

SUMMARY REPORT-SOIL pH

Turf Samples

| Soil pH | # of Samples |
|----------------|---------------------|
| <= 5.5 | 665 |
| 5.6 - 6.0 | 919 |
| 6.1 - 6.5 | 1,568 |
| 6.6 - 7.0 | 1,883 |
| 7.1 - 7.5 | 1,198 |
| > 7.5 | 392 |
| TOTAL: | <hr/> 6,625 |

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Turf Samples

| County | Total Samples | pH | # of Samples |
|------------------|----------------------|-----------|---------------------|
| ADAMS | 48 | | |
| | | <= 5.5 | 3 |
| | | 5.6 - 6.0 | 5 |
| | | 6.1 - 6.5 | 15 |
| | | 6.6 - 7.0 | 12 |
| | | 7.1 - 7.5 | 10 |
| | | > 7.5 | 3 |
| ALLEGHENY | 399 | | |
| | | <= 5.5 | 43 |
| | | 5.6 - 6.0 | 46 |
| | | 6.1 - 6.5 | 82 |
| | | 6.6 - 7.0 | 104 |
| | | 7.1 - 7.5 | 78 |
| | | > 7.5 | 46 |
| ARMSTRONG | 71 | | |
| | | <= 5.5 | 1 |
| | | 5.6 - 6.0 | 1 |
| | | 6.1 - 6.5 | 14 |
| | | 6.6 - 7.0 | 34 |
| | | 7.1 - 7.5 | 21 |
| BEAVER | 41 | | |
| | | <= 5.5 | 6 |
| | | 5.6 - 6.0 | 8 |
| | | 6.1 - 6.5 | 8 |
| | | 6.6 - 7.0 | 11 |
| | | 7.1 - 7.5 | 6 |
| | | > 7.5 | 2 |

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Turf Samples

| County | Total Samples | pH | # of Samples |
|-----------------|----------------------|-----------|---------------------|
| BEDFORD | 16 | | |
| | | 5.6 - 6.0 | 2 |
| | | 6.1 - 6.5 | 6 |
| | | 7.1 - 7.5 | 1 |
| | | > 7.5 | 7 |
| BERKS | 241 | | |
| | | <= 5.5 | 28 |
| | | 5.6 - 6.0 | 33 |
| | | 6.1 - 6.5 | 64 |
| | | 6.6 - 7.0 | 69 |
| | | 7.1 - 7.5 | 40 |
| | | > 7.5 | 7 |
| BLAIR | 62 | | |
| | | <= 5.5 | 3 |
| | | 5.6 - 6.0 | 3 |
| | | 6.1 - 6.5 | 14 |
| | | 6.6 - 7.0 | 21 |
| | | 7.1 - 7.5 | 17 |
| | | > 7.5 | 4 |
| BRADFORD | 11 | | |
| | | 5.6 - 6.0 | 1 |
| | | 6.1 - 6.5 | 3 |
| | | 6.6 - 7.0 | 2 |
| | | 7.1 - 7.5 | 2 |
| | | > 7.5 | 3 |
| BUCKS | 245 | | |

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| County | Total Samples | pH | # of Samples |
|----------------|----------------------|-----------|---------------------|
| | | <= 5.5 | 46 |
| | | 5.6 - 6.0 | 48 |
| | | 6.1 - 6.5 | 52 |
| | | 6.6 - 7.0 | 58 |
| | | 7.1 - 7.5 | 27 |
| | | > 7.5 | 14 |
| BUTLER | 106 | | |
| | | <= 5.5 | 21 |
| | | 5.6 - 6.0 | 17 |
| | | 6.1 - 6.5 | 26 |
| | | 6.6 - 7.0 | 25 |
| | | 7.1 - 7.5 | 7 |
| | | > 7.5 | 10 |
| CAMBRIA | 45 | | |
| | | <= 5.5 | 9 |
| | | 5.6 - 6.0 | 7 |
| | | 6.1 - 6.5 | 6 |
| | | 6.6 - 7.0 | 12 |
| | | 7.1 - 7.5 | 7 |
| | | > 7.5 | 4 |
| CARBON | 26 | | |
| | | <= 5.5 | 1 |
| | | 5.6 - 6.0 | 3 |
| | | 6.1 - 6.5 | 4 |
| | | 6.6 - 7.0 | 4 |
| | | 7.1 - 7.5 | 6 |
| | | > 7.5 | 8 |
| CENTRE | 314 | | |
| | | <= 5.5 | 22 |

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|-------------------|----------------------|-----------|---------------------|
| | | 5.6 - 6.0 | 22 |
| | | 6.1 - 6.5 | 32 |
| | | 6.6 - 7.0 | 100 |
| | | 7.1 - 7.5 | 97 |
| | | > 7.5 | 41 |
| CHESTER | 213 | | |
| | | <= 5.5 | 21 |
| | | 5.6 - 6.0 | 36 |
| | | 6.1 - 6.5 | 49 |
| | | 6.6 - 7.0 | 54 |
| | | 7.1 - 7.5 | 42 |
| | | > 7.5 | 11 |
| CLARION | 33 | | |
| | | <= 5.5 | 7 |
| | | 5.6 - 6.0 | 9 |
| | | 6.1 - 6.5 | 5 |
| | | 6.6 - 7.0 | 5 |
| | | 7.1 - 7.5 | 4 |
| | | > 7.5 | 3 |
| CLEARFIELD | 94 | | |
| | | <= 5.5 | 6 |
| | | 5.6 - 6.0 | 15 |
| | | 6.1 - 6.5 | 22 |
| | | 6.6 - 7.0 | 38 |
| | | 7.1 - 7.5 | 10 |
| | | > 7.5 | 3 |
| CLINTON | 6 | | |
| | | <= 5.5 | 1 |
| | | 5.6 - 6.0 | 2 |

SUMMARY REPORT- Soil pH

Turf Samples

| County | Total Samples | pH | # of Samples |
|-------------------|----------------------|-----------|---------------------|
| | | 6.6 - 7.0 | 1 |
| | | 7.1 - 7.5 | 2 |
| COLUMBIA | 35 | | |
| | | <= 5.5 | 4 |
| | | 5.6 - 6.0 | 8 |
| | | 6.1 - 6.5 | 9 |
| | | 6.6 - 7.0 | 13 |
| | | > 7.5 | 1 |
| CRAWFORD | 17 | | |
| | | <= 5.5 | 1 |
| | | 5.6 - 6.0 | 1 |
| | | 6.1 - 6.5 | 5 |
| | | 6.6 - 7.0 | 4 |
| | | 7.1 - 7.5 | 5 |
| | | > 7.5 | 1 |
| CUMBERLAND | 166 | | |
| | | <= 5.5 | 16 |
| | | 5.6 - 6.0 | 18 |
| | | 6.1 - 6.5 | 50 |
| | | 6.6 - 7.0 | 41 |
| | | 7.1 - 7.5 | 39 |
| | | > 7.5 | 2 |
| DAUPHIN | 171 | | |
| | | <= 5.5 | 12 |
| | | 5.6 - 6.0 | 15 |
| | | 6.1 - 6.5 | 24 |
| | | 6.6 - 7.0 | 54 |
| | | 7.1 - 7.5 | 48 |
| | | > 7.5 | 18 |

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Turf Samples

| County | Total Samples | pH | # of Samples |
|-----------------|----------------------|-----------|---------------------|
| DELAWARE | 336 | | |
| | | <= 5.5 | 31 |
| | | 5.6 - 6.0 | 52 |
| | | 6.1 - 6.5 | 106 |
| | | 6.6 - 7.0 | 90 |
| | | 7.1 - 7.5 | 47 |
| | | > 7.5 | 10 |
| ELK | 13 | | |
| | | <= 5.5 | 7 |
| | | 5.6 - 6.0 | 2 |
| | | 6.1 - 6.5 | 1 |
| | | 6.6 - 7.0 | 2 |
| | | 7.1 - 7.5 | 1 |
| ERIE | 39 | | |
| | | <= 5.5 | 5 |
| | | 5.6 - 6.0 | 10 |
| | | 6.1 - 6.5 | 10 |
| | | 6.6 - 7.0 | 8 |
| | | 7.1 - 7.5 | 6 |
| FAYETTE | 62 | | |
| | | <= 5.5 | 12 |
| | | 5.6 - 6.0 | 6 |
| | | 6.1 - 6.5 | 19 |
| | | 6.6 - 7.0 | 11 |
| | | 7.1 - 7.5 | 5 |
| | | > 7.5 | 9 |

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Turf Samples

| County | Total Samples | pH | # of Samples |
|-------------------|----------------------|-----------|---------------------|
| FRANKLIN | 165 | | |
| | | <= 5.5 | 6 |
| | | 5.6 - 6.0 | 15 |
| | | 6.1 - 6.5 | 42 |
| | | 6.6 - 7.0 | 44 |
| | | 7.1 - 7.5 | 49 |
| | | > 7.5 | 9 |
| FULTON | 7 | | |
| | | 5.6 - 6.0 | 1 |
| | | 6.1 - 6.5 | 1 |
| | | 6.6 - 7.0 | 1 |
| | | 7.1 - 7.5 | 4 |
| GREENE | 2 | | |
| | | <= 5.5 | 1 |
| | | 6.1 - 6.5 | 1 |
| HUNTINGDON | 26 | | |
| | | <= 5.5 | 4 |
| | | 6.1 - 6.5 | 6 |
| | | 6.6 - 7.0 | 8 |
| | | 7.1 - 7.5 | 5 |
| | | > 7.5 | 3 |
| INDIANA | 51 | | |
| | | <= 5.5 | 4 |
| | | 5.6 - 6.0 | 6 |
| | | 6.1 - 6.5 | 12 |
| | | 6.6 - 7.0 | 12 |

SUMMARY REPORT- Soil pH

Turf Samples

| County | Total Samples | pH | # of Samples |
|-------------------|----------------------|-----------|---------------------|
| | | 7.1 - 7.5 | 9 |
| | | > 7.5 | 8 |
| JEFFERSON | 10 | | |
| | | <= 5.5 | 2 |
| | | 5.6 - 6.0 | 4 |
| | | 6.1 - 6.5 | 1 |
| | | 6.6 - 7.0 | 1 |
| | | 7.1 - 7.5 | 1 |
| | | > 7.5 | 1 |
| JUNIATA | 15 | | |
| | | <= 5.5 | 2 |
| | | 6.1 - 6.5 | 3 |
| | | 6.6 - 7.0 | 6 |
| | | 7.1 - 7.5 | 3 |
| | | > 7.5 | 1 |
| LACKAWANNA | 75 | | |
| | | <= 5.5 | 12 |
| | | 5.6 - 6.0 | 12 |
| | | 6.1 - 6.5 | 20 |
| | | 6.6 - 7.0 | 15 |
| | | 7.1 - 7.5 | 10 |
| | | > 7.5 | 6 |
| LANCASTER | 638 | | |
| | | <= 5.5 | 59 |
| | | 5.6 - 6.0 | 74 |
| | | 6.1 - 6.5 | 187 |
| | | 6.6 - 7.0 | 183 |
| | | 7.1 - 7.5 | 109 |
| | | > 7.5 | 26 |

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| County | Total Samples | pH | # of Samples |
|-----------------|----------------------|-----------|---------------------|
| LAWRENCE | 13 | | |
| | | 5.6 - 6.0 | 1 |
| | | 6.1 - 6.5 | 1 |
| | | 6.6 - 7.0 | 2 |
| | | 7.1 - 7.5 | 4 |
| | | > 7.5 | 5 |
| LEBANON | 75 | | |
| | | <= 5.5 | 4 |
| | | 5.6 - 6.0 | 9 |
| | | 6.1 - 6.5 | 19 |
| | | 6.6 - 7.0 | 26 |
| | | 7.1 - 7.5 | 15 |
| | | > 7.5 | 2 |
| LEHIGH | 338 | | |
| | | <= 5.5 | 23 |
| | | 5.6 - 6.0 | 51 |
| | | 6.1 - 6.5 | 73 |
| | | 6.6 - 7.0 | 102 |
| | | 7.1 - 7.5 | 70 |
| | | > 7.5 | 19 |
| LUZERNE | 147 | | |
| | | <= 5.5 | 35 |
| | | 5.6 - 6.0 | 28 |
| | | 6.1 - 6.5 | 26 |
| | | 6.6 - 7.0 | 32 |
| | | 7.1 - 7.5 | 23 |
| | | > 7.5 | 3 |

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| County | Total Samples | pH | # of Samples |
|-----------------|----------------------|-----------|---------------------|
| LYCOMING | 52 | | |
| | | <= 5.5 | 4 |
| | | 5.6 - 6.0 | 2 |
| | | 6.1 - 6.5 | 10 |
| | | 6.6 - 7.0 | 14 |
| | | 7.1 - 7.5 | 17 |
| | | > 7.5 | 5 |
| MCKEAN | 7 | | |
| | | 5.6 - 6.0 | 2 |
| | | 6.1 - 6.5 | 3 |
| | | 6.6 - 7.0 | 2 |
| MERCER | 29 | | |
| | | <= 5.5 | 2 |
| | | 5.6 - 6.0 | 5 |
| | | 6.1 - 6.5 | 7 |
| | | 6.6 - 7.0 | 6 |
| | | 7.1 - 7.5 | 6 |
| | | > 7.5 | 3 |
| MIFFLIN | 8 | | |
| | | <= 5.5 | 1 |
| | | 5.6 - 6.0 | 1 |
| | | 6.1 - 6.5 | 1 |
| | | 6.6 - 7.0 | 4 |
| | | > 7.5 | 1 |
| MONROE | 74 | | |
| | | <= 5.5 | 24 |

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| County | Total Samples | pH | # of Samples |
|-----------------------|----------------------|-----------|---------------------|
| | | 5.6 - 6.0 | 26 |
| | | 6.1 - 6.5 | 15 |
| | | 6.6 - 7.0 | 6 |
| | | 7.1 - 7.5 | 2 |
| | | > 7.5 | 1 |
| MONTGOMERY | 1,067 | | |
| | | <= 5.5 | 69 |
| | | 5.6 - 6.0 | 157 |
| | | 6.1 - 6.5 | 273 |
| | | 6.6 - 7.0 | 400 |
| | | 7.1 - 7.5 | 136 |
| | | > 7.5 | 32 |
| MONTOUR | 11 | | |
| | | 5.6 - 6.0 | 1 |
| | | 6.1 - 6.5 | 4 |
| | | 6.6 - 7.0 | 5 |
| | | 7.1 - 7.5 | 1 |
| NORTHAMPTON | 165 | | |
| | | <= 5.5 | 12 |
| | | 5.6 - 6.0 | 29 |
| | | 6.1 - 6.5 | 42 |
| | | 6.6 - 7.0 | 44 |
| | | 7.1 - 7.5 | 32 |
| | | > 7.5 | 6 |
| NORTHUMBERLAND | 20 | | |
| | | <= 5.5 | 9 |
| | | 5.6 - 6.0 | 2 |
| | | 6.1 - 6.5 | 2 |
| | | 6.6 - 7.0 | 3 |

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Turf Samples

| County | Total Samples | pH | # of Samples |
|---------------------|----------------------|-----------|---------------------|
| PERRY | 24 | 7.1 - 7.5 | 3 |
| | | > 7.5 | 1 |
| PHILADELPHIA | 56 | <= 5.5 | 3 |
| | | 5.6 - 6.0 | 4 |
| | | 6.1 - 6.5 | 8 |
| | | 6.6 - 7.0 | 4 |
| | | 7.1 - 7.5 | 5 |
| PIKE | 14 | <= 5.5 | 6 |
| | | 5.6 - 6.0 | 13 |
| | | 6.1 - 6.5 | 13 |
| | | 6.6 - 7.0 | 6 |
| | | 7.1 - 7.5 | 11 |
| | | > 7.5 | 7 |
| POTTER | 4 | <= 5.5 | 6 |
| | | 6.1 - 6.5 | 3 |
| | | 6.6 - 7.0 | 3 |
| | | 7.1 - 7.5 | 2 |
| SCHUYLKILL | 31 | 5.6 - 6.0 | 1 |
| | | 6.6 - 7.0 | 1 |
| | | 7.1 - 7.5 | 1 |
| | | > 7.5 | 1 |

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Turf Samples

| County | Total Samples | pH | # of Samples |
|--------------------|----------------------|-----------|---------------------|
| | | <= 5.5 | 2 |
| | | 5.6 - 6.0 | 6 |
| | | 6.1 - 6.5 | 5 |
| | | 6.6 - 7.0 | 11 |
| | | 7.1 - 7.5 | 7 |
| SNYDER | 20 | | |
| | | <= 5.5 | 2 |
| | | 5.6 - 6.0 | 5 |
| | | 6.1 - 6.5 | 4 |
| | | 6.6 - 7.0 | 4 |
| | | 7.1 - 7.5 | 5 |
| SOMERSET | 18 | | |
| | | <= 5.5 | 2 |
| | | 5.6 - 6.0 | 1 |
| | | 6.1 - 6.5 | 2 |
| | | 6.6 - 7.0 | 8 |
| | | 7.1 - 7.5 | 5 |
| SULLIVAN | 2 | | |
| | | 6.1 - 6.5 | 1 |
| | | 7.1 - 7.5 | 1 |
| SUSQUEHANNA | 14 | | |
| | | <= 5.5 | 6 |
| | | 5.6 - 6.0 | 5 |
| | | 6.1 - 6.5 | 2 |
| | | 6.6 - 7.0 | 1 |
| TIOGA | 22 | | |

SUMMARY REPORT- Soil pH

Turf Samples

| County | Total Samples | pH | # of Samples |
|-------------------|----------------------|-----------|---------------------|
| | | <= 5.5 | 3 |
| | | 5.6 - 6.0 | 4 |
| | | 6.1 - 6.5 | 5 |
| | | 6.6 - 7.0 | 4 |
| | | 7.1 - 7.5 | 5 |
| | | > 7.5 | 1 |
| UNION | 48 | | |
| | | <= 5.5 | 2 |
| | | 5.6 - 6.0 | 3 |
| | | 6.1 - 6.5 | 15 |
| | | 6.6 - 7.0 | 12 |
| | | 7.1 - 7.5 | 12 |
| | | > 7.5 | 4 |
| VENANGO | 4 | | |
| | | <= 5.5 | 1 |
| | | 6.1 - 6.5 | 1 |
| | | 6.6 - 7.0 | 1 |
| | | 7.1 - 7.5 | 1 |
| WASHINGTON | 79 | | |
| | | <= 5.5 | 8 |
| | | 5.6 - 6.0 | 7 |
| | | 6.1 - 6.5 | 17 |
| | | 6.6 - 7.0 | 18 |
| | | 7.1 - 7.5 | 18 |
| | | > 7.5 | 11 |
| WAYNE | 25 | | |
| | | <= 5.5 | 4 |
| | | 5.6 - 6.0 | 5 |
| | | 6.1 - 6.5 | 11 |

SUMMARY REPORT- Soil pH

Turf Samples

| County | Total Samples | pH | # of Samples |
|---------------------|----------------------|---------------|---------------------|
| | | 6.6 - 7.0 | 3 |
| | | 7.1 - 7.5 | 1 |
| | | > 7.5 | 1 |
| WESTMORELAND | 143 | | |
| | | <= 5.5 | 15 |
| | | 5.6 - 6.0 | 20 |
| | | 6.1 - 6.5 | 33 |
| | | 6.6 - 7.0 | 35 |
| | | 7.1 - 7.5 | 29 |
| | | > 7.5 | 11 |
| WYOMING | 26 | | |
| | | <= 5.5 | 10 |
| | | 5.6 - 6.0 | 6 |
| | | 6.1 - 6.5 | 7 |
| | | 6.6 - 7.0 | 2 |
| | | 7.1 - 7.5 | 1 |
| YORK | 290 | | |
| | | <= 5.5 | 16 |
| | | 5.6 - 6.0 | 43 |
| | | 6.1 - 6.5 | 66 |
| | | 6.6 - 7.0 | 81 |
| | | 7.1 - 7.5 | 67 |
| | | > 7.5 | 17 |
| | | TOTAL: | <u>6,625</u> |