

Growth Rate Data Collection Protocols

TOOLS

- ☐ Smartphone with camera
- ☐ Ruler
- ☐ Knife
- ☐ Hanging scale
- ☐ Mesh bags (3)

SAMPLE COLLECTION PROTOCOL

- Identify and mark 3 collection sites on different growlines dispersed evenly throughout your farm. If you have fewer than 3 growlines, you only need to sample from one line.
- Return to these marked locations and follow the collection instructions below once per month from March until June (or harvest.)

INSTRUCTIONS

1. Locate the first sample site and lift that portion of the growline from the water. Take a picture showing the full kelp blades, including any biofouling.
2. Zero the hanging scale by placing an empty mesh bag on the hook and press the “ /T” button. Wait for the screen to read “0.00”
3. Use the ruler to measure a 1-ft section of your growline. Use a knife to remove all of the kelp (blades, stipes and holdfasts) from this section and place it into the mesh bag. Weigh the mesh bag + kelp using the zeroed hanging scale.
4. Record the weight in pounds to a notebook or a log on your phone.
5. Repeat steps for 1 - 4 for “Sample B” and “Sample C” at the other marked locations on your farm. When you’re finished, be sure to include the weights and photos in your data log.

