

INSTRUCTIONS FOR SOIL TEST INFORMATION SHEET

1. **Names and Addresses** — Clearly print grower's name, address and zip code in first box. Second box is for commercial representatives, ASCS offices or others who should receive a report copy.
2. **Sample and Field Identification** — FIELD NAME is your field identification (can be name, numbers, or both). Record field size to nearest acre. Enter county in which field is located and date field is sampled.
3. **Soil Identification and Information** — From a county soil survey or farm conservation plan, obtain SOIL NAME or map unit symbol for soil occupying largest portion of field. If both are available, the map unit symbol is preferred. Two or more contrasting soil types occupying large, distinct areas should be sampled separately. Judge SOIL DRAINAGE, TEXTURE and COLOR as accurately as possible and check appropriate box. Under SAMPLE DEPTH, indicate starting and ending depths, e.g., 0" to 8", 8" to 16", etc. If sample is a surface 2" sample for assessment herbicide activity problems in no-till, check no-till box.
4. **Crops Grown** — Enter 3-letter CROP CODE for LAST CROP and CROP TO BE GROWN in blocks; e.g., C/O/C/ for conventional tillage field corn. See crop code list below. If other additional crops are being considered, request alternative recommendation by filling 3-letter boxes under CROP TO BE GROWN. Enter estimated YIELD OF LAST CROP where indicated. Check box indicating units (bushels, boxes, etc.).
5. **Tillage and Cover** — Check box under TILLAGE which best describes plans for tilling NEXT CROP. Enter 3-letter COVER CODE for CURRENT COVER in blocks. This is especially important for no-till recommendations.
6. **Irrigation** — Check boxes to indicate if crop is to be irrigated, and what type of system will be used. This extremely important information markedly affects yield potential and thus fertilizer recommendations. Indicate if injection pump will be used for fertilizer applications.
7. **Manure** — If manure was, or will be, applied indicate type (poultry, swine, etc.), time of application and estimate rate in tons/acre. Only general recommendations can be made by this laboratory. For more precise recommendations for different handling systems and application methods, and for information regarding analysis of manure samples, contact your county Extension office.
8. **Last Fertilizer Use** — Record rate of N, P₂O₅ and K₂O applied most recently to field and when applied. Generally, this should represent total fertilizer applied to the previous crop. However, for double-cropped small grains and soybeans sampled in winter, record amount of fertilizer applied to small grains in fall.
9. **Previous Lime Use** — Indicate when lime was applied to field, as well as rate and type. This is important because your current need for lime can be reduced if lime was recently applied.

Code	Name	Code	Name	Code	Name
BAR	Barley	ASN	Asparagus, new beds	ACH	Asparagus, cutting
BRS	Barley-Soybeans, doublecropped	ACN	Asparagus, cutting	BEL	Beans, Lima
BWG	White Clover/Bluegrass	BEN	Beans, Snap	BRO	Broccoli
SUM	Sudan or Millet	BEE	Beets	BSP	Brussels Sprouts
SOS	Sorghum Silage	BEL	Beans, Lima hybrid	CAB	Cabbage
GCT	Grass or Grass/Clover	BRO	Broccoli	CRT	Carrots
GCS	Grass or Grass/Clover	BEE	Beets	CAU	Cauliflower
ALS	Alfalfa, seeding	BEN	Beans, Snap	CEL	Celery
ALT	Alfalfa, topdressing	BEL	Beans, Lima	COL	Collards
CSI	Corn Silage	BRO	Broccoli	CUK	Cucumbers
WTS	Wheat-Soybeans, doublecropped	BSP	Brussels Sprouts	EGG	Eggplant
WHT	Wheat	BEE	Beets	HSH	Horse radish
SFL	Sunflowers	BEN	Beans, Snap	LET	Lettuce
SOG	Grain Sorghum	BEL	Beans, Lima	LEK	Leeks
SON	Soybeans, full season	BRO	Broccoli	LET	Lettuce
SOC	Soybeans, conventional tillage	BSP	Brussels Sprouts	LEK	Leeks
RYE	Rye	BEE	Beets	MEL	Muskmelons
OAT	Oats	BEN	Beans, Snap	MXV	Mixed Vegetables
CON	Corn, no-till	BEL	Beans, Lima	ONB	Onions, Bulb
COO	Corn, conventional tillage	BRO	Broccoli	ONS	Onions, Scallion
BRS	Barley-Soybeans, doublecropped	BSP	Brussels Sprouts	PAR	Parsley
BAR	Barley	BEE	Beets	PSP	Parsnips
WTS	Wheat-Soybeans, doublecropped	BEN	Beans, Snap	PEA	Peas
WHT	Wheat	BEL	Beans, Lima	PEL	Peas/Lima Beans, doublecropped
SOG	Grain Sorghum	BRO	Broccoli		
SON	Soybeans, full season	BSP	Brussels Sprouts		
SOG	Grain Sorghum	BEE	Beets		
SFL	Sunflowers	BEN	Beans, Snap		
WHT	Wheat	BEL	Beans, Lima		
WTS	Wheat-Soybeans, doublecropped	BRO	Broccoli		

CROP CODE LIST

Code	Name	Code	Name
PES	Peas/Snap Beans, doublecropped	POS	Potatoes, White, scab resistant
PEP	Peppers	PON	Potatoes, White, non-scab resistant
PEP	Peppers	POR	Potatoes, Russet
PUM	Pumpkins	PSW	Potatoes, Sweet
RAD	Radishes	RUT	Rutabaga
RUT	Rutabaga	SPN	Spinach
SPN	Spinach	SQU	Squash
SQU	Squash	SWC	Sweet Corn
SWC	Sweet Corn	TOM	Tomatoes
TOM	Tomatoes	TUR	Turnips
TUR	Turnips	WME	Watermelon
WME	Watermelon	APL	Apples
APL	Apples	BLU	Blueberries
BLU	Blueberries	BRM	Brambles
BRM	Brambles	CHR	Cherries
CHR	Cherries	GRA	Grapes
GRA	Grapes	PAR	Pears
PAR	Pears	PLU	Plums
PLU	Plums	PNC	Peaches, Nectarines
PNC	Peaches, Nectarines	STR	Strawberries

FRUIT CROPS

Code	Name	Code	Name
DBS	Deciduous Shrubs	FAL	Fallow
EVB	Broadleaf Evergreens	CST	Corn or Sorghum
EVN	Needle Evergreens	STB	Stubble
TRS	Deciduous Trees	BST	Soybean Stubble
XMS	Christmas Trees	SGS	Small Grain Stubble
		VET	Hairy Vetch
		AWP	Austrian Peas
		CCL	Crimson Clover
		OAT	Oats
		RYE	Rye
		RYG	Ryegrass
		ASD	Alfalfa Sod
		GLS	Grass/Clover Sod, greater than 50% clover
		GSD	Grass/Clover Sod, less than 50% clover

COVER CODE LIST

NURSERY CROPS-FIELD GROWN

10. **Fertilizer Application Methods** — Indicate how fertilizer will be applied at planting. If crop will be sidedressed (primarily with nitrogen), check box describing method of application. Check more than one box if necessary.
 11. **Soil Tests Desired** — Be sure that the tests desired are checked in this section. If special tests are needed, purchase them in advance at county Extension office, which will issue a receipt for amount required. Copy of receipt must be placed in envelope along with this information sheet.
 12. **Comments** — If sample comes from problem area, describe problems including plant appearance and color, yield, etc. Also include information you feel is important that is not covered on the information sheet.
- A pamphlet describing proper sampling techniques is provided with each purchase of soil testing bags at county Extension offices.
- ### Submitting Samples
- All samples must be submitted in cloth bags provided by the University of Delaware Soil Testing Laboratory. These bags are sold at county Extension offices (see below) for \$7.50. Laboratory will accept no soil samples in other bags. This indicates that charge for routine analysis has been paid. See section 11 above about purchasing special tests. Soil samples may be left at county Extension offices, or mailed to SOIL TESTING LABORATORY, TOWNSEND HALL, UNIVERSITY OF DELAWARE, NEWARK, DE 19717-1303. Please use plastic liner.
- ### Return of Results and Suggested Fertilizer Program
- Soil test results and fertilizer program suggestions are returned directly to grower. A copy is also mailed to local ASCS office or company representative when requested. A copy is automatically mailed to your county Extension agent. Normally, the soil test report should be received within 14-18 days of submission of samples. However, allow more time in November, December, March and April. These are especially busy months for the soil testing lab.
- ### Inquiries About Samples
- Address inquiries about sample results and recommendations to local county Extension office. Providing the Bag Number of submitted samples is often helpful.
- ### County Extension Offices
- New Castle County:** 910 South Chapel Street, Newark, DE 19716-1303, (302) 831-2506.
Kent County: 69 Transportation Circle, Dover, DE 19901, (302) 730-4000.
Sussex County: University of Delaware Research and Education Center, 16684 County Seat Highway, Georgetown, DE 19947, (302) 856-7303.