# Appendix A. Nutrient and Fertilizer Recommendation Worksheet.

**Test Item** | **Desirable Ranges** | **Soil Test Values**<br>(from your soil test report) | **Lime Recommendations**
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**pH** | 6.3–7.0 | | |

Buffer pH or Lime Test Index | 6.8–7.0 | 68–70 | |

| **Nutrient** | **Parts per million (ppm)** | **Parts per million (ppm)** | **Nutrient recommendation (lb/acre)** |
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Phosphorus (P) | 20–40 | | |

Potassium (K) | | | |

CEC<5 meg/100g | 100–130 | | |

CEC>5 meg/100g | 120–170 | | |

Calcium (Ca) | 400–8,000 | | — |

Magnesium (Mg) | 75–1,000 | | — |

| **Nutrient** | **Nutrient Recommendation (lb/acre)** | **Fertilizer Source** | **Amount of Fertilizer to Apply (lb/acre)\(^1\)** | **Other Nutrients Added\(^2\)** |
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\(^1\) Pounds of fertilizer per acre = (nutrient recommendation) ÷ (fertilizer analysis/100).

\(^2\) Other nutrients added = (pounds of fertilizer/acre) x (fertilizer analysis/100).