Example 4-5: Calcium concentration in soil series from loessial

plains (Soil Conservation Service, 1982 classification)

Soil series number from arbitrary numbering

Depth measured in 15 cm increments starting with 1 = 0 - 15 cm

Soil Depth Sample Calcium

series increment number (rep) concentration

------------------------------------------------

3 1 1 1139.5

3 1 2 1241.0

3 1 3 1198.5

3 1 4 979.5

3 1 5 1064.5

3 2 1 551.0

3 2 2 733.5

3 2 3 722.5

3 2 4 517.0

3 2 5 861.5

3 3 1 431.5

3 3 2 428.0

3 3 3 427.0

3 3 4 378.5

3 3 5 465.5

3 4 1 395.5

3 4 2 326.5

3 4 3 311.0

3 4 4 331.5

3 4 5 365.0

3 5 1 493.0

3 5 2 441.5

3 5 3 427.0

3 5 4 357.0

3 5 5 351.0

4 1 1 780.0

4 1 2 959.0

4 1 3 927.0

4 1 4 994.5

4 1 5 1075.0

4 2 1 727.5

4 2 2 592.0

4 2 3 556.5

4 2 4 337.0

4 2 5 771.5

4 3 1 635.5

4 3 2 544.5

4 3 3 510.5

4 3 4 374.5

4 3 5 483.5

4 4 1 695.5

4 4 2 587.5

4 4 3 568.0

4 4 4 509.5

4 4 5 610.5

4 5 1 930.5

4 5 2 765.0

4 5 3 727.0

4 5 4 681.0

4 5 5 805.0

7 1 1 2103.5

7 1 2 1598.5

7 1 3 1606.5

7 1 4 1807.5

7 1 5 1873.0

7 2 1 1111.0

7 2 2 537.5

7 2 3 499.0

7 2 4 954.0

7 2 5 975.5

7 3 1 418.5

7 3 2 272.0

7 3 3 258.5

7 3 4 472.5

7 3 5 515.0

7 4 1 354.5

7 4 2 276.0

7 4 3 253.0

7 4 4 399.5

7 4 5 390.5

7 5 1 492.5

7 5 2 314.5

7 5 3 298.0

7 5 4 252.5

7 5 5 286.0

10 1 1 1319.0

10 1 2 1030.0

10 1 3 987.5

10 1 4 959.0

10 1 5 1032.5

10 2 1 886.0

10 2 2 627.5

10 2 3 599.5

10 2 4 662.0

10 2 5 555.5

10 3 1 490.0

10 3 2 427.5

10 3 3 404.0

10 3 4 386.5

10 3 5 309.5

10 4 1 478.0

10 4 2 239.5

10 4 3 243.0

10 4 4 209.0

10 4 5 333.0

10 5 1 417.5

10 5 2 328.5

10 5 3 320.0

10 5 4 109.0

10 5 5 373.0

13 1 1 1247.5

13 1 2 875.5

13 1 3 851.0

13 1 4 805.0

13 1 5 1017.5

13 2 1 913.5

13 2 2 1062.5

13 2 3 1029.5

13 2 4 933.5

13 2 5 755.5

13 3 1 .

13 3 2 365.0

13 3 3 369.0

13 3 4 699.5

13 3 5 314.5

13 4 1 302.5

13 4 2 360.0

13 4 3 358.0

13 4 4 193.5

13 4 5 250.5

13 5 1 338.0

13 5 2 440.5

13 5 3 414.5

13 5 4 311.5

13 5 5 311.5

16 1 1 961.0

16 1 2 894.0

16 1 3 881.0

16 1 4 844.0

16 1 5 889.5

16 2 1 539.0

16 2 2 454.5

16 2 3 446.0

16 2 4 319.0

16 2 5 554.0

16 3 1 298.5

16 3 2 252.0

16 3 3 240.0

16 3 4 226.5

16 3 5 19.0

16 4 1 264.0

16 4 2 227.0

16 4 3 209.5

16 4 4 202.0

16 4 5 228.5

16 5 1 291.5

16 5 2 368.0

16 5 3 358.5

16 5 4 322.0

16 5 5 324.5