



AgroLab, Inc.

SMP Buffer pH Liming Table

Soil Fertility Quick Reference Guide

| Soil Buffer pH | 5.2 | Target Soil pH | 6.2 | 6.5 | 6.8 |
|----------------|-----|----------------|-----|-----|-----|
| 6.9            |     |                |     |     |     |
| 6.8            |     |                |     |     |     |
| 6.7            |     |                |     |     |     |
| 6.6            |     |                |     |     |     |
| 6.5            |     |                |     |     |     |
| 6.4            |     |                |     |     |     |
| 6.3            |     |                |     |     |     |

Gray area: Consider lime amendment

Quick Reference:

AgroLab,  
Mattlind  
Milford,  
Phone:  
2734 •  
412-0873

| AgroLab Mehlich 3 Soil Test P ppm               | Approximate % Sufficiency | Approximate University of Delaware Rating | U of Delaware FIV | U of Maryland FIV |
|---|---------------------------|---|-------------------|-------------------|
| 0-25  | 25-50                     | Low                                       | 0-25              | 0-32              |
| 26-50   | 51-89                     | Medium                                    | 26-50             | 33-57             |
| <b>51-100</b>                                   | <b>90-99</b>              | <b>Optimum</b>                            | <b>51-100</b>     | <b>58-108</b>     |
| 100+  | 100                       | Excessive                                 | 100+              | 109+              |
| AgroLab Mehlich 3 Soil Test K ppm               | Approximate % Sufficiency | Approximate University of Delaware Rating | U of Delaware FIV | U of Maryland FIV |
| 0-46  | 25-50                     | Low                                       | 0-25              | 0-28              |
| 47-91   | 51-89                     | Medium                                    | 26-50             | 29-56             |
| <b>92-182</b>                                   | <b>90-99</b>              | <b>Optimum</b>                            | <b>51-100</b>     | <b>57-111</b>     |
| 183+  | 100                       | Excessive                                 | 100+              | 112+              |
| <i>Note: based on Delmarva soils (OM: 1-5%)</i> |                           |   |                   |                   |
| AgroLab Mehlich 3 Soil Test Ca ppm              | Approximate % Sufficiency | Approximate University of Delaware Rating | U of Delaware FIV | U of Maryland FIV |
| 0-250   | 25-50                     | Low                                       | 0-25              | 0-18              |
| 256-500   | 51-89                     | Medium                                    | 26-50             | 19-44             |
| <b>501-1,000</b>                                | <b>90-99</b>              | <b>Optimum</b>                            | <b>51-100</b>     | <b>45-97</b>      |
| 1,000+  | 100                       | Excessive                                 | 100+              | 98+               |
| AgroLab Mehlich 3 Soil Test Mg ppm              | Approximate % Sufficiency | Approximate University of Delaware Rating | U of Delaware FIV | U of Maryland FIV |
| 0-33  | 25-50                     | Low                                       | 0-25              | 0-34              |
| 34-66   | 51-89                     | Medium                                    | 26-50             | 35-58             |
| <b>67-131</b>                                   | <b>90-99</b>              | <b>Optimum</b>                            | <b>51-100</b>     | <b>59-106</b>     |
| 131+  | 100                       | Excessive                                 | 101+              | 107+              |
| AgroLab Mehlich 3 Soil Test S ppm               | Approximate % Sufficiency | Approximate University of Delaware Rating | U of Delaware FIV | U of Maryland FIV |
| 0-6   | 25-50                     | Low                                       | N/A               | N/A               |
| 7-12  | 51-89                     | Medium                                    |                   |                   |
| <b>13-17</b>                                    | <b>90-99</b>              | <b>Optimum</b>                            |                   |                   |
| 18+   | 100                       | Excessive                                 |                   |                   |

Inc. 1009  
Way,  
DE 19963 •  
(302) 265-  
Fax: (888)

