

Table 8. Comparison of pH and aluminum in samples from 2013 and post -limed samples taken in 2015 at SARE Site D.

| SARE SITE | Landscape | Depth inches | pH 2014 | pH lime2015 | pH L15-14 | Difference | KCl Al 2014 mg/kg | KCl Al lime2015 mg/kg | KCl Al L15-s14 difference | |
|-----------|-----------|--------------|-------------|-------------|-----------|------------|-------------------|-----------------------|---------------------------|---|
| D | bottom | 0to1 | 5.70 | 5.73 | 0.03 | | 2.7 | 0.1 | -2.57 | |
| D | bottom | 1to2 | 5.43 | 5.50 | 0.07 | | 9.1 | 3.7 | -5.45 | |
| D | bottom | 2to3 | 5.12 | 5.40 | 0.28 | | 5.0 | 13.5 | 8.44 | * |
| D | bottom | 3to4 | 5.27 | 5.10 | -0.17 | | 1.6 | 11.9 | 10.25 | * |
| D | bottom | 4to6 | 5.46 | 5.20 | -0.26 | | 0.4 | 2.6 | 2.07 | |
| D | bottom | 6to8 | 5.85 | 5.22 | -0.63 | * | 0.4 | 0.1 | -0.33 | |
| D | middle | 0to1 | 4.95 | 5.40 | 0.45 | * | 36.9 | 21.3 | -15.58 | * |
| D | middle | 1to2 | 4.66 | 5.10 | 0.44 | * | 67.9 | 27.9 | -39.94 | * |
| D | middle | 2to3 | 4.65 | 5.11 | 0.46 | * | 46.2 | 25.8 | -20.43 | * |
| D | middle | 3to4 | 4.82 | 4.97 | 0.15 | | 22.1 | 9.1 | -13.04 | * |
| D | middle | 4to6 | 5.14 | 5.00 | -0.14 | | 3.9 | 3.7 | -0.17 | |
| D | middle | 6to8 | 5.23 | 5.00 | -0.23 | | 3.5 | 1.5 | -2.01 | |
| D | top | 0to1 | 5.13 | 5.48 | 0.35 | | 38.0 | 19.7 | -18.30 | * |
| D | top | 1to2 | 5.00 | 5.35 | 0.35 | | 36.8 | 23.9 | -12.91 | * |
| D | top | 2to3 | 5.20 | 5.35 | 0.15 | | 22.1 | 14.0 | -8.13 | * |
| D | top | 3to4 | 5.33 | 5.46 | 0.13 | | 6.7 | 10.8 | 4.10 | |
| D | top | 4to6 | 5.59 | 5.54 | -0.05 | | 0.8 | 1.0 | 0.19 | |
| D | top | 6to8 | 5.94 | 5.67 | -0.27 | | 6.3 | 5.8 | -0.52 | |

Bold data indicate low pH levels and high Aluminum. The asterisks indicate significant difference at $P \leq 0.05$.