Mean weight diameter and geometric mean diameter of aggregates as affected by surface application of lime and phosphogypsum in different soil layers, in a tropical no-tillage system.

| Treatment         | Rep | Mean weight diameter | Geometric mean diameter |
|-------------------|-----|-----------------------|-------------------------|
|                   |     | 0-0.05 m | 0.05-0.10 m | 0.10-0.20 m | 0.20-0.40 m | 0.40-0.60 m | 0-0.05 m | 0.05-0.10 m | 0.10-0.20 m | 0.20-0.40 m | 0.40-0.60 m |
| Control           | 1   | 2.84      | 1.32       | 0.88       | 0.61       | 0.52       | 1.29      | 0.48       | 0.39       | 0.35       | 0.30       |
|                   | 2   | 2.85      | 1.37       | 0.94       | 0.66       | 0.57       | 1.28      | 0.49       | 0.41       | 0.36       | 0.30       |
|                   | 3   | 2.83      | 1.27       | 0.89       | 0.65       | 0.54       | 1.29      | 0.47       | 0.39       | 0.34       | 0.29       |
|                   | 4   | 2.89      | 1.41       | 0.91       | 0.70       | 0.48       | 1.28      | 0.53       | 0.44       | 0.36       | 0.30       |
| Gypsum            | 1   | 2.71      | 1.64       | 1.64       | 0.94       | 0.58       | 1.05      | 0.61       | 0.68       | 0.41       | 0.31       |
|                   | 2   | 2.79      | 1.72       | 1.49       | 1.03       | 0.60       | 1.14      | 0.69       | 0.66       | 0.40       | 0.30       |
|                   | 3   | 2.85      | 1.72       | 1.49       | 1.03       | 0.55       | 1.22      | 0.67       | 0.62       | 0.43       | 0.32       |
|                   | 4   | 2.77      | 1.92       | 1.63       | 0.94       | 0.51       | 1.15      | 0.79       | 0.67       | 0.37       | 0.27       |
| Lime              | 1   | 3.57      | 1.94       | 1.56       | 1.13       | 0.59       | 2.00      | 0.83       | 0.61       | 0.53       | 0.30       |
|                   | 2   | 3.32      | 1.81       | 1.44       | 1.05       | 0.55       | 1.78      | 0.74       | 0.56       | 0.45       | 0.28       |
|                   | 3   | 3.29      | 1.78       | 1.31       | 0.95       | 0.52       | 1.76      | 0.68       | 0.50       | 0.40       | 0.27       |
|                   | 4   | 3.09      | 1.77       | 1.49       | 1.08       | 0.54       | 1.60      | 0.73       | 0.58       | 0.43       | 0.27       |
| Lime + Gypsum     | 1   | 3.41      | 2.27       | 1.87       | 1.59       | 0.84       | 1.81      | 1.03       | 0.79       | 0.63       | 0.41       |
|                   | 2   | 3.26      | 2.25       | 1.73       | 1.54       | 0.84       | 1.70      | 0.93       | 0.77       | 0.68       | 0.39       |
|                   | 3   | 2.86      | 2.01       | 1.76       | 1.38       | 0.73       | 1.42      | 0.80       | 0.69       | 0.54       | 0.33       |
|                   | 4   | 3.30      | 2.21       | 1.45       | 1.24       | 0.85       | 1.72      | 0.95       | 0.59       | 0.51       | 0.37       |