

SUMMARY REPORT-SOIL pH

Agronomic Samples

| Soil pH | # of Samples |
|----------------|---------------------|
| | 1 |
| <= 5.5 | 1,841 |
| 5.6 - 6.0 | 2,842 |
| 6.1 - 6.5 | 4,986 |
| 6.6 - 7.0 | 5,587 |
| 7.1 - 7.5 | 1,931 |
| > 7.5 | 520 |
| | 61 |
| TOTAL: | <hr/> 17,769 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|------------------|----------------------|-----------|---------------------|
| ADAMS | 138 | | |
| | | <= 5.5 | 4 |
| | | 5.6 - 6.0 | 23 |
| | | 6.1 - 6.5 | 41 |
| | | 6.6 - 7.0 | 55 |
| | | 7.1 - 7.5 | 13 |
| | | > 7.5 | 2 |
| ALLEGHENY | 288 | | |
| | | <= 5.5 | 50 |
| | | 5.6 - 6.0 | 45 |
| | | 6.1 - 6.5 | 51 |
| | | 6.6 - 7.0 | 55 |
| | | 7.1 - 7.5 | 46 |
| | | > 7.5 | 41 |
| ARMSTRONG | 133 | | |
| | | <= 5.5 | 12 |
| | | 5.6 - 6.0 | 53 |
| | | 6.1 - 6.5 | 31 |
| | | 6.6 - 7.0 | 24 |
| | | 7.1 - 7.5 | 13 |
| BEAVER | 240 | | |
| | | <= 5.5 | 19 |
| | | 5.6 - 6.0 | 58 |
| | | 6.1 - 6.5 | 78 |
| | | 6.6 - 7.0 | 52 |
| | | 7.1 - 7.5 | 26 |
| | | > 7.5 | 7 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|-----------------|----------------------|-----------|---------------------|
| BEDFORD | 136 | | |
| | | <= 5.5 | 5 |
| | | 5.6 - 6.0 | 15 |
| | | 6.1 - 6.5 | 46 |
| | | 6.6 - 7.0 | 42 |
| | | 7.1 - 7.5 | 24 |
| | | > 7.5 | 4 |
| BERKS | 1,151 | | |
| | | <= 5.5 | 18 |
| | | 5.6 - 6.0 | 64 |
| | | 6.1 - 6.5 | 244 |
| | | 6.6 - 7.0 | 743 |
| | | 7.1 - 7.5 | 80 |
| | | > 7.5 | 2 |
| BLAIR | 176 | | |
| | | <= 5.5 | 22 |
| | | 5.6 - 6.0 | 19 |
| | | 6.1 - 6.5 | 25 |
| | | 6.6 - 7.0 | 51 |
| | | 7.1 - 7.5 | 55 |
| | | > 7.5 | 4 |
| BRADFORD | 674 | | |
| | | <= 5.5 | 66 |
| | | 5.6 - 6.0 | 134 |
| | | 6.1 - 6.5 | 212 |
| | | 6.6 - 7.0 | 186 |
| | | 7.1 - 7.5 | 73 |
| | | > 7.5 | 3 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|----------------|----------------------|----------------|---------------------|
| BUCKS | 171 | <= 5.5 | 50 |
| | | 5.6 - 6.0 | 43 |
| | | 6.1 - 6.5 | 38 |
| | | 6.6 - 7.0 | 28 |
| | | 7.1 - 7.5 | 8 |
| | | > 7.5 | 4 |
| | | BUTLER | 577 |
| 5.6 - 6.0 | 111 | | |
| 6.1 - 6.5 | 185 | | |
| 6.6 - 7.0 | 142 | | |
| 7.1 - 7.5 | 54 | | |
| > 7.5 | 27 | | |
| CAMBRIA | 239 | | |
| | | 5.6 - 6.0 | 41 |
| | | 6.1 - 6.5 | 72 |
| | | 6.6 - 7.0 | 52 |
| | | 7.1 - 7.5 | 22 |
| | | > 7.5 | 2 |
| | | CAMERON | 13 |
| 5.6 - 6.0 | 2 | | |
| 6.1 - 6.5 | 3 | | |
| 6.6 - 7.0 | 1 | | |
| 7.1 - 7.5 | 1 | | |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|----------------|----------------------|-----------|---------------------|
| CARBON | 36 | | |
| | | <= 5.5 | 7 |
| | | 5.6 - 6.0 | 10 |
| | | 6.1 - 6.5 | 11 |
| | | 6.6 - 7.0 | 7 |
| | | 7.1 - 7.5 | 1 |
| CENTRE | 2,878 | | |
| | | | 1 |
| | | <= 5.5 | 268 |
| | | 5.6 - 6.0 | 261 |
| | | 6.1 - 6.5 | 728 |
| | | 6.6 - 7.0 | 1,044 |
| | | 7.1 - 7.5 | 430 |
| | | > 7.5 | 146 |
| CHESTER | 94 | | |
| | | <= 5.5 | 9 |
| | | 5.6 - 6.0 | 12 |
| | | 6.1 - 6.5 | 36 |
| | | 6.6 - 7.0 | 20 |
| | | 7.1 - 7.5 | 14 |
| | | > 7.5 | 3 |
| CLARION | 159 | | |
| | | <= 5.5 | 21 |
| | | 5.6 - 6.0 | 40 |
| | | 6.1 - 6.5 | 54 |
| | | 6.6 - 7.0 | 36 |
| | | 7.1 - 7.5 | 5 |
| | | > 7.5 | 3 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|-------------------|----------------------|-----------|---------------------|
| CLEARFIELD | 258 | | |
| | | <= 5.5 | 35 |
| | | 5.6 - 6.0 | 44 |
| | | 6.1 - 6.5 | 68 |
| | | 6.6 - 7.0 | 56 |
| | | 7.1 - 7.5 | 43 |
| | | > 7.5 | 12 |
| CLINTON | 173 | | |
| | | <= 5.5 | 15 |
| | | 5.6 - 6.0 | 16 |
| | | 6.1 - 6.5 | 38 |
| | | 6.6 - 7.0 | 71 |
| | | 7.1 - 7.5 | 33 |
| COLUMBIA | 167 | | |
| | | <= 5.5 | 16 |
| | | 5.6 - 6.0 | 28 |
| | | 6.1 - 6.5 | 73 |
| | | 6.6 - 7.0 | 37 |
| | | 7.1 - 7.5 | 11 |
| | | > 7.5 | 2 |
| CRAWFORD | 563 | | |
| | | <= 5.5 | 65 |
| | | 5.6 - 6.0 | 113 |
| | | 6.1 - 6.5 | 250 |
| | | 6.6 - 7.0 | 121 |
| | | 7.1 - 7.5 | 13 |
| | | > 7.5 | 1 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|-------------------|----------------------|-----------|---------------------|
| CUMBERLAND | 279 | | |
| | | <= 5.5 | 28 |
| | | 5.6 - 6.0 | 37 |
| | | 6.1 - 6.5 | 52 |
| | | 6.6 - 7.0 | 99 |
| | | 7.1 - 7.5 | 52 |
| | | > 7.5 | 11 |
| DAUPHIN | 229 | | |
| | | <= 5.5 | 31 |
| | | 5.6 - 6.0 | 27 |
| | | 6.1 - 6.5 | 64 |
| | | 6.6 - 7.0 | 82 |
| | | 7.1 - 7.5 | 21 |
| | | > 7.5 | 4 |
| DELAWARE | 35 | | |
| | | <= 5.5 | 2 |
| | | 5.6 - 6.0 | 7 |
| | | 6.1 - 6.5 | 5 |
| | | 6.6 - 7.0 | 15 |
| | | 7.1 - 7.5 | 3 |
| | | > 7.5 | 3 |
| ELK | 132 | | |
| | | <= 5.5 | 16 |
| | | 5.6 - 6.0 | 15 |
| | | 6.1 - 6.5 | 38 |
| | | 6.6 - 7.0 | 46 |
| | | 7.1 - 7.5 | 14 |
| | | > 7.5 | 3 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|---------------|----------------------|-----------------|---------------------|
| ERIE | 294 | <= 5.5 | 38 |
| | | 5.6 - 6.0 | 52 |
| | | 6.1 - 6.5 | 99 |
| | | 6.6 - 7.0 | 96 |
| | | 7.1 - 7.5 | 8 |
| | | > 7.5 | 1 |
| | | FAYETTE | 124 |
| 5.6 - 6.0 | 29 | | |
| 6.1 - 6.5 | 47 | | |
| 6.6 - 7.0 | 34 | | |
| 7.1 - 7.5 | 5 | | |
| FOREST | 111 | | |
| | | 5.6 - 6.0 | 11 |
| | | 6.1 - 6.5 | 34 |
| | | 6.6 - 7.0 | 49 |
| | | 7.1 - 7.5 | 9 |
| | | > 7.5 | 4 |
| | | FRANKLIN | 317 |
| 5.6 - 6.0 | 21 | | |
| 6.1 - 6.5 | 50 | | |
| 6.6 - 7.0 | 125 | | |
| 7.1 - 7.5 | 57 | | |
| > 7.5 | 56 | | |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|-------------------|----------------------|-----------|---------------------|
| FULTON | 70 | | |
| | | <= 5.5 | 3 |
| | | 5.6 - 6.0 | 16 |
| | | 6.1 - 6.5 | 14 |
| | | 6.6 - 7.0 | 20 |
| | | 7.1 - 7.5 | 13 |
| | | > 7.5 | 4 |
| GREENE | 153 | | |
| | | <= 5.5 | 21 |
| | | 5.6 - 6.0 | 38 |
| | | 6.1 - 6.5 | 46 |
| | | 6.6 - 7.0 | 26 |
| | | 7.1 - 7.5 | 21 |
| | | > 7.5 | 1 |
| HUNTINGDON | 202 | | |
| | | <= 5.5 | 20 |
| | | 5.6 - 6.0 | 21 |
| | | 6.1 - 6.5 | 55 |
| | | 6.6 - 7.0 | 75 |
| | | 7.1 - 7.5 | 31 |
| INDIANA | 236 | | |
| | | <= 5.5 | 25 |
| | | 5.6 - 6.0 | 58 |
| | | 6.1 - 6.5 | 98 |
| | | 6.6 - 7.0 | 38 |
| | | 7.1 - 7.5 | 14 |
| | | > 7.5 | 3 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|-------------------|----------------------|-----------|---------------------|
| JEFFERSON | 424 | | |
| | | <= 5.5 | 64 |
| | | 5.6 - 6.0 | 60 |
| | | 6.1 - 6.5 | 145 |
| | | 6.6 - 7.0 | 112 |
| | | 7.1 - 7.5 | 38 |
| | | > 7.5 | 5 |
| JUNIATA | 227 | | |
| | | <= 5.5 | 3 |
| | | 5.6 - 6.0 | 22 |
| | | 6.1 - 6.5 | 68 |
| | | 6.6 - 7.0 | 78 |
| | | 7.1 - 7.5 | 51 |
| | | > 7.5 | 5 |
| LACKAWANNA | 172 | | |
| | | <= 5.5 | 20 |
| | | 5.6 - 6.0 | 35 |
| | | 6.1 - 6.5 | 43 |
| | | 6.6 - 7.0 | 45 |
| | | 7.1 - 7.5 | 23 |
| | | > 7.5 | 6 |
| LANCASTER | 284 | | |
| | | <= 5.5 | 25 |
| | | 5.6 - 6.0 | 31 |
| | | 6.1 - 6.5 | 44 |
| | | 6.6 - 7.0 | 73 |
| | | 7.1 - 7.5 | 35 |
| | | > 7.5 | 15 |
| | | | 61 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|-----------------|----------------------|-----------|---------------------|
| LAWRENCE | 127 | | |
| | | <= 5.5 | 13 |
| | | 5.6 - 6.0 | 17 |
| | | 6.1 - 6.5 | 63 |
| | | 6.6 - 7.0 | 22 |
| | | 7.1 - 7.5 | 7 |
| | | > 7.5 | 5 |
| LEBANON | 278 | | |
| | | <= 5.5 | 6 |
| | | 5.6 - 6.0 | 19 |
| | | 6.1 - 6.5 | 83 |
| | | 6.6 - 7.0 | 145 |
| | | 7.1 - 7.5 | 25 |
| LEHIGH | 56 | | |
| | | <= 5.5 | 8 |
| | | 5.6 - 6.0 | 9 |
| | | 6.1 - 6.5 | 18 |
| | | 6.6 - 7.0 | 16 |
| | | 7.1 - 7.5 | 4 |
| | | > 7.5 | 1 |
| LUZERNE | 205 | | |
| | | <= 5.5 | 31 |
| | | 5.6 - 6.0 | 39 |
| | | 6.1 - 6.5 | 49 |
| | | 6.6 - 7.0 | 64 |
| | | 7.1 - 7.5 | 17 |
| | | > 7.5 | 5 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|-----------------|----------------------|-----------|---------------------|
| LYCOMING | 416 | | |
| | | <= 5.5 | 46 |
| | | 5.6 - 6.0 | 67 |
| | | 6.1 - 6.5 | 124 |
| | | 6.6 - 7.0 | 152 |
| | | 7.1 - 7.5 | 24 |
| | | > 7.5 | 3 |
| MCKEAN | 87 | | |
| | | <= 5.5 | 22 |
| | | 5.6 - 6.0 | 20 |
| | | 6.1 - 6.5 | 27 |
| | | 6.6 - 7.0 | 13 |
| | | 7.1 - 7.5 | 4 |
| | | > 7.5 | 1 |
| MERCER | 320 | | |
| | | <= 5.5 | 28 |
| | | 5.6 - 6.0 | 92 |
| | | 6.1 - 6.5 | 121 |
| | | 6.6 - 7.0 | 61 |
| | | 7.1 - 7.5 | 15 |
| | | > 7.5 | 3 |
| MIFFLIN | 113 | | |
| | | <= 5.5 | 3 |
| | | 5.6 - 6.0 | 12 |
| | | 6.1 - 6.5 | 28 |
| | | 6.6 - 7.0 | 43 |
| | | 7.1 - 7.5 | 20 |
| | | > 7.5 | 7 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|--------------------|----------------------|-----------|---------------------|
| MONROE | 39 | | |
| | | <= 5.5 | 5 |
| | | 5.6 - 6.0 | 9 |
| | | 6.1 - 6.5 | 15 |
| | | 6.6 - 7.0 | 7 |
| | | 7.1 - 7.5 | 3 |
| MONTGOMERY | 371 | | |
| | | <= 5.5 | 48 |
| | | 5.6 - 6.0 | 48 |
| | | 6.1 - 6.5 | 53 |
| | | 6.6 - 7.0 | 98 |
| | | 7.1 - 7.5 | 65 |
| | | > 7.5 | 59 |
| MONTOUR | 175 | | |
| | | <= 5.5 | 8 |
| | | 5.6 - 6.0 | 16 |
| | | 6.1 - 6.5 | 62 |
| | | 6.6 - 7.0 | 71 |
| | | 7.1 - 7.5 | 17 |
| | | > 7.5 | 1 |
| NORTHAMPTON | 68 | | |
| | | <= 5.5 | 5 |
| | | 5.6 - 6.0 | 15 |
| | | 6.1 - 6.5 | 22 |
| | | 6.6 - 7.0 | 15 |
| | | 7.1 - 7.5 | 6 |
| | | > 7.5 | 5 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|-----------------------|----------------------|-----------|---------------------|
| NORTHUMBERLAND | 314 | | |
| | | <= 5.5 | 47 |
| | | 5.6 - 6.0 | 49 |
| | | 6.1 - 6.5 | 71 |
| | | 6.6 - 7.0 | 120 |
| | | 7.1 - 7.5 | 25 |
| | | > 7.5 | 2 |
| PERRY | 460 | | |
| | | <= 5.5 | 29 |
| | | 5.6 - 6.0 | 55 |
| | | 6.1 - 6.5 | 127 |
| | | 6.6 - 7.0 | 183 |
| | | 7.1 - 7.5 | 64 |
| | | > 7.5 | 2 |
| PHILADELPHIA | 36 | | |
| | | <= 5.5 | 1 |
| | | 5.6 - 6.0 | 3 |
| | | 6.1 - 6.5 | 6 |
| | | 6.6 - 7.0 | 8 |
| | | 7.1 - 7.5 | 12 |
| | | > 7.5 | 6 |
| PIKE | 15 | | |
| | | <= 5.5 | 2 |
| | | 5.6 - 6.0 | 2 |
| | | 6.1 - 6.5 | 4 |
| | | 6.6 - 7.0 | 6 |
| | | 7.1 - 7.5 | 1 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|-------------------|----------------------|-----------|---------------------|
| POTTER | 229 | | |
| | | <= 5.5 | 44 |
| | | 5.6 - 6.0 | 80 |
| | | 6.1 - 6.5 | 72 |
| | | 6.6 - 7.0 | 29 |
| | | 7.1 - 7.5 | 3 |
| | | > 7.5 | 1 |
| SCHUYLKILL | 109 | | |
| | | <= 5.5 | 14 |
| | | 5.6 - 6.0 | 15 |
| | | 6.1 - 6.5 | 19 |
| | | 6.6 - 7.0 | 32 |
| | | 7.1 - 7.5 | 28 |
| | | > 7.5 | 1 |
| SNYDER | 328 | | |
| | | <= 5.5 | 31 |
| | | 5.6 - 6.0 | 50 |
| | | 6.1 - 6.5 | 91 |
| | | 6.6 - 7.0 | 114 |
| | | 7.1 - 7.5 | 42 |
| SOMERSET | 121 | | |
| | | <= 5.5 | 18 |
| | | 5.6 - 6.0 | 18 |
| | | 6.1 - 6.5 | 45 |
| | | 6.6 - 7.0 | 33 |
| | | 7.1 - 7.5 | 5 |
| | | > 7.5 | 2 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|--------------------|----------------------|-----------|---------------------|
| SULLIVAN | 67 | | |
| | | <= 5.5 | 13 |
| | | 5.6 - 6.0 | 17 |
| | | 6.1 - 6.5 | 14 |
| | | 6.6 - 7.0 | 11 |
| | | 7.1 - 7.5 | 11 |
| | | > 7.5 | 1 |
| SUSQUEHANNA | 256 | | |
| | | <= 5.5 | 54 |
| | | 5.6 - 6.0 | 82 |
| | | 6.1 - 6.5 | 65 |
| | | 6.6 - 7.0 | 37 |
| | | 7.1 - 7.5 | 17 |
| | | > 7.5 | 1 |
| TIOGA | 631 | | |
| | | <= 5.5 | 38 |
| | | 5.6 - 6.0 | 156 |
| | | 6.1 - 6.5 | 235 |
| | | 6.6 - 7.0 | 168 |
| | | 7.1 - 7.5 | 30 |
| | | > 7.5 | 4 |
| UNION | 78 | | |
| | | <= 5.5 | 2 |
| | | 5.6 - 6.0 | 17 |
| | | 6.1 - 6.5 | 25 |
| | | 6.6 - 7.0 | 28 |
| | | 7.1 - 7.5 | 6 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|-------------------|----------------------|-----------|---------------------|
| VENANGO | 122 | | |
| | | <= 5.5 | 35 |
| | | 5.6 - 6.0 | 35 |
| | | 6.1 - 6.5 | 34 |
| | | 6.6 - 7.0 | 14 |
| | | 7.1 - 7.5 | 4 |
| WARREN | 43 | | |
| | | <= 5.5 | 10 |
| | | 5.6 - 6.0 | 16 |
| | | 6.1 - 6.5 | 9 |
| | | 6.6 - 7.0 | 7 |
| | | 7.1 - 7.5 | 1 |
| WASHINGTON | 211 | | |
| | | <= 5.5 | 49 |
| | | 5.6 - 6.0 | 55 |
| | | 6.1 - 6.5 | 57 |
| | | 6.6 - 7.0 | 30 |
| | | 7.1 - 7.5 | 15 |
| | | > 7.5 | 5 |
| WAYNE | 124 | | |
| | | <= 5.5 | 25 |
| | | 5.6 - 6.0 | 31 |
| | | 6.1 - 6.5 | 31 |
| | | 6.6 - 7.0 | 21 |
| | | 7.1 - 7.5 | 15 |
| | | > 7.5 | 1 |

SUMMARY REPORT- Soil pH

Agronomic Samples

| County | Total Samples | pH | # of Samples |
|---------------------|----------------------|---------------|---------------------|
| WESTMORELAND | 385 | | |
| | | <= 5.5 | 66 |
| | | 5.6 - 6.0 | 75 |
| | | 6.1 - 6.5 | 88 |
| | | 6.6 - 7.0 | 91 |
| | | 7.1 - 7.5 | 51 |
| | | > 7.5 | 14 |
| WYOMING | 151 | | |
| | | <= 5.5 | 14 |
| | | 5.6 - 6.0 | 50 |
| | | 6.1 - 6.5 | 56 |
| | | 6.6 - 7.0 | 28 |
| | | 7.1 - 7.5 | 2 |
| | | > 7.5 | 1 |
| YORK | 281 | | |
| | | <= 5.5 | 13 |
| | | 5.6 - 6.0 | 61 |
| | | 6.1 - 6.5 | 86 |
| | | 6.6 - 7.0 | 84 |
| | | 7.1 - 7.5 | 32 |
| | | > 7.5 | 5 |
| | | TOTAL: | 17,769 |