PennState Extension

Please mail your soil samples to Pennsylvania State University.

Agricultural Analytical Services Laboratory
The Pennsylvania State University
111 Ag Analytical Svcs Lab
University Park, PA 16802

(814) 863-0841 aaslab@psu.edu www.aasl.psu.edu

	Customer Name (Please Print Clearly):	Additional copy to: Nicole Gunderman
	Business Name:	Business Name: Hamilton County Conservation District
[redacted]	Street or R.D. No.:	Street or R.D. No.: 2702 E. Kemper Road
	City, State, and Zip: / County (sample location)	City, State, Zip: Sharonville, OH 45241
	Telephone No.: / Fax No.: / E-mail:	Telephone no.: (513) 946-8031 / Email: nicole.gunderman@hamiltoncountyohio.gov

USE THIS FORM FOR TURF, HOME GARDEN, NONCOMMERCIAL FRUIT, FLOWER, WOODLOT, CHRISTMAS TREES AND LANDSCAPE PLANTS

NOTE: PAYMENT OF $10.00 MUST BE SUBMITTED WITH YOUR SOIL SAMPLE FOR THE STANDARD FERTILITY ANALYSIS.
Enclose check made payable to Penn State University for $10.00 plus fee(s) for the optional tests listed below you may request

Optional Field/Sample ID (10 characters or less):

_____

The standard fertility report includes results for pH, acidity, Mehlich 3 phosphorus, potassium, calcium, and magnesium and lime and fertilizer recommendations. The nitrogen recommendation is based on crop response.

Optional Tests: Optional tests available for an additional fee 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.

↓ SECTION 1 ↓
CROP INFORMATION

See back of this sheet for crop codes
(This section must be completed)

Crop Code ☐☐☐☐ Crop Name: _____

↓ SECTION 2 ↓
IF TURF IS CODED ABOVE, COMPLETE THIS SECTION

Predominant Grass Species (check only one):
(If you do not know your grass species, leave this section blank)

- ☐ Annual Bluegrass
- ☐ Bentgrass
- ☐ Bermuda Grass
- ☐ Fine Fescues
- ☐ Kentucky Bluegrass
- ☐ Perennial Ryegrass
- ☐ Tall Fescue

__ Organic Matter*	$5.00
__ Soluble Salts	$5.00
__ Nitrate Nitrogen*	$8.00
__ Total Nitrogen (Combustion)*	$15.00
__ Ammonium Nitrogen*	$12.00
__ Total Carbon *	$15.00
__ Particle Size Analysis*	$25.00
__ Micronutrients (Fe, Mn, Zn, and Cu)*	$6.00
__ Aluminum Stress Test for Forest Soils	$9.00
__ Total Sorbed Metals*	$90.00
__ Mercury*	$40.00
__ Selenium*	$30.00
__ Arsenic *	$30.00
__ Molybdenum*	$30.00
__ Lead	$30.00
__ PCBs*	$85.00
__ 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.

Total Cost for Optional Tests: _____

*Result only. No interpretation or recommendation provided.

Enclose check made payable to Penn State University for total cost of optional tests requested.

CODE GUIDE FOR TURF, HOME GARDEN, NONCOMMERCIAL FRUIT, FLOWER, WOODLOT, CHRISTMAS TREES AND LANDSCAPE PLANTS

Locate Crop Name Below. Write Code Number (4 digits) into Crop Code Block on Opposite Side of This Page

TURF

CROP CODE	CROP NAME
2101	Home Lawn-to plant
2001	Home Lawn-maintain
2102	Park Area-to plant
2002	Park Area-maintain
2103	Cemetery-to plant
2003	Cemetery-maintain
2104	Athletic Field-to plant
2004	Athletic Field-maintain
2105	Play Area-to plant
2005	Play Area-maintain
2106	School Lawn-to plant
2006	School Lawn-maintain
2107	Golf Green-to plant
2007	Golf Green-maintain
2108	Golf Tee-to plant
2008	Golf Tee-maintain
2109	Golf Fairway-to plant
2009	Golf Fairway-maintain
2110	Golf Rough-to plant
2010	Golf Rough-maintain
2111	Roadside Area-to plant
2112	Sod Production-to plant
2113	Commercial Lawn-to plant
2013	Commercial Lawn-maintain

Home Garden, Non Commercial Fruits & Flowers

CROP CODE	CROP NAME
5010	Mixed Vegetables
5150	Strawberries
3505	Blueberries
5100	Brambles (blackberry, raspberry)
3500	Grapes
3504	Grapes-American
3506	Grapes-European
5300	Apples, mixed fruit, nuts
5350	Almond,apricot,nectarine,peach,plum
5400	Cherry, pear
5450	Flower bed
5500	Roses-to plant
5510	Roses-maintain
5550	Gladiolus
5999	Other

WOODLOT

CROP CODE	CROP NAME
7010	Conifers-to plant
7020	Conifers-maintain
7030	Hardwoods-to plant
7040	Hardwood-maintain
7050	Mixed species-to plant
7060	Mixed species-maintain

CHRISTMAS TREES

Find Tree for Which You Wish a Recommendation under Group 1 or Group 2 below. Select Crop Code from Group on the Basis of Planting Location (Seed Bed or Field) and Whether Trees are to be Planted (to Plant) or Already in Place (Maintenance)

GROUP 1 Trees Adapted to Acid (pH 5.5) Soils		GROUP 2 Trees Adapted to Slightly Acid (pH 6.0) Soils	
CROP CODE		**CROP CODE**	
6910	Seed bed	6930	Seed bed
6920	Field-to plant	6940	Field-to plant
6925	Field-maintain	6945	Field-maintenance
Fir Balsam	Spruce, Norway	Fir, Douglas	Spruce, Blue Colorado
Fir, Fraser	Spruce, White	Fir, Concolor	Spruce, Colorado
Pine, Red		Fir, White	Spruce, Engleman
Pine, Scotch		Pine, Austrian	Spruce, Serbian
Pine, White		Spruce, Black Hills	

Landscape Plants (Trees, Shrubs, Ground Covers)

Find Tree Shrub or Ground Cover for Which you Wish a Recommendation under one of the Three Groups Below. Select Crop Code from Group on the Basis of Whether Trees are to be Planted (to Plant) or already In Place (Maintenance)

GROUP1 1 Trees Adapted to Acid (pH5.5) Soils		GROUP 2 Trees Adapted to Slightly Acid (pH 6.5) Soils		GROUP 3 Trees Adapted to Neutral (pH 7.0) Soils	
CROP CODE		**CROP CODE**		**CROP CODE**	
6100	To Plant	6300	To Plant	6500	To Plant
6200	Maintenance	6400	Maintenance	6600	Maintenance
Andromeda		Arbovitae		Abelia	
Azalea		Ash, European Mtn.		Ajuga	
Bayberry		Ash		Bugleweed	
Beech		Barberry		Cranberry, bush	
Birch		Boxwood		Dogwood	
Bittersweet		Cherry, Flowering		Cherry, Cornelian	
Dogwood, Kousa		Cinquefoil, Bush		Firethorn	
Hemlock		Clematis		Hollygrape, Oregon	
Holly, American		Cotoneaster		Honeylocust	
Holly, Japanese		Crabapple, Flowering		Ivy, Boston	
Hydrangea, Blue		Dogwood, Flowering		Ivy, English	
Inkberry, Holly		Euonymus		Lilac	
Juneberry		Fir, Douglas		Mockorange	
Juniper		Forsythia		Olive, Russian	
Leucothoe		Ginkgo		Pyracantha	
Larch		Hawthorn		Tall Hedge	
Laurel, Mountain		Hydrangea		Viburnum, Cranberry bush	
Maple, Japanese		Linden, European		Walnut, Black	
Maple, Red		Maple, Norway		Willow, Pussy	
Oak		Maple, Sugar		Wisteria	
Pachysandra		Myrtle			
Pieris, Japanese		Oak, Scarlet			
Pine		Pear, Bradford			
Redbud, Easter		Periwinkle			
Rhododendron		Pine, Austrian			
Serviceberry		Plum, Flowering			
Spruce, Norway		Potentilla			
		Privet			
		Spirea			
		Spruce, Blue Colorado			
		Spruce, Serbian			
		Sweet Gum			
		Sycamore (Planetree)			
		Viburnum			
		Vinca			
		Yew (Taxus)			