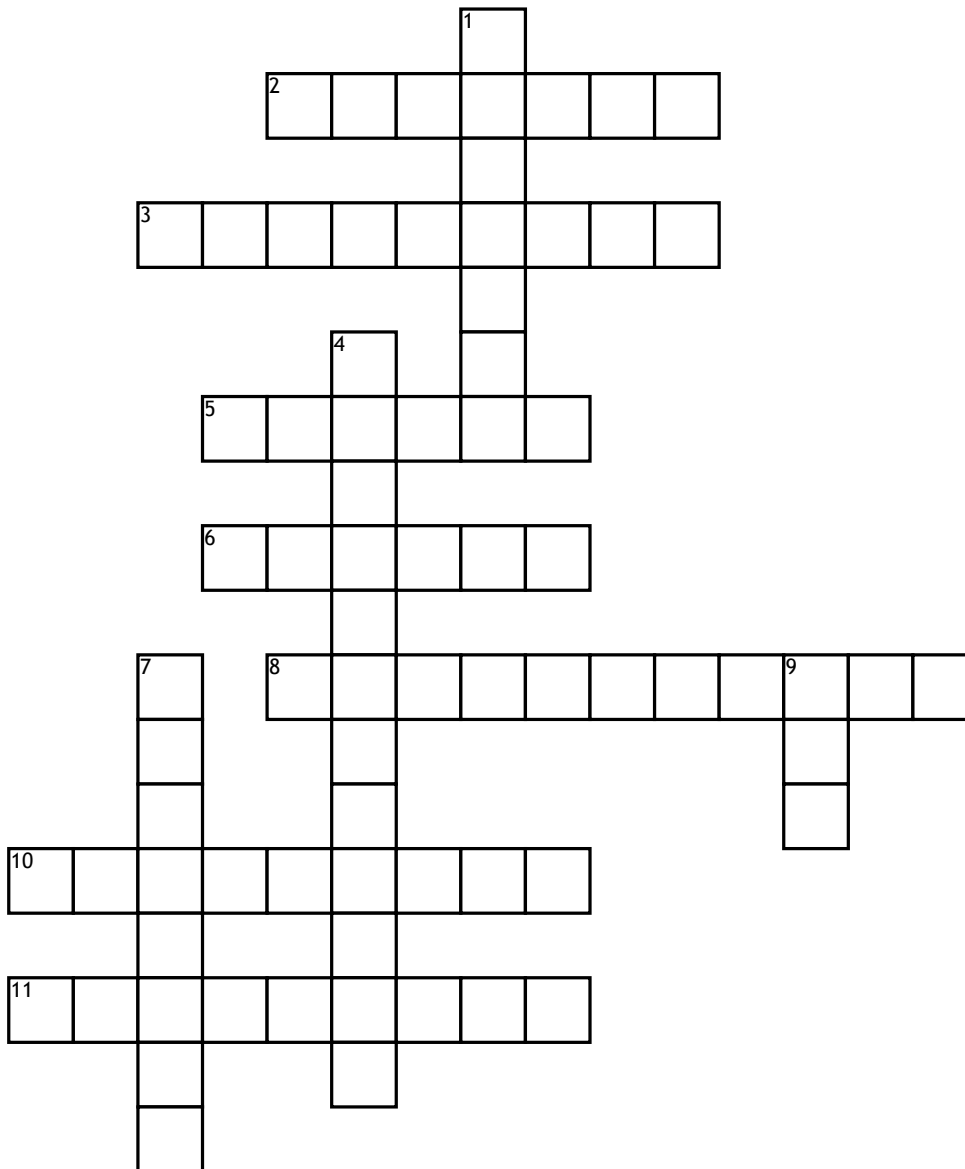


Name: _____

Nitrogen assimilation and the interaction with Carbon



Across

2. Which enzyme largely involve in photosynthesis made by Nitrogen?
3. When reserve Nitrogen is most likely depleted in the grapevine by?
5. Which place nitrogen assimilation method require less energy, leaves or roots?
6. Nitrogen is mobile or immobile?
8. In Nitrogen deficiency, what staff loss makes grapevine leaves turning yellow?

10. Which grapevine development stage grapevine root system most uptake Nitrogen from the soil?

11. Nitrification is oxidation or reduction process?

Down

1. Which form of Nitrogen grapevines most uptake from the soil solution
4. What ammonium ions combine to become amino acid with?
7. What nitrate is converted to form ?
9. After harvesting, does Nitrogen re-distributed from the leaves to roots?