SOIL NUTRIENT ANALYSIS
TOTAL DIGEST SUBMISSION GUIDE

SNA Total Digest (TD) determines the concentration of soil reserve analytes such as Potassium, Phosphorous, Calcium, Aluminum, Iron, Copper, and Zinc and their ratios to one another. This type of analysis is also suitable to analyze the heavy metal contamination in soils (add Deluxe Analytes for this option) and can be used to monitor metals increases due to irrigation water. This testing method models the total extractable nutrient profile for soil reserves. This method provides an in-depth perspective to understand the total amount of nutrients the plant can access.



SUBMISSION INSTRUCTIONS:

1. **Collect** a representative sample from each test block by taking 10+ cores. Mix all the cores together and provide at least 2 cups of soil per test.
2. **Place** the sample into a Ziploc or Apical provided submission bag. The maximum size of each sample should not exceed 1 quart.
3. **Order** reports online at https://www.apical-ag.com/grower/order/quick?step=1.
4. **Print** out your order summary and include it with your shipment.
5. **Write** the sample numbers from your order summary on each bag.
6. **Mail** samples (including check/money order or paid submission form) and order summary to:

Apical Crop Science LLC
1382 SE 3rd Ave, Suite 4
Canby, OR 97013

DO NOT SEND ANY INTERNATIONAL LEAF, SOIL, WATER, CNA SAMPLES WITHOUT PRIOR WRITTEN APPROVAL FROM APICAL. SUBMISSIONS THAT DO NOT COMPLY WITH THE ESTABLISHED SAMPLING PROTOCOL WILL BE DEEMED INVALID.

TIPS FOR BEST RESULTS:

- Depth of each core should be determined by the average plant height. See chart.
- Sample size should be a minimum of 2 cups.
- Sample weak or troubled areas separately.
- Test method typically utilized every 2-3 years.
- Take samples when the soil is at Field Capacity (not saturated or overly dry).

Crop Height	Core Depth
0-12"	0-6"
12-30"	0-10"
30"+	0-16"