



## Skow Sci-Show \* Biology \*

Video Lessons





# Could Climate Change Make Plants More Toxic?

Episode 1



click here to watch the video



#### **A. VOCABULARY** Match the words with their meanings.

- 1. causing or likely to cause harm; dangerous.
- 2. not predictable; not able to be known beforehand.
- 3. things made or grown in order to be sold, especially fresh fruit and vegetables.
  - 4. the air of a particular place.
- 5, the time before machines were introduced to produce goods on a large scale.
- **6.** to make less in amount or size.
  - 7. harmfully overspreading or penetrating, often quickly and aggressively.

pre-industrial atmosphere

unpredictable harmful reduce invasive

#### **B. VOCABULARY**

Choose the correct words.

unpredictable atmosphere harmful pre-industrial reduce invasive produce

- 1. Climate crisis is \_\_\_\_\_ to the environment.
- Higher levels of CO2 can have \_\_\_\_\_ effects.
- 3. Plants \_\_\_\_\_ useful and dangerous compounds.
- CO2 is a relatively small percentage of the \_\_\_\_\_.
- 5. CO2 has increased a lot since \_\_\_\_\_ times.
- 6. Higher CO2 levels might \_\_\_\_\_ the amount of nutrition that we get from our food.
- 7. The \_\_\_\_\_ biotype produced more parthenin.

#### A. COMPREHENSION

Choose the correct answers.

- 1. What do plants use for photosynthesis?a. CO2b. partheninc. nutrition
- 2. How much carbon dioxide is in the atmosphere?
  a. 4%
  b. 0.04%
  c. 40%
- 3. Which plants produce less nicotine at high levels of CO2?

  a. famine weed

  b. carrots

  c. tobacco
- 4. What toxin causes asthma and skin irritation in humans?
  a. parthenin
  b. nicotine
  c. CO2

#### **B.** COMPREHENSION

True or False?



- 1. Plants use CO2 for photosynthesis.
- 2. Some vegetables become less nutritious at higher levels of CO2.
- 3. Rising CO2 levels have the same effect with plants.
- 4. The famine weed is a harmful invader.



5. As CO2 levels increase, the famine weed's invasive biotype could become even more toxic even more invasive:



#### C. COMPREHENSION QUESTIONS

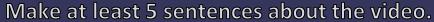
Answer the questions.



- 1. Could climate change make plants more toxic? Explain your answer?
- 2. How can we protect plants from climate change?
- 3. How does industrial pollution affect plants?
- 4. What other things did you learn from this video?



### D. COMPREHENSION - SUMMARY Make at least 5 sentences about the video.



You may use the helping words in the box.

harmful unpredictable produce atmosphere Pre-industrial reduce invasive