Connect, Extend, Challenge

Connect:

How does dividing the farm into equal parts connect to what you know about fractions?

What connections can you make between the size of the crop sections and the fractions they represent?

Extend:

How does thinking about the farm in fractions extend your understanding of how to add or compare fractions?

Can you extend this concept by imagining how the farm would look if some sections were split into smaller fractions (e.g., halves, quarters, or eighths)?

Challenge:

What would happen to the fractions if two crop sections were combined or if one section were divided into smaller equal parts?

Can you challenge yourself to manipulate the grid by imagining ways to rearrange the farm while keeping the total area equal?