SOIL SOLUTION ANALYSIS SUBMISSION GUIDE

Soil Solution Analysis (SSA) is a comprehensive soil test that evaluates nutrient availability in both Shallow and Deep soil layers. This information helps farmers understand soil health, identify nutrient deficiencies or excesses, and manage nutrient leaching and depletion. SSA is essential for sustainable agriculture, enabling farmers to optimize nutrient use and maintain soil health for long-term productivity.



SUBMISSION INSTRUCTIONS:

1. **Collect** a representative sample from both the Shallow & Deep soil layers. Keeping the Shallow & Deep samples SEPARATE.
   - Shallow: The Active Rooting zone (See chart below for depth according to crop height).
   - Deep: The Passive Rooting Zone (See chart below for depth according to crop height).
2. **Place** the samples into separate Ziploc or Apical provided submission bags. Each sample should be a minimum of 2 cups of soil.
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:

- Representative samples should include 5+ cores that reflect the average soil conditions.
- Sample size should be a minimum of 2 cups.
- Sample weak or troubled areas separately.
- Test method utilized year round.
- To ensure that both Shallow and Deep samples remain separate, core the first time for Shallow then a second time for Deep.
- Typically utilized 1-time a year, any season.

Crop Height	Shallow Sample	Deep Sample
1-6"	0-3"	3-6"
6-24"	0-4"	4-8"
24-48"	0-8"	8-16"
48"+	0-12"	12-24"