



Department of Environmental Science  
and Technology

Agricultural Nutrient Management Program

## Soil Test Levels (FIVs), Soil Test Category and Yield Response

| Soil Test Fertility Index Value (FIV) | Soil Test Category | Likelihood of Yield Response |
|---------------------------------------|--------------------|------------------------------|
| 0-25                                  | low                | yield response likely        |
| 26-50                                 | medium             | yield response possible      |
| 51-100                                | optimum            | yield response unlikely      |
| >100                                  | excessive          | yield response very unlikely |

Your soil tests have been converted to the Maryland Fertility Index Value (FIV) scale.

Not all soil testing laboratories use the same extraction methods. There are also a number of ways in which the results can be reported (i.e., pounds per acre or ppm; P or P<sub>2</sub>O<sub>5</sub>). Converting soil test results from several laboratories to a common scale simplifies the process of making recommendations for agricultural crops grown in Maryland.

For more information about converting soil test results to the FIV scale and the basis for the conversions, please consult Soil Fertility Management 4 (SFM-4), *Converting Among Soil Test Analyses Frequently Used in Maryland*.

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