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Nitrogen Cycle

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| **Across**  **5.** They are essential to the nitrogen cycle; breakdown wastes, such as urine, dung, leaves, and other decaying plants and animals  **7.** The only organisms that can fix atmospheric nitrogen into chemical compounds  **9.** Nodules that live on the roots of plants  **10.** Other bacteria convert ammonia into; plants can use | **Down**  **1.** Nitrogen in the air  **2.** Some of the nitrogen that cycles from the atmosphere and living this is released to the soil with the help of  **3.** The layers of gases that surround the earth; the air  **4.** The process by which bacteria changes fixed nitrogen back to gaseous nitrogen, which is then released back into the enviroment.  **6.** nitrogen-fixing bacteria in soil and roots of nodules produce  **8.** Makes up 78 percent of the gases in the atmosphere |