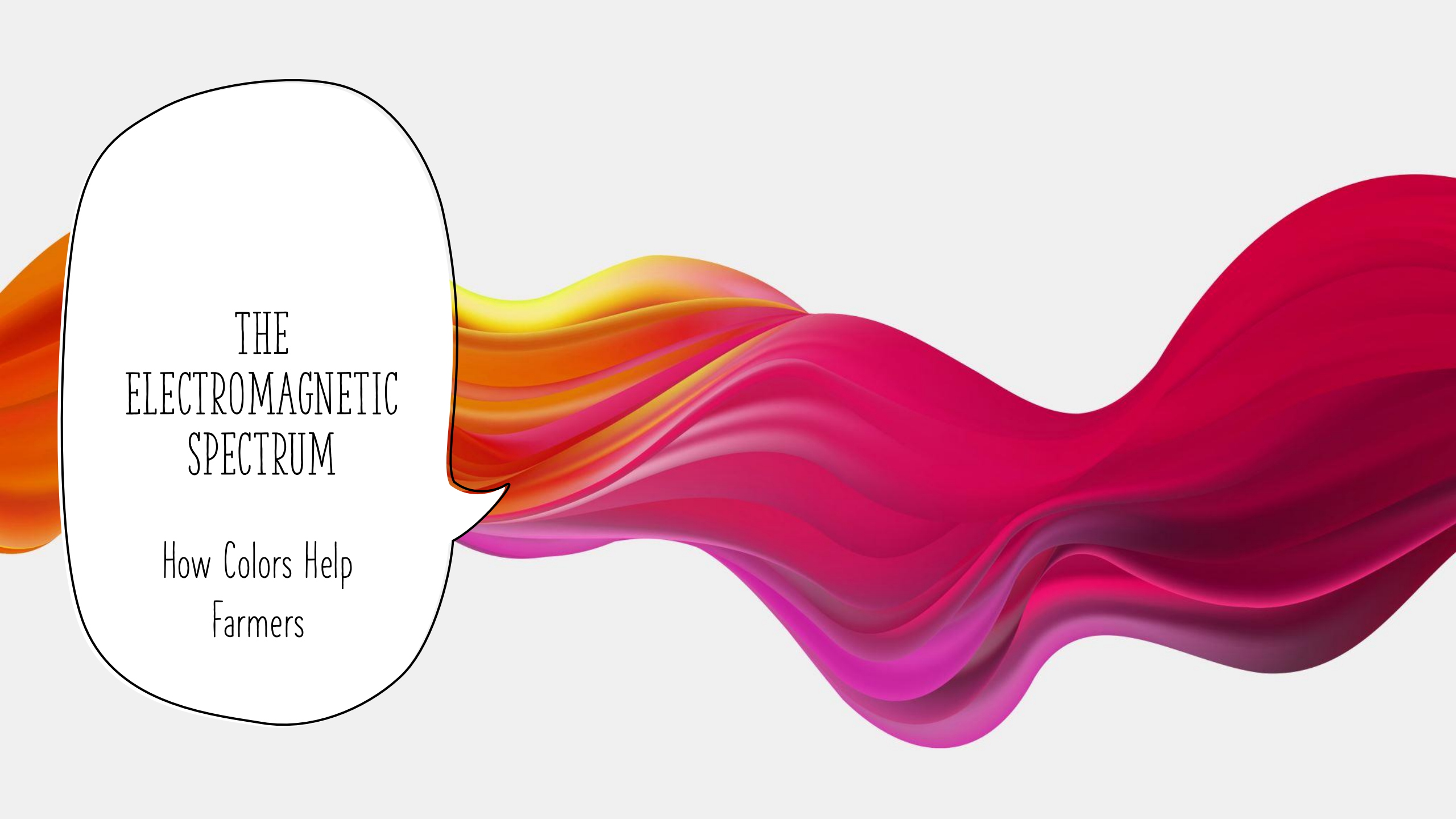




THE ELECTROMAGNETIC SPECTRUM

How Colors Help
Farmers

Electromagnetic Spectrum



Visible

Higher energy

Lower energy



HOW PLANTS USE LIGHT





GREENHOUSE

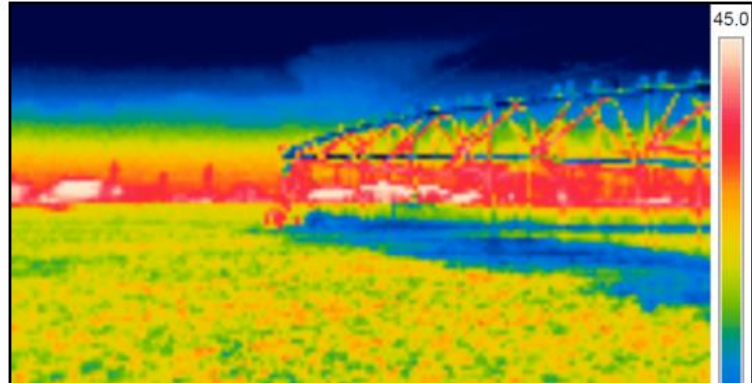
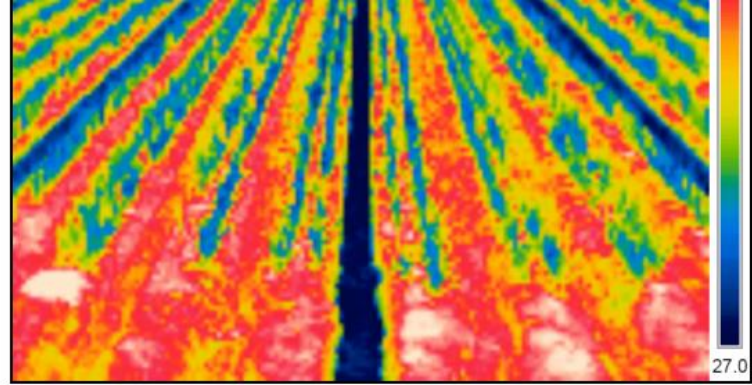
Farmers can grow food indoors!

A photograph of indoor plants, possibly peace lilies, under a strong red light. The leaves are a vibrant red color. In the background, there are vertical blue light sources. A white speech bubble with a black border is positioned in the lower right, containing the text "RED LIGHT IN AGRICULTURE".

RED LIGHT IN AGRICULTURE

BLUE LIGHT IN AGRICULTURE





INFRARED LIGHT



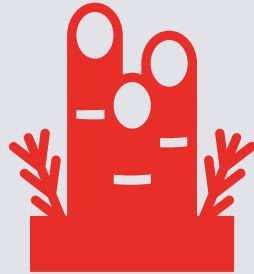


HOW FARMERS USE LIGHT TECHNOLOGY

SUMMARY



Light is very important for plants.



Different colors of light help plants in different ways.



Farmers use light technology to grow healthy plants and get more food.

THANK YOU!



THANK YOU FOR LEARNING ABOUT THE
ELECTROMAGNETIC SPECTRUM AND HOW IT HELPS
FARMERS!



DO YOU HAVE ANY QUESTIONS?

