

Guiding Questions

The Select Standing Committee on Agriculture, Fish and Food wants to hear from British Columbians about agricultural soil, carbon sequestration and related technology in BC.

Soil carbon sequestration is the process of capturing carbon dioxide from the atmosphere and storing it in the soil. It is achieved through management practices and carbon rich soil amendments. Carbon-rich, healthy soil enhances agricultural productivity, climate resiliency, and biodiversity.

Practices and technologies associated with carbon sequestration and soil health include (but are not limited to):

- Tree planting in marginal lands or within crop lands and pastures
- Rotational grazing
- Cover cropping
- Composting and organic amendments
- Sensing, sampling, and analysis technologies
- Decision aid and farm management tools

For further detail about carbon sequestration and the Committee's work, visit the [June 12, 2023 meeting details page](#).

Guiding questions for providing input are outlined below. Your input and the Committee's consultation are not limited to these questions. The Committee recognizes that farmers, ranchers, producers, growers, processors, Indigenous organizations, and agritech innovators throughout the province may have different perspectives and there may be additional issues not addressed in the questions. As such, you are encouraged to provide any input that reflects your experience and perspectives.

- What opportunities exist to improve soil health and increase carbon content in BC's agricultural soils?
- What are the barriers or risks to adopting practices and technologies that are associated with increased carbon sequestration in the agricultural sector?
- How can the provincial government support BC's agritech sector to develop new carbon sequestration innovations?
- How can the provincial government encourage and support farmers, ranchers, producers, growers, and processors use of made-in-BC innovations to increase carbon sequestration?
- How can collaboration between farmers, innovators, researchers, and the provincial government be improved?