

III. Factors that Influence the Rate of Photosynthesis

A. Light

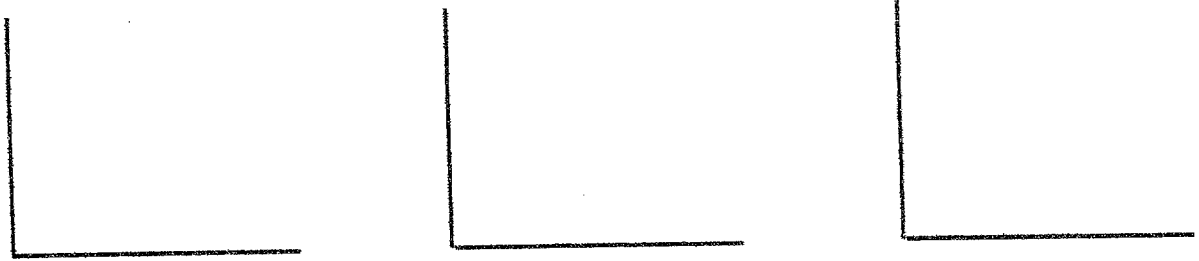
- a. \Rightarrow \Rightarrow produced
 the amount of
- b. Many plants spread out their leaves to light falling on them.
- c. Too much light at a high intensity can
- d. Shade plants photosynthesize better in light.

B. Temperature

- a. \Rightarrow \Rightarrow
- b. Temperatures above 40°C \Rightarrow \Rightarrow slower rate
- c. Cold temperature \Rightarrow enzymes move too for a reaction to occur.

C. Carbon Dioxide

- a. in the concentration of \Rightarrow of photosynthesis



- No matter how much light is increased the rate will not increase after the plateau on the graph below.
- Unless another factor increases; add more heat or more CO_2

