



↑ SERIAL NO. ↑ (From front of bag) Please record here	Customer Name (Please Print Clearly):			Additional copy to:		
	Business Name:			Business Name: OSU Extension Muskingum County		
	Street or R.D. No.:			Street or R.D. No.: 225 Underwood Street		
	City, State, and Zip:		County (sample location)	City, State, Zip: Zanesville, OH 43701		
Telephone No.:	Fax No.:	E-mail:		Telephone no.:	Fax no.:	Email:
				740-454-0144		martin.2422@osu.edu

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 style="width: 5%;">—</td> <td style="width: 85%;">Organic Matter*</td> <td style="width: 10%; text-align: right;">\$5.00</td> </tr> <tr> <td>—</td> <td>Soluble Salts</td> <td style="text-align: right;">\$5.00</td> </tr> <tr> <td>—</td> <td>Nitrate Nitrogen*</td> <td style="text-align: right;">\$5.00</td> </tr> <tr> <td>—</td> <td>Total Nitrogen (Combustion)*</td> <td style="text-align: right;">\$10.00</td> </tr> <tr> <td>—</td> <td>Ammonium Nitrogen*</td> <td style="text-align: right;">\$10.00</td> </tr> <tr> <td>—</td> <td>Total Carbon *</td> <td style="text-align: right;">\$15.00</td> </tr> <tr> <td>—</td> <td>Particle Size Analysis*</td> <td style="text-align: right;">\$20.00</td> </tr> <tr> <td>—</td> <td>Aluminum Stress Test for Forest Soils.....</td> <td style="text-align: right;">\$9.00</td> </tr> <tr> <td>—</td> <td>DEP Chapter 271 General Permit*</td> <td style="text-align: right;">\$235.00</td> </tr> <tr> <td>—</td> <td>Total Sorbed Metals*</td> <td style="text-align: right;">\$65.00</td> </tr> <tr> <td>—</td> <td>Mercury*</td> <td style="text-align: right;">\$35.00</td> </tr> <tr> <td>—</td> <td>Selenium*</td> <td style="text-align: right;">\$27.00</td> </tr> <tr> <td>—</td> <td>Arsenic*</td> <td style="text-align: right;">\$27.00</td> </tr> <tr> <td>—</td> <td>Molybdenum*</td> <td style="text-align: right;">\$27.00</td> </tr> <tr> <td>—</td> <td>Lead</td> <td style="text-align: right;">\$27.00</td> </tr> <tr> <td>—</td> <td>PCBs*</td> <td style="text-align: right;">\$80.00</td> </tr> <tr> <td>—</td> <td>Fax/Email Report (In addition to a hard copy, cost per page) ..</td> <td style="text-align: right;">\$1.00</td> </tr> <tr> <td>—</td> <td>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> </table>	—	Organic Matter*	\$5.00	—	Soluble Salts	\$5.00	—	Nitrate Nitrogen*	\$5.00	—	Total Nitrogen (Combustion)*	\$10.00	—	Ammonium Nitrogen*	\$10.00	—	Total Carbon *	\$15.00	—	Particle Size Analysis*	\$20.00	—	Aluminum Stress Test for Forest Soils.....	\$9.00	—	DEP Chapter 271 General Permit*	\$235.00	—	Total Sorbed Metals*	\$65.00	—	Mercury*	\$35.00	—	Selenium*	\$27.00	—	Arsenic*	\$27.00	—	Molybdenum*	\$27.00	—	Lead	\$27.00	—	PCBs*	\$80.00	—	Fax/Email Report (In addition to a hard copy, cost per page) ..	\$1.00	—	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.	
—	Organic Matter*	\$5.00																																																							
—	Soluble Salts	\$5.00																																																							
—	Nitrate Nitrogen*	\$5.00																																																							
—	Total Nitrogen (Combustion)*	\$10.00																																																							
—	Ammonium Nitrogen*	\$10.00																																																							
—	Total Carbon *	\$15.00																																																							
—	Particle Size Analysis*	\$20.00																																																							
—	Aluminum Stress Test for Forest Soils.....	\$9.00																																																							
—	DEP Chapter 271 General Permit*	\$235.00																																																							
—	Total Sorbed Metals*	\$65.00																																																							
—	Mercury*	\$35.00																																																							
—	Selenium*	\$27.00																																																							
—	Arsenic*	\$27.00																																																							
—	Molybdenum*	\$27.00																																																							
—	Lead	\$27.00																																																							
—	PCBs*	\$80.00																																																							
—	Fax/Email Report (In addition to a hard copy, cost per page) ..	\$1.00																																																							
—	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.																																																								
CROP INFORMATION: See back of this sheet for crop codes																																																									
Last year's crop if legume: <table style="width: 100%;"> <tr> <td style="width: 20%; text-align: center;">Crop Code</td> <td style="width: 80%; text-align: center;">Crop Name:</td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table> </td> <td style="text-align: center;">_____</td> </tr> </table>			Crop Code	Crop Name:	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>					_____																																															
Crop Code	Crop Name:																																																								
<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>					_____																																																				
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: 100%; height: 20px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>					Bu/A T/A	_____																																													
2	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>					Bu/A T/A	_____																																													
3	<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>					<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>					Bu/A T/A	_____																																													

 || | | | **Total Cost for Optional Tests:** _____ |
| | | | *Results only. No interpretations or recommendations **Enclose check made payable to Penn State University. for total cost of optional tests requested.** |

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	-----