MODEL TRAINING PROTOCOL

Optimizing the training process
- To the best of your ability, try to sample zones with variable soil types and properties. - If possible, collect samples from 5 different fields, 10 composites per field. - Otherwise, please collect at least 5 samples from a given field. - Use the probe between 32-104 °F (0-40 °C). Do not sample if the field is frozen.

Maximizing the quality of your measurements
- The probe must be inserted into a hole with a diameter of 1 inch or less. - Insert the probe vertically without enlarging the pre-hole diameter. - Fill any gaps between the probe and the soil by hand. - Do not touch the probe while it's taking a measurement. - The sensor should be wiped with a microfiber towel after each reading.

Soil Sampling	
STEP 1	Using the ⅞" diameter step probe, collect 4 cores at a depth of 8 inches. The cores should be at a distance of 8 inches from each other, forming a square.
STEP 2	Put the 4 cores into a bucket.
STEP 3	Set the ChrysaLabs probe in composite mode.
STEP 4	Push the probe to the bottom of each core hole and take a probe reading in each of them.
STEP 5	Homogenize the soil in the bucket and put it in a sample bag.
STEP 6	Using a sharpie, write down the composite ID generated on the ChrysaLabs probe on the bag. The composite ID is a 4 or 5 digit alphanumeric code. Ex : CF0B7
STEP 7	Repeat those steps 50 times to collect a total of 50 bags.
STEP 8	Fill your laboratory submittal sheet with all the composite IDs that are on the bags.
STEP 9	Put your bags in a box with the laboratory submittal sheet and ship it to Ward Lab using the provided label.
STEP 10	If not shipped the same day as collected, samples should be refrigerated until shipped to the lab to help ensure accurate NO3 results.

For any questions, please contact us at support@chrysalabs.com.