

# QUICK QUIZ

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## Carbon Dioxide And You

(NAPSA)—This short quiz about ways to decrease the carbon dioxide in our atmosphere may make you breathe a lot easier.

1. The process by which carbon dioxide is captured and stored by plants and trees is called (a) conversion, (b) carbon sequestration (c) carbon restoration?

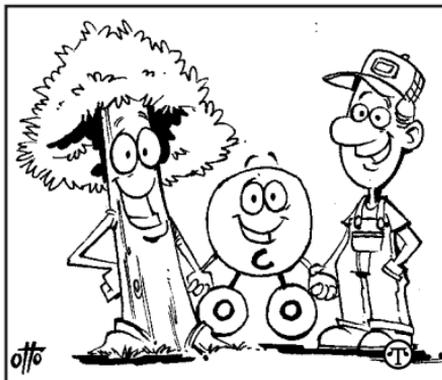
2. Pasturelands have the greatest opportunities for increasing soil carbon (a) true (b) false?

3. Forests cover this much of the U.S. (a) one-fifth (b) one fourth (c) one-third?

4. Most scientists have come to the view that carbon dioxide emissions from all sources can be offset to a significant degree by the sequestration of carbon here on earth (a) true (b) false?

### ANSWERS

1. (b) The process is called carbon sequestration. The process is also known as carbon recycling. Scientists believe the storage of carbon—carbon retained in plant leaves, branches, stems and roots and in soils themselves—is beneficial to plant life and reduces the concentration of carbon in the earth's atmosphere. Scientists say this is a good way to reduce a warming climate. 2. (a) True. Say



experts at the Department of Energy. It can be done with improved practices such as rotational grazing and the application of fertilizers. 3. (c) One-third. This totals about 750 million acres. Scientists say the growth of forests and their management offers one of the most promising sources of carbon sequestration in the biosphere. 4. (a) True. Scientists believe that carbon dioxide emissions can be offset to a significant degree by the sequestration of carbon in terrestrial ecosystems comprising soils, crop lands, grazing lands and forest lands, if these ecosystems are properly managed.

More information about carbon sequestration is available at [www.co2andclimate.org](http://www.co2andclimate.org).