



## **References and Acknowledgements**

U.S. EPA. 2016. Draft Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2014 Reckhow et al. 2011. Achieving Nutrient and Sediment Reduction Goals in the Chesapeake Bay

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# **Conclusion: Interseeded cover crops can mitigate nitrogen pollution**

• Interseeded cover crops can maintain a smaller pool of soil N than a cover crop planted post-harvest with an associated decrease in N<sub>2</sub>O emissions. Decreased N<sub>2</sub>O fluxes could result from lower substrate availability for denitrification.

• Interseeded cover crops did not decrease nitrate leaching compared to the post-harvest cover crop, which suggests additional mineralization over the winter season or that high-N legumes are not suitable for decreasing leaching.

• Interseeded cover crops provide greater N from fixation and greater income from a forage cutting.