



RegenPGC stands for *Regenerating America's Working Landscapes to Enhance Natural Resources and Public Goods through Perennial Groundcover*. We are a transdisciplinary team of scientists and engineers funded by USDA-NIFA in September 2021. We have a shared vision of making year-round groundcover on working lands the norm for Midwestern US agriculture and beyond. Central to our approach is developing and de-risking perennial groundcover (PGC) systems, where a perennial cover crop is planted once and then persists for multiple years alongside annual crops such as corn and soybean. Learn more at [www.regenpgc.org](http://www.regenpgc.org).

### **PGC Benefits**

By providing year-round groundcover, PGC can deliver multiple ecosystem services, including conserving soil resources, reducing nutrient export, enhancing carbon sequestration, and suppressing weeds, thereby reducing herbicide requirements. Compared to conventional cover cropping, a PGC approach has lower management requirements which could facilitate widespread adoption of cover cropping systems critical to achieving measurable differences in large-scale environmental issues.

### **Project Goals and Vision**

The long-term goal of our USDA-NIFA CAP project is to develop and de-risk PGC systems, thereby realizing multiple environmental benefits. Our vision is to create well-adapted PGC systems for a range of farm operations that require low labor inputs, provide equal or more ecosystem benefits than conventional cover cropping approaches, increase row crop resiliency, and have similar economic profiles as conventional row-crop practices.

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