | 0- | 2 | 175 | 98 | 1 8,960 4.3 | 1,568,000 | 175 | 1,568,000 |
| 369A | 1 | waupecan s | 0- | 2 | 170 | 96 | 1 6,230 3.0 | 1,059,100 | 170 | 1,059,100 |
| TOTAL | | | | | | | 38,380 18.6 | 6,694,370 | | 6,694,370 |

Weighted Average Yield = 174.42

Adjusted Weighted Average Yield = 174.42

Group Number 2

| map syml | lc | soil name | slope | adj nir yld | prd ind | I F | acres number pct | yield x acres yld | adj yld | adjust product |
|-------------|----|------------|-------|----------------|---------|-----|---------------------|----------------------|------------|-------------------|
| R149 | 1 | brenton si | 0- | 2 | 162 | 91 | 1 170 0.1 | 27,540 | 162 | 27,540 |

| | | | | | | | | | | | | |
|-------|---|------------|----|---|-----|----|---|--------|-----|-----------|-----|-----------|
| 442 | 1 | mundelein | 0- | 2 | 169 | 95 | 1 | 7,620 | 3.7 | 1,287,780 | 169 | 1,287,780 |
| 148A | 1 | proctor si | 0- | 2 | 166 | 93 | 1 | 2,270 | 1.1 | 376,820 | 166 | 376,820 |
| 145A | 1 | saybrook s | 0- | 2 | 162 | 91 | 1 | 3,150 | 1.5 | 510,300 | 162 | 510,300 |
| 104 | 1 | virgil sil | 0- | 2 | 164 | 92 | 2 | 380 | 0.2 | 62,320 | 164 | 62,320 |
| TOTAL | | | | | | | | 13,590 | 6.6 | 2,264,760 | | 2,264,760 |

Weighted Average Yield = 166.65

Adjusted Weighted Average Yield = 166.65

Group Number 3

| map syml | lc | soil name | slope | adj nir | prd yld | I ind | F | acres number | pct | yield x acres | adj yld | adjust product |
|-------------|----|------------|-------|------------|------------|----------|---|-----------------|------|------------------|------------|-------------------|
| 152 | 2w | drummer si | 0- | 2 | 167 | 94 | 2 | 36,605 | 17.8 | 6,405,875 | 167 | 6,128,334 |
| 321 | 2w | du page lo | 0- | 2 | 153 | 86 | 1 | 1,350 | 0.7 | 206,550 | 153 | 206,550 |
| 67 | 2w | harpster s | 0- | 2 | 156 | 88 | 2 | 1,050 | 0.5 | 172,200 | 156 | 164,239 |
| TOTAL | | | | | | | | 39,005 | 18.9 | 6,784,625 | | 6,499,123 |

Weighted Average Yield = 173.94

Adjusted Weighted Average Yield = 166.62

Group Number 4

| map syml | lc | soil name | slope | adj nir | prd yld | I ind | F | acres number | pct | yield x acres | adj yld | adjust product |
|-------------|----|------------|-------|------------|------------|----------|---|-----------------|------|------------------|------------|-------------------|
| 199B | 2e | plano silt | 2- | 4 | 173 | 97 | 1 | 1,640 | 0.8 | 283,720 | 173 | 283,720 |
| 199C2 | 2e | plano silt | 4- | 7 | 165 | 93 | 1 | 230 | 0.1 | 37,950 | 165 | 37,950 |
| 148B | 2e | proctor si | 2- | 4 | 164 | 92 | 1 | 2,200 | 1.1 | 360,800 | 164 | 360,800 |
| 145B | 2e | saybrook s | 2- | 4 | 160 | 90 | 1 | 19,930 | 9.7 | 3,188,800 | 160 | 3,188,800 |
| 369B | 2e | waupacan s | 2- | 4 | 168 | 94 | 1 | 400 | 0.2 | 67,200 | 168 | 67,200 |
| TOTAL | | | | | | | | 24,400 | 11.8 | 3,938,470 | | 3,938,470 |

Weighted Average Yield = 161.41

Adjusted Weighted Average Yield = 161.41

Group Number 5

| map syml | lc | soil name | slope | adj nir | prd yld | I ind | F | acres number | pct | yield x acres | adj yld | adjust product |
|-------------|----|------------|-------|------------|------------|----------|---|-----------------|-----|------------------|------------|-------------------|
| 443A | 1 | barrington | 0- | 2 | 158 | 89 | 1 | 1,600 | 0.8 | 252,800 | 158 | 252,800 |
| 105A | 1 | batavia si | 0- | 2 | 159 | 89 | 1 | 840 | 0.4 | 133,560 | 159 | 133,560 |
| 24A | 1 | dodge silt | 0- | 2 | 150 | 84 | 1 | 830 | 0.4 | 124,500 | 150 | 124,500 |
| 219 | 1 | millbrook | 0- | 2 | 159 | 89 | 2 | 780 | 0.4 | 124,020 | 159 | 124,020 |
| 240A | 1 | plattville | 0- | 2 | 145 | 81 | 1 | 1,820 | 0.9 | 263,900 | 145 | 263,900 |
| 791A | 1 | rush silt | 0- | 2 | 159 | 89 | 1 | 1,290 | 0.6 | 205,110 | 159 | 205,110 |
| 243A | 1 | st. charle | 0- | 2 | 151 | 85 | 1 | 1,340 | 0.6 | 202,340 | 151 | 202,340 |
| TOTAL | | | | | | | | 8,500 | 4.1 | 1,306,230 | | 1,306,230 |

Weighted Average Yield = 153.67

Adjusted Weighted Average Yield = 153.67

Group Number 6

| map symbl | lc | soil name | slope | adj | | | acres | | yield x adj | | adjust product | |
|--------------|----|------------|-------|-----|-----|----|--------|--------|-------------|-----------|-------------------|-----------|
| | | | | nir | prd | I | number | pct | acres | yld | | |
| 443B | 2e | barrington | 2- | 4 | 156 | 88 | 1 | 1,310 | 0.6 | 204,360 | 156 | 204,360 |
| 443C2 | 2e | barrington | 4- | 7 | 149 | 84 | 1 | 620 | 0.3 | 92,380 | 149 | 92,380 |
| 105B | 2e | batavia si | 2- | 4 | 157 | 88 | 1 | 390 | 0.2 | 61,230 | 157 | 61,230 |
| 134B | 2e | camden sil | 1- | 4 | 148 | 83 | 1 | 900 | 0.4 | 133,200 | 148 | 133,200 |
| 24B | 2e | dodge silt | 2- | 4 | 149 | 84 | 1 | 2,110 | 1.0 | 314,390 | 149 | 314,390 |
| 240B | 2e | plattville | 2- | 4 | 144 | 81 | 1 | 540 | 0.3 | 77,760 | 144 | 77,760 |
| 148C2 | 2e | proctor si | 4- | 7 | 156 | 88 | 1 | 280 | 0.1 | 43,680 | 156 | 43,680 |
| 791B | 2e | rush silt | 2- | 4 | 157 | 88 | 1 | 550 | 0.3 | 86,350 | 157 | 86,350 |
| 145B2 | 2e | saybrook s | 2- | 4 | 154 | 87 | 1 | 2,760 | 1.3 | 425,040 | 154 | 425,040 |
| 145C2 | 2e | saybrook s | 4- | 7 | 152 | 85 | 1 | 4,330 | 2.1 | 658,160 | 152 | 658,160 |
| 243B | 2e | st. charle | 2- | 4 | 149 | 84 | 1 | 890 | 0.4 | 132,610 | 149 | 132,610 |
| TOTAL | | | | | | | | 14,680 | 7.1 | 2,229,160 | | 2,229,160 |

Weighted Average Yield = 151.85

Adjusted Weighted Average Yield = 151.85

Group Number 7

| map symbl | lc | soil name | slope | adj | | | acres | | yield x adj | | adjust product | |
|--------------|----|------------|-------|-----|-----|----|--------|-------|-------------|---------|-------------------|---------|
| | | | | nir | prd | I | number | pct | acres | yld | | |
| 103 | 3w | houghton m | 0- | 2 | 143 | 80 | S | 680 | 0.3 | 107,440 | 143 | 97,128 |
| 210 | 3w | lena muck | 0- | 2 | 139 | 78 | S | 330 | 0.2 | 50,820 | 139 | 45,816 |
| TOTAL | | | | | | | | 1,010 | 0.5 | 158,260 | | 142,944 |

Weighted Average Yield = 156.69

Adjusted Weighted Average Yield = 141.53

Group Number 8

| map symbl | lc | soil name | slope | adj | | | acres | | yield x adj | | adjust product | |
|--------------|----|------------|-------|-----|-----|----|--------|--------|-------------|-----------|-------------------|-----------|
| | | | | nir | prd | I | number | pct | acres | yld | | |
| 325B | 2e | dresden si | 2- | 4 | 141 | 79 | 1 | 2,900 | 1.4 | 408,900 | 141 | 408,900 |
| 327B | 2e | fox silt l | 1- | 4 | 133 | 75 | 1 | 1,120 | 0.5 | 148,960 | 133 | 148,960 |
| 327C2 | 2e | fox silt l | 4- | 7 | 126 | 71 | 1 | 920 | 0.4 | 115,920 | 126 | 115,920 |
| 60B2 | 2e | la rose si | 2- | 4 | 136 | 76 | 1 | 620 | 0.3 | 84,320 | 136 | 84,320 |
| 60C2 | 2e | la rose si | 4- | 7 | 134 | 75 | 1 | 5,700 | 2.8 | 763,800 | 134 | 763,800 |
| 189B | 2e | martinton | 2- | 4 | 139 | 78 | 1 | 760 | 0.4 | 117,040 | 139 | 105,515 |
| 324B | 2e | ripon silt | 1- | 4 | 134 | 75 | 1 | 350 | 0.2 | 46,900 | 134 | 46,900 |
| 324C2 | 2e | ripon silt | 4- | 7 | 127 | 71 | 1 | 100 | 0.0 | 12,700 | 127 | 12,700 |
| 91B | 2e | swygert si | 2- | 4 | 127 | 71 | 1 | 1,220 | 0.6 | 173,240 | 127 | 154,740 |
| 223B | 2e | varna silt | 1- | 4 | 141 | 79 | 1 | 200 | 0.1 | 28,200 | 141 | 28,200 |
| 304 | 2s | landes fin | 0- | 2 | 121 | 68 | 1 | 480 | 0.2 | 58,080 | 121 | 58,080 |
| TOTAL | | | | | | | | 14,370 | 7.0 | 1,958,060 | | 1,928,035 |

Weighted Average Yield = 136.26

Adjusted Weighted Average Yield = 134.17

Group Number 9

| map syml | lc soil name | slope | adj nir prd I yld ind F | acres number pct | yield x adj acres yld | adjust product |
|-------------|---------------|-------|-------------------------------|---------------------|--------------------------|-------------------|
| 192 | 2w del rey si | 0- 2 | 121 68 2 | 580 0.3 | 78,880 121 | 70,085 |
| 235 | 2w bryce silt | 0- 2 | 131 74 2 | 8,540 4.1 | 1,246,840 131 | 1,117,339 |
| 325A | 2s dresden si | 0- 2 | 142 80 1 | 1,630 0.8 | 231,460 142 | 231,460 |
| 242 | 2w kendall si | 0- 2 | 147 83 2 | 360 0.2 | 55,800 147 | 53,070 |
| 191 | 2w knight sil | 0- 2 | 131 74 2 | 380 0.2 | 55,480 131 | 49,718 |
| 189A | 2w martinton | 0- 2 | 141 79 1 | 4,140 2.0 | 645,840 141 | 583,061 |
| 69 | 2w milford si | 0- 2 | 139 78 2 | 4,130 2.0 | 636,020 139 | 573,392 |
| R69 | 2w milford si | 0- 2 | 127 71 2 | 320 0.2 | 45,440 127 | 40,587 |
| 82 | 2w millington | 0- 2 | 131 74 5 | 1,970 1.0 | 273,830 131 | 258,893 |
| 330 | 2w peotone si | 0- 2 | 133 75 2 | 2,030 1.0 | 300,440 133 | 269,657 |
| 107 | 3w sawmill si | 0- 2 | 145 82 5 | 2,810 1.4 | 429,930 145 | 408,624 |
| 91A | 2w swygert si | 0- 2 | 128 72 1 | 7,380 3.6 | 1,055,340 128 | 943,429 |
| 91C2 | 3e swygert si | 3- 7 | 132 74 1 | 360 0.2 | 47,520 132 | 47,520 |
| 206 | 2w thorp silt | 0- 2 | 138 77 2 | 910 0.4 | 139,230 138 | 125,431 |
| 223C2 | 3e varna silt | 4- 7 | 133 75 1 | 360 0.2 | 47,880 133 | 47,880 |
| TOTAL | | | | 35,900 17.4 | 5,289,930 | 4,820,147 |

Weighted Average Yield = 147.35

Adjusted Weighted Average Yield = 134.27

Group Number 10

| map syml | lc soil name | slope | adj nir prd I yld ind F | acres number pct | yield x adj acres yld | adjust product |
|-------------|---------------|-------|-------------------------------|---------------------|--------------------------|-------------------|
| 134C2 | 2e camden sil | 4- 7 | 140 79 S | 560 0.3 | 78,400 140 | 78,400 |
| 134D2 | 3e camden sil | 7-12 | 136 76 S | 240 0.1 | 32,640 136 | 32,640 |
| 24C2 | 2e dodge silt | 4- 7 | 141 79 S | 500 0.2 | 70,500 141 | 70,500 |
| 60C3 | 3e la rose so | 4- 7 | 124 70 S | 1,780 0.9 | 220,720 124 | 220,720 |
| 243C2 | 2e st. charle | 4- 7 | 142 80 S | 240 0.1 | 34,080 142 | 34,080 |
| 224C | 2e strawn sil | 4- 7 | 124 70 S | 570 0.3 | 70,680 124 | 70,680 |
| 224C2 | 2e strawn sil | 4- 7 | 119 67 S | 1,700 0.8 | 202,300 119 | 202,300 |
| 224D2 | 3e strawn sil | 7-15 | 114 64 S | 1,260 0.6 | 143,640 114 | 143,640 |
| 224C3 | 3e strawn soi | 4- 7 | 110 62 S | 250 0.1 | 27,500 110 | 27,500 |
| TOTAL | | | | 7,100 3.4 | 880,460 | 880,460 |

Weighted Average Yield = 124.01

Adjusted Weighted Average Yield = 124.01

Group Number 11

| map syml | lc soil name | slope | adj nir prd I yld ind F | acres number pct | yield x adj acres yld | adjust product |
|-------------|---------------|-------|-------------------------------|---------------------|--------------------------|-------------------|
| 60D3 | 4e la rose so | 7-12 | 107 60 S | 1,600 0.8 | 192,000 107 | 171,597 |
| 318C | 3s lorenzo lo | 4- 7 | 126 71 S | 440 0.2 | 55,440 126 | 55,440 |
| 318D2 | 4e lorenzoloa | 7-18 | 95 54 S | 540 0.3 | 58,320 95 | 51,434 |
| 88C | 4s sparta loa | 3-10 | 115 65 S | 90 0.0 | 10,350 115 | 10,350 |
| 223D3 | 4e varna soil | 7-15 | 103 58 S | 150 0.1 | 17,400 103 | 15,487 |
| TOTAL | | | | 2,820 1.4 | 333,510 | 304,308 |

Weighted Average Yield = 118.27

Adjusted Weighted Average Yield = 107.91

Group Number 12

**Table 15. Relative Values – Kendall County, Illinois
(With Conservation Adjustment) – LESA Worksheet #2**

| Ag. group | lcc | important farmland | potential or productivity | % | cum'ltv % | acres | cum'ltv acres | relative value |
|-----------|-------|--------------------|---------------------------|------|-----------|--------|---------------|----------------|
| 1 | 1 | prime | 96-100 | 18.6 | 18.6 | 38,380 | 38,380 | 100 |
| 2 | 1 | prime | 91- 95 | 6.6 | 25.2 | 13,590 | 51,970 | 96 |
| 3 | 2w | prime | 86- 94 | 18.9 | 44.1 | 39,005 | 90,975 | 96 |
| 4 | 2e | prime | 90- 97 | 11.8 | 55.9 | 24,400 | 115,375 | 93 |
| 5 | 1 | prime | 81- 89 | 4.1 | 60.1 | 8,500 | 123,875 | 88 |
| 6 | 2e | prime | 81- 88 | 7.1 | 67.2 | 14,680 | 138,555 | 87 |
| 7 | 3w | state | 78- 80 | 0.5 | 67.7 | 1,010 | 139,565 | 81 |
| 8 | 2e | prime | 71- 79 | 6.7 | | | | 77 |
| | 2s | prime | 68- 68 | 0.2 | 74.6 | 14,370 | 153,935 | 77 |
| 9 | 2w | prime | 68- 68 | 0.3 | | | | 77 |
| | 2w-3w | prime | 71- 83 | 17.1 | 92.1 | 35,900 | 189,835 | 77 |
| 10 | 2e-3e | state | 62- 80 | 3.4 | 95.5 | 7,100 | 196,935 | 71 |
| 11 | 3s-4s | state | 54- 71 | 1.4 | 96.9 | 2,820 | 199,755 | 62 |
| 12 | 2e-4e | other | 52- 53 | 0.7 | 97.5 | 1,380 | 201,135 | 54 |
| 13 | 2s-4e | prime | 49- 50 | 0.2 | 97.7 | 390 | 201,525 | 51 |
| 14 | 6e-7e | other | - | 1.3 | 99.0 | 2,710 | 204,235 | 0 |
| 15 | 8 | other | - | 1.0 | 100.0 | 1,980 | 206,215 | 0 |

FPPA acres: 200,145 (97.1% of county)
 Farmable acres: 201,525 (97.7% of county)
 Grouped acres: 206,215
 Total acres: 206,215

Note: The proposed LE part of LESA web site is for NRCS and others responsible for the Land Evaluation portion of a Land Evaluation and Site Assessment (LESA) system. It requires significant user input and results vary based upon user knowledge and emphasis. Official NRCS Land Evaluation results to be used for the Farmland Protection Policy Act (FPPA) are approved by the NRCS State Conservationist and placed in the Field Office Technical Guide (FOTG). For more information contact your local or state NRCS office.