

Potassium Soil Fertility Recommendations for Lawn and Gardens

Mehlich III potassium by ICP only (ppm or mg/kg) in Soil

updated on 3-30-2012: soiltesting.tamu.edu

| | 0 | 10 | 20 | 30 | 40 | 45 | 50 | 55 | 60 | 70 | 80 |
|---|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | -----lbs K2O/1000 sqft----- | | | | | | | | | | |
| AZALEAS AND CAMELIAS | 4 | 3.7 | 3.5 | 3.3 | 3 | 2.9 | 2.8 | 2.7 | 2.6 | 2.4 | 2.1 |
| Blackberries/Raspberries - Garden | 3 | 2.8 | 2.6 | 2.4 | 2.3 | 2.2 | 2.1 | 2 | 1.9 | 1.8 | 1.6 |
| FLOWERS | 4 | 3.7 | 3.5 | 3.3 | 3 | 2.9 | 2.8 | 2.7 | 2.6 | 2.4 | 2.1 |
| FRUIT TREES | 4 | 3.7 | 3.5 | 3.3 | 3 | 2.9 | 2.8 | 2.7 | 2.6 | 2.4 | 2.1 |
| GARDEN | 4 | 3.7 | 3.5 | 3.3 | 3 | 2.9 | 2.8 | 2.7 | 2.6 | 2.4 | 2.1 |
| LANDSCAPE (LAWN , TREES , SHRUBS , OR GROUND COVER) | 4 | 3.7 | 3.5 | 3.3 | 3 | 2.9 | 2.8 | 2.7 | 2.6 | 2.4 | 2.1 |
| LAWN | 3 | 2.8 | 2.6 | 2.4 | 2.3 | 2.2 | 2.1 | 2 | 1.9 | 1.7 | 1.6 |
| LAWN ESTABLISHMENT | 4 | 3.7 | 3.5 | 3.3 | 3 | 2.9 | 2.8 | 2.7 | 2.6 | 2.4 | 2.1 |
| PECANS (INDIVIDUAL TREES) | 3 | 2.8 | 2.6 | 2.4 | 2.3 | 2.2 | 2.1 | 2 | 1.9 | 1.8 | 1.6 |
| ROSES | 4 | 3.7 | 3.5 | 3.3 | 3 | 2.9 | 2.8 | 2.7 | 2.6 | 2.4 | 2.1 |
| SHADE TREES | 3 | 2.8 | 2.6 | 2.4 | 2.3 | 2.2 | 2.1 | 2 | 1.9 | 1.8 | 1.6 |
| SHRUBS AND ORNAMENTALS | 4 | 3.7 | 3.5 | 3.3 | 3 | 2.9 | 2.8 | 2.7 | 2.6 | 2.4 | 2.1 |



Soil, Water and Forage Testing Laboratory

Potassium recommendations applicable for methods used by laboratory.

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| | 90 | 100 | 110 | 120 | 130 | 135 | 140 | 150 | 160 | 170 | 175 |
|---|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | -----lbs K2O/1000 sqft----- | | | | | | | | | | |
| AZALEAS AND CAMELIAS | 1.9 | 1.7 | 1.4 | 1.2 | 1 | 0.9 | 0.8 | 0.5 | 0.3 | 0.1 | 0 |
| Blackberries/Raspberries - Garden | 1.4 | 1.2 | 1.1 | 0.9 | 0.7 | 0.6 | 0.6 | 0.4 | 0.2 | 0 | 0 |
| FLOWERS | 1.9 | 1.7 | 1.4 | 1.2 | 1 | 0.9 | 0.8 | 0.5 | 0.3 | 0.1 | 0 |
| FRUIT TREES | 1.9 | 1.7 | 1.4 | 1.2 | 1 | 0.9 | 0.8 | 0.5 | 0.3 | 0.1 | 0 |
| GARDEN | 1.9 | 1.7 | 1.4 | 1.2 | 1 | 0.9 | 0.8 | 0.5 | 0.3 | 0.1 | 0 |
| LANDSCAPE (LAWN , TREES , SHRUBS , OR GROUND COVER) | 1.9 | 1.7 | 1.4 | 1.2 | 1 | 0.9 | 0.8 | 0.5 | 0.3 | 0.1 | 0 |
| LAWN | 1.4 | 1.2 | 1.1 | 0.9 | 0.7 | 0.6 | 0.5 | 0.4 | 0.2 | 0 | |
| LAWN ESTABLISHMENT | 1.9 | 1.7 | 1.4 | 1.2 | 1 | 0.9 | 0.8 | 0.5 | 0.3 | 0.1 | 0 |
| PECANS (INDIVIDUAL TREES) | 1.4 | 1.2 | 1.1 | 0.9 | 0.7 | 0.6 | 0.6 | 0.4 | 0.2 | 0 | |
| ROSES | 1.9 | 1.7 | 1.4 | 1.2 | 1 | 0.9 | 0.8 | 0.5 | 0.3 | 0.1 | 0 |
| SHADE TREES | 1.4 | 1.2 | 1.1 | 0.9 | 0.7 | 0.6 | 0.6 | 0.4 | 0.2 | 0 | 0 |
| SHRUBS AND ORNAMENTALS | 1.9 | 1.7 | 1.4 | 1.2 | 1 | 0.9 | 0.8 | 0.5 | 0.3 | 0.1 | 0 |