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|--|---------------------------------------|---------|--------------------------|-------------------|----------|--------|
| ↑ SERIAL NO. ↑ (From front of bag) Please record here | Customer Name (Please Print Clearly): | | Additional copy to: | | | |
| | Business Name: | | Business Name: | | | |
| | Street or R.D. No.: | | Street or R.D. No.: | | | |
| | City, State, and Zip: | | County (sample location) | City, State, Zip: | | |
| Telephone No.: | Fax No.: | E-mail: | | Telephone no.: | Fax no.: | Email: |

USE THIS FORM FOR AGRONOMIC CROPS

NOTE: PAYMENT OF \$9.00 MUST BE SUBMITTED WITH YOUR SOIL SAMPLE FOR THE STANDARD FERTILITY ANALYSIS.

Enclose check made payable to Penn State University for \$9.00 plus fee(s) for the optional tests listed below you may request.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------------------------|--|--|--------|---|--------|--|--------|---|-------------------------|---|---------|---|---------|--|---------|---|--------|--|----------|---|---------|---|---------|--|---------|---|---------|--|---------|-------------------------------------|---------|--------------------------------------|---------|--|--------|---|--|---|--|
| Optional Field/Sample ID (10 characters or less): | Number of Acres: | Soil Series Name: | <p>The standard fertility report includes results for pH, acidity, Mehlich 3 phosphorus, potassium, calcium, magnesium, and lime and fertilizer recommendations. The nitrogen recommendation is based on crop removal. Results for Mehlich 3 copper, zinc, and sulfur are also reported and general interpretive guidelines for these elements provided.</p> <p>Optional Tests: Optional tests available for an <u>additional fee</u> are listed below. Most of these tests do not include an interpretation or recommendation. If you would like any of the optional tests listed, check the test requested and submit check or money order with your sample.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plow Depth (check one): <input type="checkbox"/> No till or minimum till <input type="checkbox"/> 9-11 inches <input type="checkbox"/> Less than 9 inches <input type="checkbox"/> 12 inches or more | | | <table style="width: 100%; border-collapse: collapse;"> <tr><td><input type="checkbox"/> Organic Matter*</td><td style="text-align: right;">\$5.00</td></tr> <tr><td><input type="checkbox"/> Soluble Salts</td><td style="text-align: right;">\$5.00</td></tr> <tr><td><input type="checkbox"/> Nitrate Nitrogen*</td><td style="text-align: right;">\$5.00</td></tr> <tr><td><input type="checkbox"/> Total Nitrogen (Combustion)*</td><td style="text-align: right;">\$10.00</td></tr> <tr><td><input type="checkbox"/> Ammonium Nitrogen*</td><td style="text-align: right;">\$10.00</td></tr> <tr><td><input type="checkbox"/> Total Carbon *</td><td style="text-align: right;">\$15.00</td></tr> <tr><td><input type="checkbox"/> Particle Size Analysis*</td><td style="text-align: right;">\$20.00</td></tr> <tr><td><input type="checkbox"/> Aluminum Stress Test for Forest Soils.....</td><td style="text-align: right;">\$9.00</td></tr> <tr><td><input type="checkbox"/> DEP Chapter 271 General Permit*</td><td style="text-align: right;">\$235.00</td></tr> <tr><td><input type="checkbox"/> Total Sorbed Metals*</td><td style="text-align: right;">\$65.00</td></tr> <tr><td><input type="checkbox"/> Mercury*</td><td style="text-align: right;">\$35.00</td></tr> <tr><td><input type="checkbox"/> Selenium*</td><td style="text-align: right;">\$27.00</td></tr> <tr><td><input type="checkbox"/> Arsenic*</td><td style="text-align: right;">\$27.00</td></tr> <tr><td><input type="checkbox"/> Molybdenum*</td><td style="text-align: right;">\$27.00</td></tr> <tr><td><input type="checkbox"/> Lead</td><td style="text-align: right;">\$27.00</td></tr> <tr><td><input type="checkbox"/> PCBs*</td><td style="text-align: right;">\$80.00</td></tr> <tr><td><input type="checkbox"/> Fax/Email Report (In addition to a hard copy, cost per page) ..</td><td style="text-align: right;">\$1.00</td></tr> <tr><td><input type="checkbox"/> Email report only: Check here and record your email address if you would prefer to have your report sent to you by email rather than surface mail. Emailed reports are received by customers 2-3 days earlier than mail reports.</td><td></td></tr> <tr><td align="right" colspan="2">Total Cost for Optional Tests: _____</td></tr> </table> <p>*Results only. No interpretations or recommendations</p> <p><i>Enclose check made payable to Penn State University. for total cost of optional tests requested.</i></p> | <input type="checkbox"/> Organic Matter* | \$5.00 | <input type="checkbox"/> Soluble Salts | \$5.00 | <input type="checkbox"/> Nitrate Nitrogen* | \$5.00 | <input type="checkbox"/> Total Nitrogen (Combustion)* | \$10.00 | <input type="checkbox"/> Ammonium Nitrogen* | \$10.00 | <input type="checkbox"/> Total Carbon * | \$15.00 | <input type="checkbox"/> Particle Size Analysis* | \$20.00 | <input type="checkbox"/> Aluminum Stress Test for Forest Soils..... | \$9.00 | <input type="checkbox"/> DEP Chapter 271 General Permit* | \$235.00 | <input type="checkbox"/> Total Sorbed Metals* | \$65.00 | <input type="checkbox"/> Mercury* | \$35.00 | <input type="checkbox"/> Selenium* | \$27.00 | <input type="checkbox"/> Arsenic* | \$27.00 | <input type="checkbox"/> Molybdenum* | \$27.00 | <input type="checkbox"/> Lead | \$27.00 | <input type="checkbox"/> PCBs* | \$80.00 | <input type="checkbox"/> Fax/Email Report (In addition to a hard copy, cost per page) .. | \$1.00 | <input type="checkbox"/> Email report only: Check here and record your email address if you would prefer to have your report sent to you by email rather than surface mail. Emailed reports are received by customers 2-3 days earlier than mail reports. | | Total Cost for Optional Tests: _____ | |
| <input type="checkbox"/> Organic Matter* | \$5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Soluble Salts | \$5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Nitrate Nitrogen* | \$5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Total Nitrogen (Combustion)* | \$10.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Ammonium Nitrogen* | \$10.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Total Carbon * | \$15.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Particle Size Analysis* | \$20.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Aluminum Stress Test for Forest Soils..... | \$9.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> DEP Chapter 271 General Permit* | \$235.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Total Sorbed Metals* | \$65.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Mercury* | \$35.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Selenium* | \$27.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Arsenic* | \$27.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Molybdenum* | \$27.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Lead | \$27.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> PCBs* | \$80.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Fax/Email Report (In addition to a hard copy, cost per page) .. | \$1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Total Cost for Optional Tests: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CROP INFORMATION: See back of this sheet for crop codes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last year's crop if legume: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crop Code | Crop Name: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100px; height: 20px; margin: auto;"> <tr><td style="width: 25px; height: 20px;"></td><td style="width: 25px; height: 20px;"></td><td style="width: 25px; height: 20px;"></td><td style="width: 25px; height: 20px;"></td></tr> </table> | | | | | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Fertilizer Recommendations will be made for the following: (List up to three crops) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Crop Code | Yield Goal | Crop Name: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | <table border="1" style="width: 100px; height: 20px; margin: auto;"> <tr><td style="width: 25px; height: 20px;"></td><td style="width: 25px; height: 20px;"></td><td style="width: 25px; height: 20px;"></td><td style="width: 25px; height: 20px;"></td></tr> </table> | | | | | <table border="1" style="width: 100px; height: 20px; margin: auto;"> <tr><td style="width: 25px; height: 20px;"></td><td style="width: 25px; height: 20px;"></td><td style="width: 25px; height: 20px;"></td><td style="width: 25px; height: 20px;"></td></tr> </table> | | | | | Bu/A _____ T/A _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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LOCATE CROP NAME BELOW

Write code number (4 digits) into "Crop Code" Blocks on Opposite side of the page. Note the Acceptable Yield Range for each Crop

| CROP CODE | CROP NAME | YIELD RANGE | CROP CODE | CROP NAME | YIELD RANGE |
|----------------------|-------------------------------|-------------|---|--------------------------------------|--------------|
| ALFALFA GROUP | | | CORN, SORGHUM & MILLET GROUP | | |
| 1020 | Planting Alfalfa | 2-6 Ton/A | 1042 | Corn for Grain | 110-270 Bu/A |
| 1023 | Planting Alfalfa (no-till) | 2-6 Ton/A | 1044 | Corn for Grain (no-till) | 110-270 Bu/A |
| 1035 | Planting Alfalfa in Oats | 2-6 Ton/A | 1043 | Corn for Silage | 17-38 Ton/A |
| 1032 | Planting Alfalfa in Wheat | 2-6 Ton/A | 1045 | Corn for Silage (no-till) | 17-38 Ton/A |
| 1022 | Planting Alfalfa-Trefoil | 2-6 Ton/A | 1057 | Sorghum for Grain | 90-170 Bu/A |
| 1021 | Planting Alfalfa-Grass | 2-6 Ton/A | 1063 | Sorghum for Forage | 15-31 Ton/A |
| 1001 | Established Alfalfa | 4-8 Ton/A | 1048 | Millet for Grain | 30-70 Bu/A |
| 1072 | Established Alfalfa-Grass | 4-8 Ton/A | 1049 | Millet for Forage | 2-6 Ton/A |
| LEGUME GROUP | | | GRASS GROUP | | |
| 1030 | Planting Crownvetch | 2.5-4 Ton/A | 1038 | Planting Bluegrass | 1-2 Ton/A |
| 1031 | Planting Crownvetch (no till) | 2.5-4 Ton/A | 1039 | Planting Bromegrass | 1-5 Ton/A |
| 1029 | Planting Ladino Clover | 2-4 Ton/A | 1062 | Planting Mixed Grasses | 1-5 Ton/A |
| 1027 | Planting Red Clover | 2-4 Ton/A | 1040 | Planting Orchardgrass | 1-5 Ton/A |
| 1028 | Planting Red Clover (no-till) | 2-4 Ton/A | 1085 | Planting Reed Canarygrass | 1-5 Ton/A |
| 1037 | Planting Red Clover in Oats | 2-4 Ton/A | 1041 | Planting Timothy | 1-5 Ton/A |
| 1034 | Planting Red Clover in Wheat | 2-4 Ton/A | 1075 | Planting Tall Fescue | 1-5 Ton/A |
| 1073 | Planting Red Clover-Grass | 2-4 Ton/A | 1077 | Planting Warm Season Grasses | 1-4 Ton/A |
| 1024 | Planting Trefoil | 1-3 Ton/A | 1010 | Established Bluegrass | 1-4 Ton/A |
| 1026 | Planting Trefoil (no-till) | 1-3 Ton/A | 1016 | Established Bromegrass | 3-7 Ton/A |
| 1036 | Planting Trefoil in Oats | 1-3 Ton/A | 1019 | Established Mixed Grasses | 3-7 Ton/A |
| 1033 | Planting Trefoil in Wheat | 1-3 Ton/A | 1017 | Established Orchardgrass | 3-7 Ton/A |
| 1025 | Planting Trefoil-Grass | 2-4 Ton/A | 1086 | Established Reed Canarygrass | 3-7 Ton/A |
| 1011 | Established Crownvetch | 2.5-4 Ton/A | 1018 | Established Timothy | 3-7 Ton/A |
| 1014 | Established Ladino Clover | 2-6 Ton/A | 1076 | Established Tall Fescue | 3-7 Ton/A |
| 1015 | Established Red Clover | 2-6 Ton/A | 1078 | Established Warm Season Grasses | 3-7 Ton/A |
| 1074 | Established Red Clover-Grass | 2-6 Ton/A | 1066 | Sudangrass | 1-5 Ton/A |
| 1005 | Established Trefoil | 2-6 Ton/A | 1067 | Sorghum-Sudangrass | 15-27 Ton/A |
| 1006 | Established Trefoil-Grass | 2-6 Ton/A | 1080 | Renovating Pasture (with legume) | 2-4 Ton/A |
| GRAIN GROUP | | | 1081 | Established Pasture (without legume) | 2-4 Ton/A |
| 1068 | Spring Barley | 60-100 Bu/A | 1082 | Established Pasture (with legume) | 2-4 Ton/A |
| 1060 | Winter Barley | 50-130 Bu/A | 1083 | Planting Pasture (without legume) | 2-4 Ton A |
| 1069 | Buckwheat | 30-70 Bu/A | 1084 | Planting Pasture (with legume) | 2-4 Ton A |
| 1059 | Oats | 60-120 Bu/A | CONSERVATION RESERVE PROGRAM | | |
| 1061 | Rye | 50-90 Bu/A | 1054 | CRP Cool Season Grasses | ----- |
| 1064 | Soybeans | 40-80 Bu/A | 1053 | CRP Warm Season Grasses | ----- |
| 1071 | Sunflowers | 10-30 CWT/A | MISCELLANEOUS | | |
| 1058 | Wheat | 40-120 Bu/A | 1079 | Brassicas | 2-6 Ton/A |
| 1012 | Canola | 30-80 Bu/A | 1800 | Disturbed Lands | ----- |
| 1013 | Spelt | 70-150 Bu/A | 1055 | Horticultural Cover Crop | ----- |
| 1050 | Barley/Soybean Double Crop | 50-130 Bu/A | 1065 | Tobacco | 1-1.5 Ton/A |
| 1051 | Small Grain Silage | 4-12 T/A | 1056 | Wildlife Food Plot | ----- |
| | | | 1052 | Hops | ----- |