

2019 Carbon Sequestration in Agricultural Soils from Cover Cropping Practices

Total CO₂ Equivalent Sequestration: 161670 Tons

Cover Crops have been shown to sequester soil organic carbon (SOC) in agricultural soils. Research by C. Poeplau and A. Don has shown a mean annual SOC sequestration value of 0.14 ± 0.04 t/ac/y from cover crops. This value was used to calculate equivalent CO₂ sequestration by county for Indiana Conservation Partnership supported cover crop practices.



X 31,700

The U.S. EPA estimates that a typical passenger vehicle emits about 5.1 tons of CO₂ per year. The carbon sequestered by 2019 cover crops is the equivalent of the annual emissions of 31,700 vehicles.

CO₂ Equivalent Sequestration (Tons)

