

## **Priming for Production: Soil Organic Matter podcast series**

### Discussion questions

#### Episode 2

What two physiological processes must be balanced in order to maintain a steady level of carbon in soil? What “radical changes” can we promote to reverse traditional agriculture’s negative influence on soil carbon?

What questions can we ask our researcher hosts at Rodale to build on these thoughts?

#### Episode 3

What does the new understanding of soil organic matter’s composition mean for farmers? How can we take advantage of this to craft new and more effective messages that help farmers build soil carbon?

How do we create the perfect conditions in the field for microbes to do their jobs turning over and storing away more organic matter?

What questions can we ask our researcher hosts at Rodale to build on these thoughts?

## Episode 4

What hypothesis might explain why did the organic system in Cynthia's Colorado State experiment have higher soil organic matter than the conventional system, despite having lower carbon inputs?

How can we translate this into messages for farmers?

What questions can we ask our researcher hosts at Rodale to build on these thoughts?