

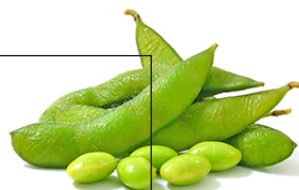
# Resource 4

## Crop cards



### SOYBEAN

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**Use:** Provides both oil and protein for animals and humans

1. Soybean belongs to the family of plants known as legumes, as do pulses.
2. Soybean works as a natural fertilizer.
3. As it grows in the soil, soybean draws nitrogen from the atmosphere to be used as energy to grow. This means it does not need extra nitrogen fertilizer.

### WHEAT

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**Use:** Ground into flour or used in animal feed

1. Wheat belongs to the family of plants known as grasses, as do other cereal crops like barley and oats.
2. Fertilizer is often placed in the soil before a wheat crop, as wheat cannot draw nitrogen from the atmosphere like beans or clover.
3. Wheat can be planted at both the start of autumn and the start of spring.

# Resource 4

## Crop cards



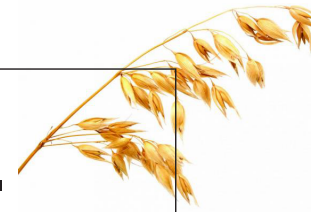
### BEANS



**Use:** High protein food for both humans and animals

1. As well as being delicious, beans are an excellent break crop.
2. Beans belong to the family of plants known as 'legumes', as do other pulses like peas, lentils and chickpeas.
3. Beans do use up soil nutrients while they grow but, as a pulse, they also add nitrogen back into the soil after the plant has been harvested.

### OATS



**Use:** Breakfast cereals and snack bars.  
Also used as animal feed

1. Oats generally require less fertilizer than other crops to grow.
2. Oats and other cereal crops like wheat and barley have fibrous root systems that are good at capturing soil nutrients.
3. Crops like oats have leaves that quickly create shade which stops small weeds growing.

#### Teacher Note

An example of a successful crop rotation would be:  
Year 1 Soybean, Year 2 Wheat, Year 3 Edible Beans, Year 4 Oats