

Sample Soil from both Deep and Shallow layers and place **EACH SEPARATELY** into **individually labeled bags**

1. Shallow –The Active Rooting Zone (See Below for depth according to crop)
2. Deep–The Passive Rooting Zone (See Below for depth according to crop)
3. Use a clean soil probe and bucket to take a representative sample of your block, splitting each core into deep and shallow fractions (see photo below) **** If probe is not available, use a tape measure and a shovel***
4. Break up the cores into smaller chunks if possible in each sample before placing into bag
5. Include 1-2 cups of soil of **EACH DEEP AND SHALLOW SOIL IN SEPARATE BAGS** from your field
6. Complete submission label, including grower, field and crop information and affix labels to sealable plastic bags **(Paper bags are fine)**
7. Mail samples to:

Apical Crop Science
1382 Se 3rd Ave Suite 4
Canby, Or 97013

<u>Crop Height</u>	<u>Shallow Sample (approx.)</u>	<u>Deep Sample (approx.)</u>
1-3"	0-2"	2-4"
3-6"	0-3"	3-6"
6-12"	0-4"	4-8"
12-24"	0-5"	5-10"
24-36"	0-6"	6-12"
36-48"	0-8"	8-16"
48" and taller	0-12"	12-24"



Tips for best results

1. Always use a clean bucket, wash your hands, sterilize the probe with rubbing alcohol if needed.
2. Take soil sample when soil is at Field Capacity-- not saturated or overly dry--if possible.
3. Ensure a representative sample from your block and sample weak areas separately.