Soil sampling log

Bag IDs, collection details, missed points and laboratory receipt. Fill in each field; the grey line under it says what goes there. A filled sample follows the blank form.

Field, order and collection conditions

Establish which job and source instructions the bags belong to.

Grower

Use the operation name on the laboratory submission.

Field and acres

Retain local field name, supplied agency ID and area represented.

Ordered by

Name who ordered the job and should receive results.

Date sampled and sampler

Record each collection date and sampler.

Field conditions

Describe moisture and residue observed; attribute supplied lime, manure or fertilizer history.

Planned and actual collection method

Retain the instruction before documenting departures from it.

Method

☐ Grid ☐ Zone ☐ Whole field composite

Identify grid, zone or composite sampling and the plan reference.

Grid size or zone source

Save the grid dimensions or zone-map source and number of units.

Depth (inches)

State instructed and actual depth with units and document any difference.

Cores per sample

Retain actual core count and pattern for each composite.

Lab and test package

Copy the receiving laboratory and ordered test package.

Bag-by-bag collection record

Include skipped and moved locations as identifiable exceptions.

Sample ID	Grid point or zone	Latitude	Longitude	Depth (in)	Cores	Notes

Sample ID	Grid point or zone	Latitude	Longitude	Depth (in)	Cores	Notes

Sample ID: Use the identical ID on bag, map and submission.
Grid point or zone: Match the point or zone to the source map.
Latitude: Record actual sample latitude and coordinate format.
Longitude: Record actual longitude, including the destination of any moved point.
Depth: Enter actual depth here; explain shallow or variable cores.
Cores: Count cores actually combined in this bag.
Notes: Explain access, rock, old boundaries or other relevant sampling exceptions.

Shipment and laboratory receipt

Reconcile what was collected with what was sent.

Box	Sample IDs	Shipped	Carrier and tracking	Lab received

Box: Assign the physical box a traceable label.
Sample IDs: List included IDs and gaps; do not imply a skipped bag was sent.
Shipped: Date dispatch or hand delivery.
Carrier and tracking: Retain tracking or the actual delivery method.
Lab received: Enter receipt only when confirmed by the lab.

Exceptions for the agronomist

Leave unresolved collection work visible before interpretation.

Field notes

Summarize moved, shallow and skipped points, separating grower statements.

Points to resample

Identify the specific point, return condition and responsible sampler.

Signature

Sign and date the reconciled collection and shipping log.

Soil sampling log

SAMPLE · FICTIONAL FARM

Filled in for Ostrander Farms, a made-up farm. Ostrander Farms is a fictional corn and soybean farm in north-central Illinois, sampled by a fictional sampling service.

SAMPLE · Field, order and collection conditions

Grower
Ostrander Farms (Paul Ostrander)

Field and acres
North 80, FSA field 2, 78 acres

Ordered by
R. Delgado, agronomist

Date sampled and sampler
October 21, T. Haas

Field conditions
Soybean stubble, harvested October 15. Soil moist, low ground by the waterway wet. Grower says the east end got lime in the spring.

SAMPLE · Planned and actual collection method

Method

☒ Grid ☐ Zone ☐ Whole field composite

Grid size or zone source
2.5-acre grid from the agronomist's precision software, 31 points

Depth (inches)
0 to 7

Cores per sample
8, in a 30 ft circle around the point

Lab and test package
Sample lab, routine package plus organic matter

SAMPLE · Bag-by-bag collection record

Sample ID	Grid point or zone	Latitude	Longitude	Depth (in)	Cores	Notes
OST-N80-01	Point 1	41.3512	-89.1234	0 to 7	8	None
OST-N80-14	Point 14	41.3530	-89.1201	Skipped	0	Standing water by the waterway; resample when dry
OST-N80-22	Point 22	41.3541	-89.1189	0 to 4	8	Probe hit rock at 4 in on most cores
OST-N80-31	Point 31	41.3552	-89.1170	0 to 7	8	Moved 40 ft east, off an old fence line

SAMPLE · Shipment and laboratory receipt

Box	Sample IDs	Shipped	Carrier and tracking	Lab received
1	OST-N80-01 to 16 (14 skipped)	October 22	Dropped off at the lab	October 22
2	OST-N80-17 to 31	October 22	Dropped off at the lab	October 22

SAMPLE · Exceptions for the agronomist

Field notes
30 of 31 points pulled. Point 14 skipped, standing water. Point 22 shallow, rock. Point 31 moved off the old fence line. East end limed in the spring per the grower.

Points to resample
Point 14, when the waterway dries

Signature
T. Haas, October 21