

Agricultural Analytical Services Laboratory The Pennsylvania State University 720 Tower Road University Park, PA 16802

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SOIL TEST INFORMATION FORM FOR AGRONOMIC CROPS

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Grower nai	me:					Send copy to:		
Business n	ame:			ASCS fa	rm ID:	Business name:		
Street addı	ress:			<u> </u>		Street address:		
City, State,	Zip:			County:		City, State, Zip:		
Telephone		Email:				Email:		
	Email report only: Chec Note: Please submit pay Sample/I Record field or sample ID	ment of \$10 pe Field Info (10 digits or les	r sample	(check payable to P Last Year's Crop If previous crop	enn State University Recommendations	our report sent to you if NOT submitting s Recommendation will be made for 3 crop rop and yield goal info	samples in pre-paid k s o years. For each	n surface mail. cits (with serial #s). Additional Analyses The standard fertility test will b run on all samples submitted
	of tillage (in.) or no-till, ap represented by sample, s sample bags, and soil ser	erial # if using '		was a legume, complete this column	2, and 3. See back	of form for crop codes	and yield ranges.	with this form. Select additional analyses below. See back for
	Field ID	Plow depth	# Acres	Crop code	Crop-Year 1 Crop code	Crop-Year 2 Crop code	Crop-Year 3 Crop code	more options. Organic matter (\$5.00) Total C and N (\$25.00)* Particle size (\$25.00)*
	Prepaid bag serial #	Soil Se	ries		Yield goal	Yield goal	Yield goal	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop code	Organic matter (\$5.00) Total C and N (\$25.00)* Particle size (\$25.00)*
	Prepaid bag serial #	Soil Se	ries		Yield goal	Yield goal	Yield goal	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop code	☐ Organic matter (\$5.00) ☐ Total C and N (\$25.00)* ☐ Particle size (\$25.00)*
	Prepaid bag serial #	Soil Se	ries		Yield goal	Yield goal	Yield goal	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop code	☐ Organic matter (\$5.00) ☐ Total C and N (\$25.00)* ☐ Particle size (\$25.00)*
	Prepaid bag serial #	Soil Se	ries		Yield goal	Yield goal	Yield goal	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop code	☐ Organic matter (\$5.00) ☐ Total C and N (\$25.00)* ☐ Particle size (\$25.00)*
	Prepaid bag serial #	Soil Se	ries		Yield goal	Yield goal	Yield goal	
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	Sample bag serial #	Soil Se	ries		Yield goal	Yield goal	Yield goal Crop	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop Code	☐ Organic matter (\$5.00) ☐ Total C and N (\$25.00)* ☐ Particle size (\$25.00)*
	Prepaid bag serial #	Soil Se	ries		Yield goal	Yield goal	Yield goal Crop	
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	Prepaid bag serial #	Soil Se	ries		Yield goal	Yield goal	Yield goal Crop	

CROP CODES AND ADDITIONAL ANALYSES

Write Code Number (4 digits) into "Crop Code" blocks on opposite side of this page. Note also the acceptable yield range for each crop. If additional analyses are requested, record additional test request in column next to soil samples on opposite side of the page and submit payment for additional tests with sample. Make checks payable to Penn State

CODE	CROP		YIELD
1020	CODE	CROP NAME	
1023	ALFALFA	GROUP	
1035	1020	Planting Alfalfa	2-6 Ton / A
1032	1023	Planting Alfalfa (no-till)	2-6 Ton / A
1022	1035	Planting Alfalfa in Oats	2-6 Ton / A
1021	1032	Planting Alfalfa in Wheat	2-6 Ton / A
1001 Established Alfalfa 4-8 Ton / A 1072 Established Alfalfa-Grass 4-8 Ton / A CORN & SORGHUM GROUP 30-70 Bu / A 1048 Millet for Grain 30-70 Bu / A 1049 Millet for Forage 2-6 T / A 1042 Corn for Grain (no-till) 110-270 Bu / A 1044 Corn for Silage (no-till) 110-270 Bu / A 1045 Corn for Silage (no-till) 17-38 Ton / A 1057 Sorghum for Grain 90-170 Bu / A 1058 Sorghum for Forage 15-31 Ton / A LEGUME GROUP 1030 Planting Crownvetch (no-till) 2.5-4 Ton / A 1031 Planting Crownvetch (no-till) 2.5-4 Ton / A 1029 Planting Ladino Clover 2-4 Ton / A 1027 Planting Red Clover 2-4 Ton / A 1028 Planting Red Clover (no-till) 2-4 Ton / A 1037 Planting Red Clover in Oats 2-4 Ton / A 1034 Planting Red Clover in Wheat 2-4 Ton / A 1034 Planting Trefoil 1-3 Ton / A 1026	1022	Planting Alfalfa-Trefoil	2-6 Ton / A
1072 Established Alfalfa-Grass 4-8 Ton / A CORN & SORGHUM GROUP 30-70 Bu / A 1049 Millet for Forage 2-6 T / A 1042 Corn for Grain (no-till) 110-270 Bu / A 1044 Corn for Grain (no-till) 110-270 Bu / A 1043 Corn for Silage (no-till) 17-38 Ton / A 1057 Sorghum for Grain 90-170 Bu / A 1063 Sorghum for Forage 15-31 Ton / A LEGUME GROUP 1030 Planting Crownvetch 2.5-4 Ton / A 1031 Planting Crownvetch (no-till) 2.5-4 Ton / A 1029 Planting Ladino Clover 2-4 Ton / A 1027 Planting Red Clover (no-till) 2-4 Ton / A 1028 Planting Red Clover (no-till) 2-4 Ton / A 1037 Planting Red Clover in Oats 2-4 Ton / A 1034 Planting Red Clover in Wheat 2-4 Ton / A 1073 Planting Trefoil (no till) 1-3 Ton / A 1024 Planting Trefoil in Oats 1-3 Ton / A 1025 Planting Trefoil in Oats 1-3 Ton / A	1021	Planting Alfalfa-Grass	2-6 Ton / A
CORN & SORGHUM GROUP 1048 Millet for Grain 30-70 Bu / A 1049 Millet for Forage 2-6 T / A 1042 Corn for Grain (no-till) 110-270 Bu / A 1044 Corn for Silage (no-till) 110-270 Bu / A 1045 Corn for Silage (no-till) 17-38 Ton / A 1057 Sorghum for Grain 90-170 Bu / A 1063 Sorghum for Forage 15-31 Ton / A LEGUME GROUP 1030 Planting Crownvetch (no-till) 2.5-4 Ton / A 1031 Planting Crownvetch (no-till) 2.5-4 Ton / A 1029 Planting Red Clover 2-4 Ton / A 1027 Planting Red Clover (no-till) 2-4 Ton / A 1037 Planting Red Clover (no-till) 2-4 Ton / A 1037 Planting Red Clover in Oats 2-4 Ton / A 1034 Planting Red Clover in Wheat 2-4 Ton / A 1073 Planting Trefoil 1-3 Ton / A 1024 Planting Trefoil (no till) 1-3 Ton / A 1025 Planting Trefoil (no till) 1-3 Ton / A 1036	1001	Established Alfalfa	4-8 Ton / A
1048 Millet for Grain 30-70 Bu / A 1049 Millet for Forage 2-6 T / A 1042 Corn for Grain 110-270 Bu / A 1044 Corn for Grain (no-till) 110-270 Bu / A 1043 Corn for Silage 17-38 Ton / A 1045 Corn for Silage (no-till) 17-38 Ton / A 1057 Sorghum for Grain 90-170 Bu / A 1063 Sorghum for Forage 15-31 Ton / A LEGUME GROUP 	1072	Established Alfalfa-Grass	4-8 Ton / A
1049 Millet for Forage 2-6 T / A 1042 Corn for Grain 110-270 Bu / A 1044 Corn for Grain (no-till) 110-270 Bu / A 1043 Corn for Silage 17-38 Ton / A 1045 Corn for Silage (no-till) 17-38 Ton / A 1057 Sorghum for Grain 90-170 Bu / A 1063 Sorghum for Forage 15-31 Ton / A LEGUME GROUP 1030 Planting Crownvetch 2.5-4 Ton / A 1031 Planting Crownvetch (no-till) 2.5-4 Ton / A 1029 Planting Ladino Clover 2-4 Ton / A 1027 Planting Red Clover 2-4 Ton / A 1028 Planting Red Clover (no-till) 2-4 Ton / A 1037 Planting Red Clover in Oats 2-4 Ton / A 1034 Planting Red Clover in Wheat 2-4 Ton / A 1073 Planting Red Clover-Grass 2-4 Ton / A 1024 Planting Trefoil 1-3 Ton / A 1026 Planting Trefoil (no till) 1-3 Ton / A 1036 Planting Trefoil in Oats 1-3 Ton / A <td< td=""><td>CORN & S</td><td>ORGHUM GROUP</td><td></td></td<>	CORN & S	ORGHUM GROUP	
1042 Corn for Grain 110-270 Bu / A 1044 Corn for Grain (no-till) 110-270 Bu / A 1043 Corn for Silage 17-38 Ton / A 1045 Corn for Silage (no-till) 17-38 Ton / A 1057 Sorghum for Grain 90-170 Bu / A 1063 Sorghum for Forage 15-31 Ton / A LEGUME GROUP 1030 Planting Crownvetch 2.5-4 Ton / A 1031 Planting Crownvetch (no-till) 2.5-4 Ton / A 1029 Planting Ladino Clover 2-4 Ton / A 1027 Planting Red Clover (no-till) 2-4 Ton / A 1028 Planting Red Clover (no-till) 2-4 Ton / A 1037 Planting Red Clover in Oats 2-4 Ton / A 1034 Planting Red Clover in Wheat 2-4 Ton / A 1073 Planting Red Clover-Grass 2-4 Ton / A 1024 Planting Trefoil 1-3 Ton / A 1026 Planting Trefoil (no till) 1-3 Ton / A 1036 Planting Trefoil in Oats 1-3 Ton / A 1035 Planting Trefoil in Wheat	1048	Millet for Grain	30-70 Bu / A
1044 Corn for Grain (no-till) 110-270 Bu / A 1043 Corn for Silage 17-38 Ton / A 1045 Corn for Silage (no-till) 17-38 Ton / A 1057 Sorghum for Grain 90-170 Bu / A 1063 Sorghum for Forage 15-31 Ton / A LEGUME GROUP 1030 Planting Crownvetch 2.5-4 Ton / A 1029 Planting Ladino Clover 2-4 Ton / A 1027 Planting Red Clover 2-4 Ton / A 1038 Planting Red Clover (no-till) 2-4 Ton / A 1039 Planting Red Clover 2-4 Ton / A 1040 Planting Red Clover in Oats 2-4 Ton / A 1058 Planting Red Clover in Wheat 2-4 Ton / A 1059 Planting Red Clover in Oats 2-4 Ton / A 1050 Planting Red Clover in Oats 2-4 Ton / A 1051 Planting Red Clover in Wheat 2-4 Ton / A 1052 Planting Trefoil 1-3 Ton / A 1053 Planting Trefoil (no till) 1-3 Ton / A 1054 Planting Trefoil (no till) 1-3 Ton / A 1055 Planting Trefoil in Oats 1-3 Ton / A 1055 Planting Trefoil-Grass 2-4 Ton / A 1056 Planting Trefoil other 1057 Planting Trefoil october 2-6 Ton / A 1058 Established Red Clover 2-6 Ton / A 1059 Established Red Clover Grass 2-6 Ton / A 1070 Established Trefoil-Grass 2-6 Ton / A 1071 Established Red Clover 3-6 Ton / A 1072 Established Trefoil-Grass 2-6 Ton / A 1073 Established Trefoil-Grass 2-6 Ton / A 1074 Established Trefoil-Grass 2-6 Ton / A 1075 Established Trefoil-Grass 2-6 Ton / A 1076 Established Trefoil-Grass 2-6 Ton / A	1049	Millet for Forage	2-6 T / A
1043 Corn for Silage 17-38 Ton / A 1045 Corn for Silage (no-till) 17-38 Ton / A 1057 Sorghum for Grain 90-170 Bu / A 1063 Sorghum for Forage 15-31 Ton / A LEGUME GROUP 1030 Planting Crownvetch 2.5-4 Ton / A 1029 Planting Ladino Clover 2-4 Ton / A 1027 Planting Red Clover 2-4 Ton / A 1038 Planting Red Clover 2-4 Ton / A 1039 Planting Red Clover 2-4 Ton / A 1040 Planting Red Clover 10-4 Ton / A 1058 Planting Red Clover in Oats 2-4 Ton / A 1059 Planting Red Clover in Oats 2-4 Ton / A 1050 Planting Red Clover in Oats 2-4 Ton / A 1051 Planting Red Clover in Wheat 2-4 Ton / A 1052 Planting Trefoil 1-3 Ton / A 1053 Planting Trefoil 1-3 Ton / A 1054 Planting Trefoil (no till) 1-3 Ton / A 1055 Planting Trefoil in Oats 1-3 Ton / A 1055 Planting Trefoil in Wheat 1-3 Ton / A 1055 Planting Trefoil-Grass 2-4 Ton / A 1056 Planting Trefoil Clover 2-6 Ton / A 1057 Established Red Clover 2-6 Ton / A 1058 Established Red Clover Grass 2-6 Ton / A 1079 Established Trefoil 2-6 Ton / A 1070 Established Trefoil-Grass 2-6 Ton / A 1071 Established Red Clover 3-6 Ton / A 1072 Established Trefoil 2-6 Ton / A 1073 Established Trefoil-Grass 2-6 Ton / A 1074 Established Trefoil-Grass 2-6 Ton / A 1075 Established Trefoil-Grass 2-6 Ton / A	1042		110-270 Bu / A
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1026 Planting Trefoil (no till) 1-3 Ton / A 1036 Planting Trefoil in Oats 1-3 Ton / A 1033 Planting Trefoil in Wheat 1-3 Ton / A 1025 Planting Trefoil-Grass 2-4 Ton / A 1011 Established Crownvetch 2.5-4 Ton / A 1014 Established Ladino Clover 2-6 Ton / A 1015 Established Red Clover 2-6 Ton / A 1074 Established Red Clover-Grass 2-6 Ton / A 1005 Established Trefoil 2-6 Ton / A 1006 Established Trefoil-Grass 2-6 Ton / A GRAIN GROUP		_	
1036 Planting Trefoil in Oats 1-3 Ton / A 1033 Planting Trefoil in Wheat 1-3 Ton / A 1025 Planting Trefoil-Grass 2-4 Ton / A 1011 Established Crownvetch 2.5-4 Ton / A 1014 Established Ladino Clover 2-6 Ton / A 1015 Established Red Clover 2-6 Ton / A 1074 Established Red Clover-Grass 2-6 Ton / A 1005 Established Trefoil 2-6 Ton / A 1006 Established Trefoil-Grass 2-6 Ton / A GRAIN GROUP		9	
1033 Planting Trefoil in Wheat 1-3 Ton / A 1025 Planting Trefoil-Grass 2-4 Ton / A 1011 Established Crownvetch 2.5-4 Ton / A 1014 Established Ladino Clover 2-6 Ton / A 1015 Established Red Clover 2-6 Ton / A 1074 Established Red Clover-Grass 2-6 Ton / A 1005 Established Trefoil 2-6 Ton / A 1006 Established Trefoil-Grass 2-6 Ton / A GRAIN GROUP			
1025 Planting Trefoil-Grass 2-4 Ton / A 1011 Established Crownvetch 2.5-4 Ton / A 1014 Established Ladino Clover 2-6 Ton / A 1015 Established Red Clover 2-6 Ton / A 1074 Established Red Clover-Grass 2-6 Ton / A 1005 Established Trefoil 2-6 Ton / A 1006 Established Trefoil-Grass 2-6 Ton / A GRAIN GROUP		•	
1011 Established Crownvetch 2.5-4 Ton / A 1014 Established Ladino Clover 2-6 Ton / A 1015 Established Red Clover 2-6 Ton / A 1074 Established Red Clover-Grass 2-6 Ton / A 1005 Established Trefoil 2-6 Ton / A 1006 Established Trefoil-Grass 2-6 Ton / A GRAIN GROUP			
1014 Established Ladino Clover 2-6 Ton / A 1015 Established Red Clover 2-6 Ton / A 1074 Established Red Clover-Grass 2-6 Ton / A 1005 Established Trefoil 2-6 Ton / A 1006 Established Trefoil-Grass 2-6 Ton / A GRAIN GROUP			
1015 Established Red Clover 2-6 Ton / A 1074 Established Red Clover-Grass 2-6 Ton / A 1005 Established Trefoil 2-6 Ton / A 1006 Established Trefoil-Grass 2-6 Ton / A GRAIN GROUP			
1074 Established Red Clover-Grass 2-6 Ton / A 1005 Established Trefoil 2-6 Ton / A 1006 Established Trefoil-Grass 2-6 Ton / A GRAIN GROUP			
1005 Established Trefoil 2-6 Ton / A 1006 Established Trefoil-Grass 2-6 Ton / A GRAIN GROUP			
1006 Established Trefoil-Grass 2-6 Ton / A GRAIN GROUP			
GRAIN GROUP			
			2-0 1011 / A
			60-100 Bu / Δ
1069 Buckwheat 30-70 Bu / A			
1059 Oats 60-120 Bu / A	1059	Oats	60-120 Bu / A
1061 Rye 50-90 Bu / A	1061	Rye	50-90 Bu / A
1064 Soybeans 40-80 Bu / A	1064	Soybeans	40-80 Bu / A
1071 Sunflowers 10-30 CWT / A	1071	Sunflowers	10-30 CWT / A
1058 Wheat 40-120 Bu / A	1058	Wheat	40-120 Bu / A
1012 Canola 30-80 Bu / A			
•		•	
1050 Barley/Soybean Double 50-130 Bu / A		* *	
1051 Small Grain Silage 4 – 12 T / A	1057	Small Grain Sliage	4 – 12 I / A

CROP	CROP NAME	YIELD RANGE
GRASS C		_
1038	Planting Bluegrass	1-2 Ton / A
1039	Planting Bromegrass	1-5 Ton / A
1062	Planting Mixed Grasses	1-5 Ton / A
1040	Planting Orchardgrass	1-5 Ton / A
1085	Planting Reed Canarygrass	1-5 Ton / A
1041	Planting Timothy	1-5 Ton / A
1075	Planting Tall Fescue	1-5 Ton / A
1077	Planting Warm Season Grasses	1-5 Ton / A
1010	Established Bluegrass	1-4 Ton / A
1016	Established Bromegrass	3-7 Ton / A
1019	Established Mixed Grasses	3-7 Ton / A
1017	Established Orchardgrass	3-7 Ton / A
1086	Established Reed Canarygrass	3-7 Ton / A
1018	Established Timothy	3-7 Ton / A
1076	Established Tall Fescue	3-7 Ton / A
1078	Established Warm Season Grasses	3-7 Ton / A
1066	Sudangrass	1-5 Ton / A
1067	Sorghum-Sudangrass	15-27 Ton / A
1080	Renovating Pasture (with legume)	2-4 Ton / A
1081	Established Pasture (without legume)	2-4 Ton / A
1082	Established Pasture (with legume)	2-4 Ton / A
1083	Planting Pasture (without legume)	2-4 Ton / A
1084	Planting Pasture (with legume)	2-4 Ton / A
CONSER	VATION RESERVE PROGRAM	
1054	CRP Cool Season Grass	
1053	CRP Warm Season Grass	
MISCELL	ANEOUS	
1052	Hops	
1056	Wildlife Food Plots	
1079	Brassicas	2-6 Ton / A
1800	Disturbed Lands	
1055	Horticultural Cover Crop	
1065	Tobacco	1 -1.5 Ton / A
1002	Hemp, for seed production	1000-2000 lbs / A
1003	Hemp, for fiber production	6-10 Ton / A

Soluble Salts \$ 5.00 Nitrate Nitrogen (NO ₃ -N) \$ 8.00 Ammonium Nitrogen (NH ₄ -N) \$ 12.00 Total Nitrogen (N) \$ 15.00 Total Carbon (C) \$ 15.00 Please contact the laboratory for information about other available tests. *Please use the environmental soil submission form for heavy metals: https://agsci.psu.edu/aasl/soil-testing/environmental	ADDITIONAL ANALYSES AND	SERVI	CES
Ammonium Nitrogen (NH ₄ -N) \$ 12.00 Total Nitrogen (N) \$ 15.00 Total Carbon (C) \$ 15.00 Please contact the laboratory for information about other available tests. *Please use the environmental soil submission form for heavy metals:			
Total Nitrogen (N) \$ 15.00 Total Carbon (C) \$ 15.00 Please contact the laboratory for information about other available tests. *Please use the environmental soil submission form for heavy metals:	Nitrate Nitrogen (NO ₃ -N)	\$	8.00
Total Carbon (C) \$ 15.00 Please contact the laboratory for information about other available tests. *Please use the environmental soil submission form for heavy metals:	Ammonium Nitrogen (NH ₄ -N)	\$	12.00
Please contact the laboratory for information about other available tests. *Please use the environmental soil submission form for heavy metals:	Total Nitrogen (N)	\$	15.00
*Please use the environmental soil submission form for heavy metals:	Total Carbon (C)	\$	15.00
	*Please use the environmental soil submission form for heavy m		