


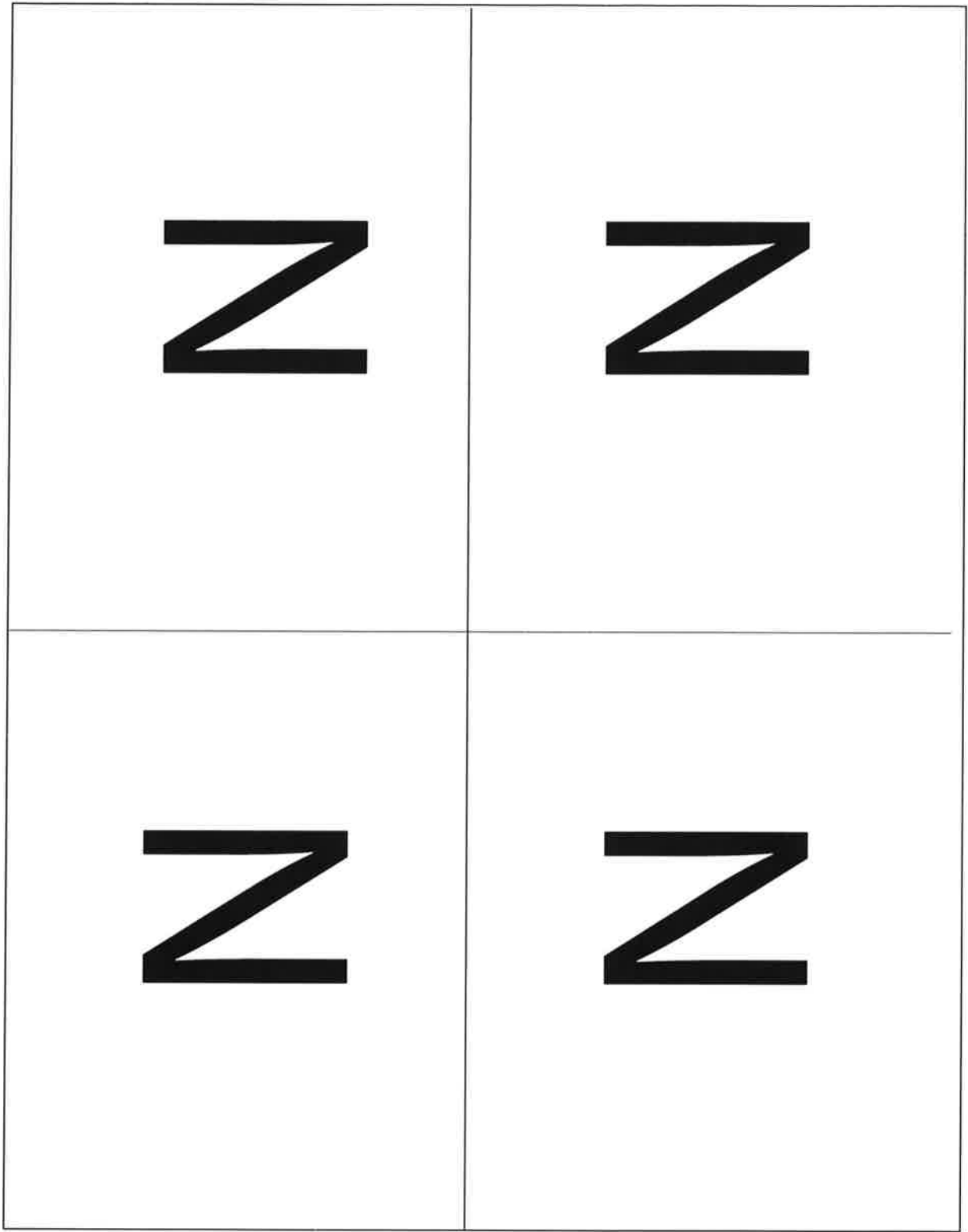
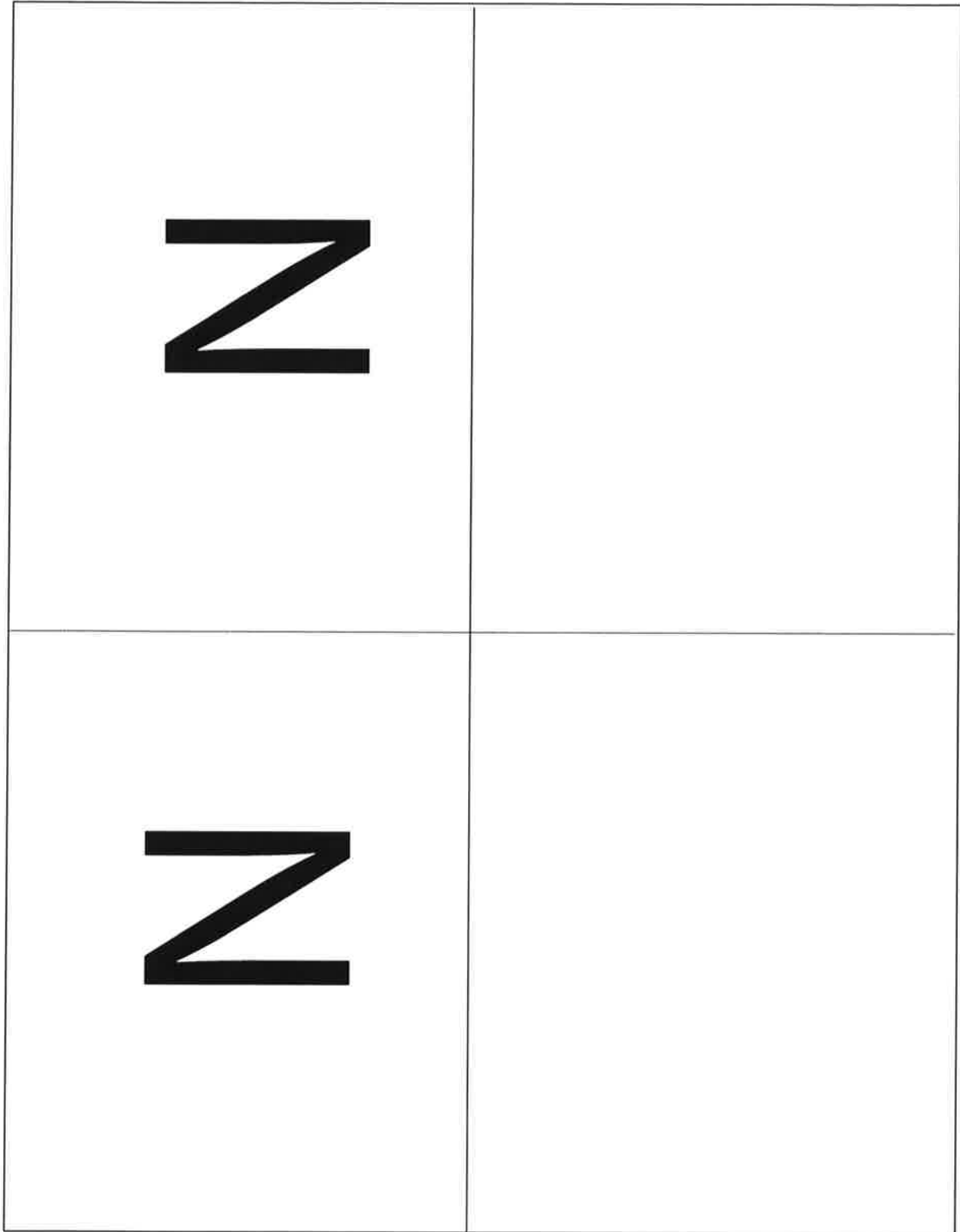
 and others	
	

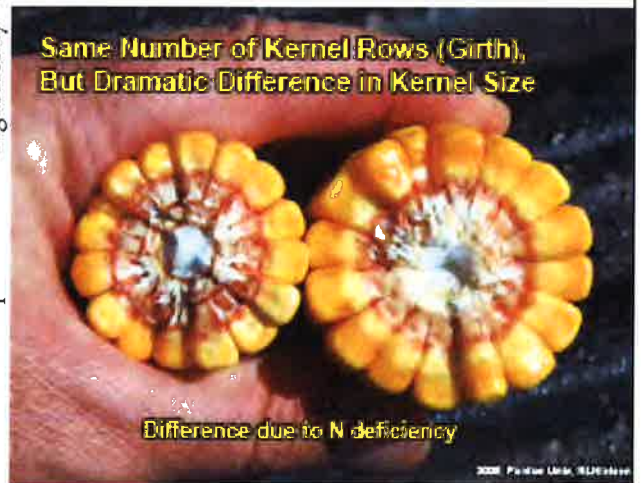




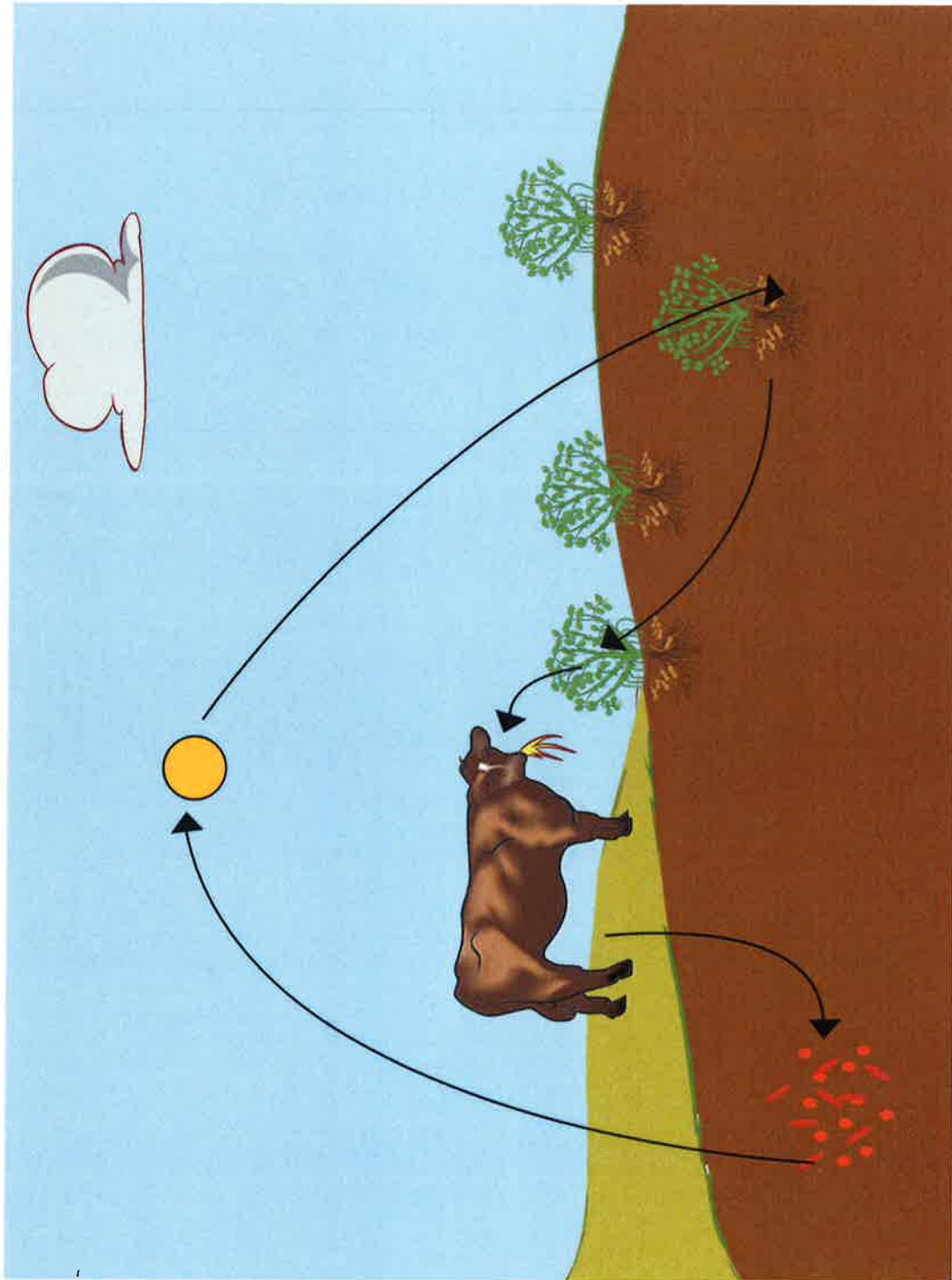
Colorado State Extension--<http://www.ext.colostate.edu/mg/gardennotes/231.html#N>



Purdue Department of Agronomy--<https://www.agry.purdue.edu/ext/corn/news/timeless/CornRespLateSeasonN.html>



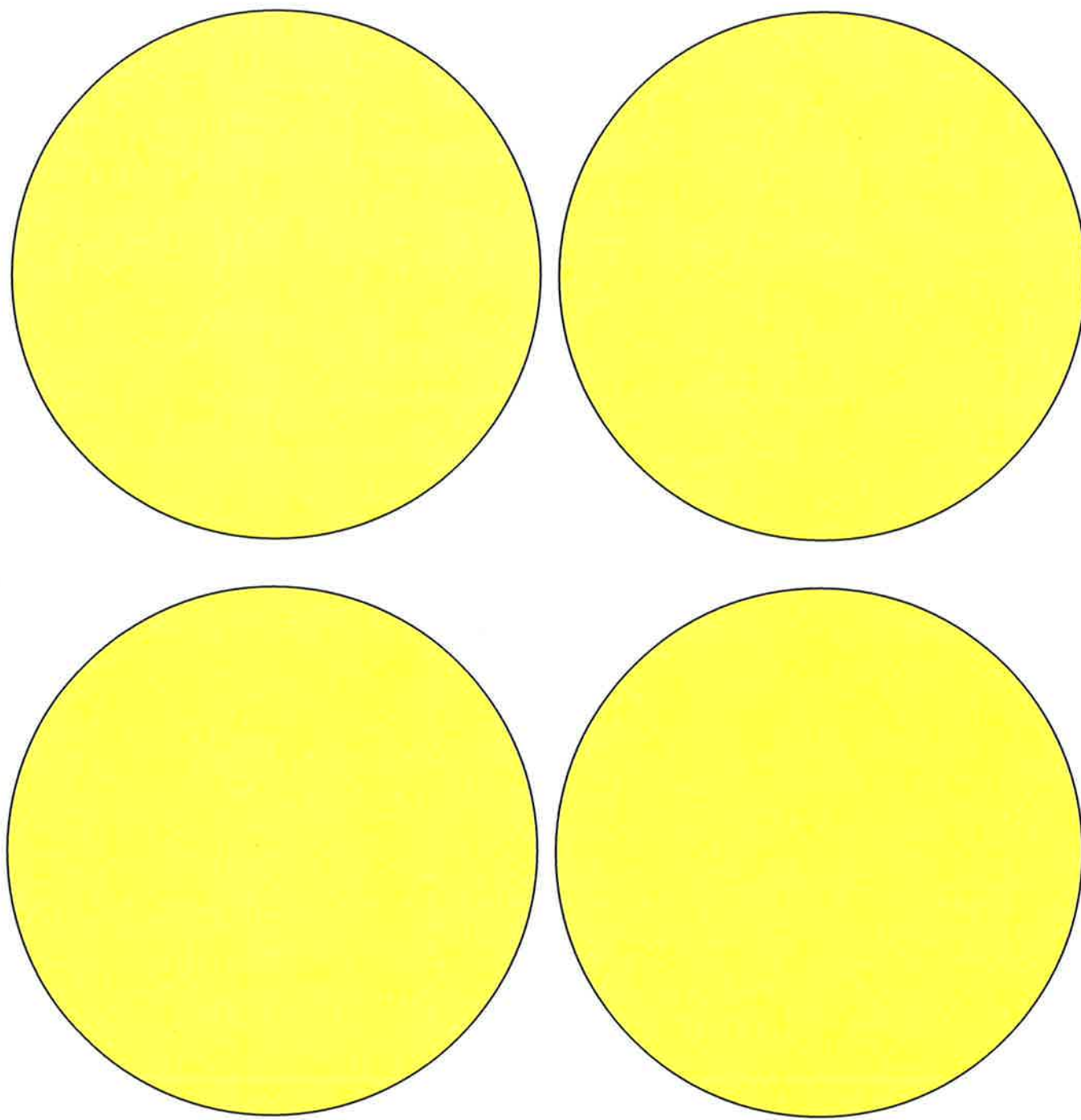






Handout yellow circles to Atmosphere

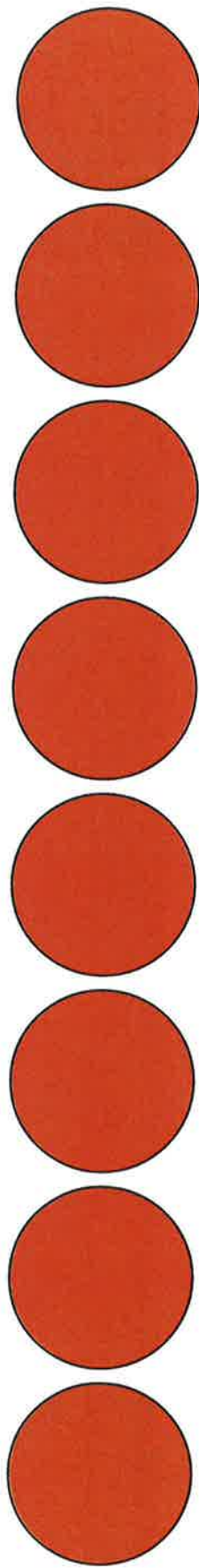
1: Atmosphere will pass yellow circle to Nitrogen Fixing Bacteria on roots of Peanut Plant



“Nitrogen Cycle Demonstration” cutouts

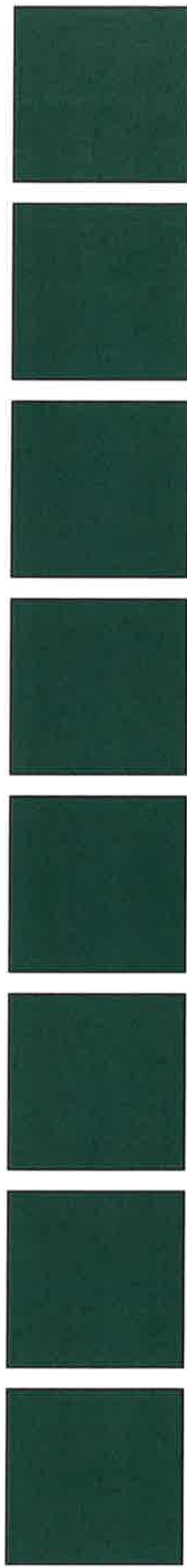
Handout brown circles to bacteria on peanut plant roots

2: Nitrogen fixation the bacteria (*Rhizobium*) on the roots of the peanut plant will add brown circle to the large yellow circle



Handout green squares to peanut plant

3: Nitrogen assimilation the peanut plant (or any plant) removes the circle and replaces with square and passes to the animal



Handout red triangles to the decomposing bacteria

4: Nitrification and Denitrification the peanut plant (or any plant) removes the circle and replaces with square and passes to the animal



5: Nitrification and Denitrification the Decomposing Bacterial removes the red triangle and return the plain yellow circle to the atmosphere