

Tomato Plant



Type of organism: Plant

Edible? Yes

Important features:

- Grow best at 18-29°C – won't grow well in cold weather
- Good source of beta-carotene

Rice Plant



Type of organism: Plant

Edible? Yes

Important features:

- The edible parts of the plant – the seeds – are a staple food in many parts of the world

Cotton Plant



Type of organism: Plant

Edible? No

Important features:

- Certain parts of the cotton plant can be broken down to obtain cellulose
- Cotton plants can be eaten by insects and parasites, which reduce the yield when this plant is harvested

E. coli



Type of organism: Bacteria

Edible? No

Important Features:

- Easy to put genes into
- Very easy to grow, and they grow fast, so if you wanted to make a protein in these, you'd get a lot of it...

Algae



Type of organism: Plant

Edible? Some types yes

Important features:

- Can be grown in large quantities underwater, meaning land that could be used for other things isn't taken up by algae
- Source of energy-rich oils, which can be utilised as fuels