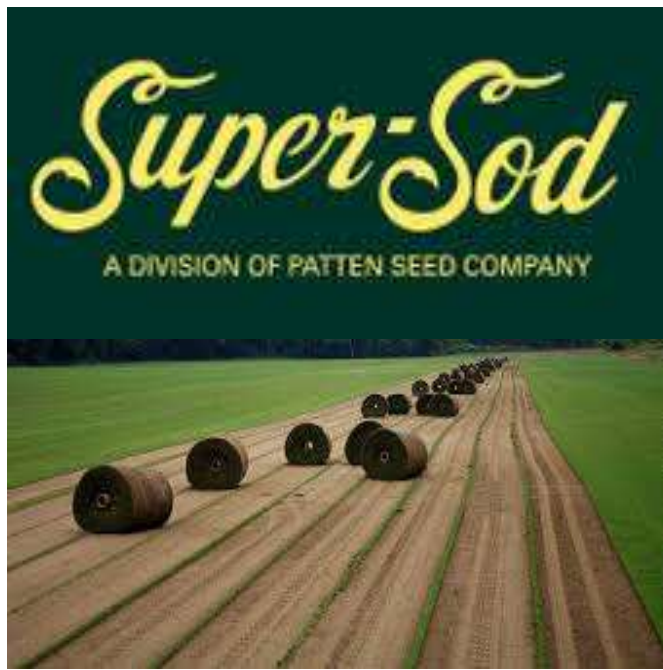
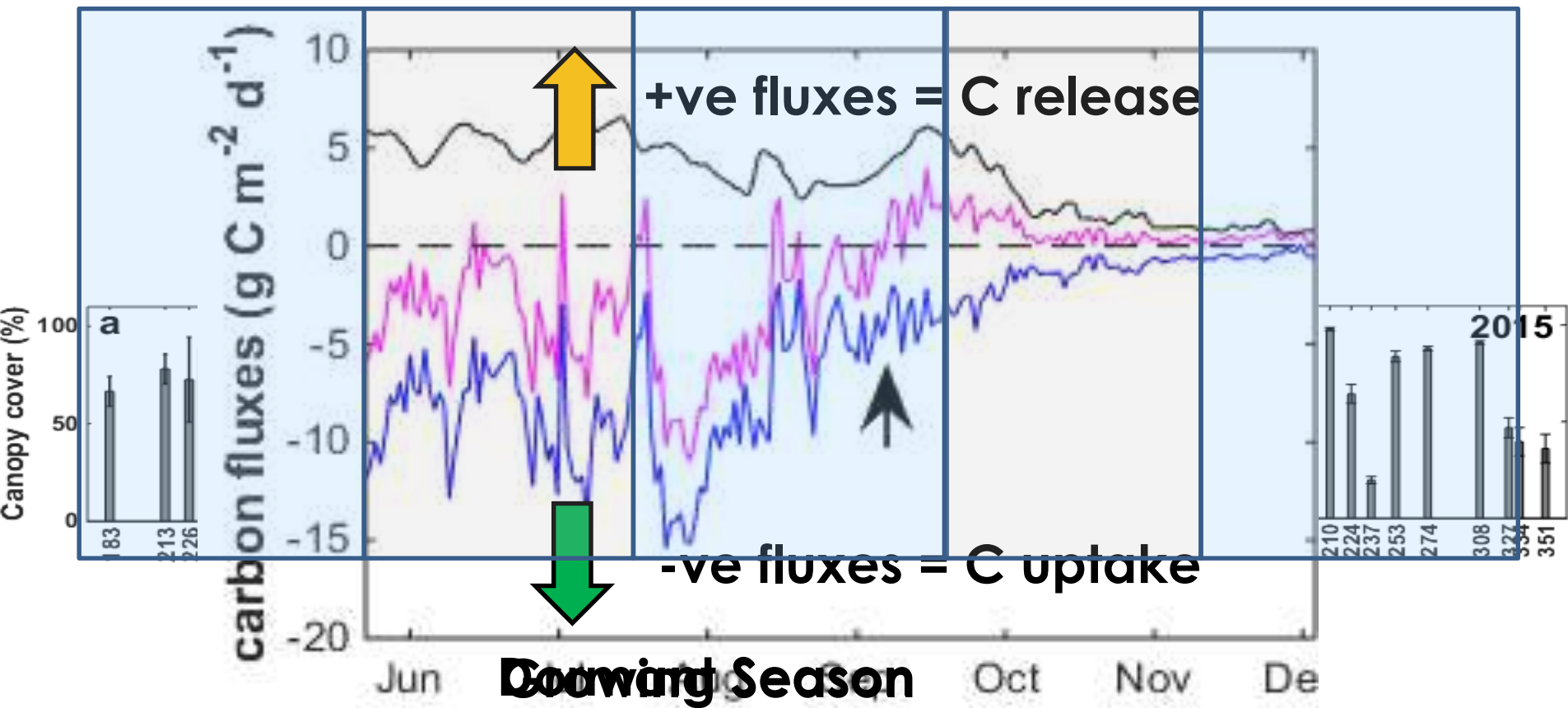


Is Turfgrass Carbon-friendly?

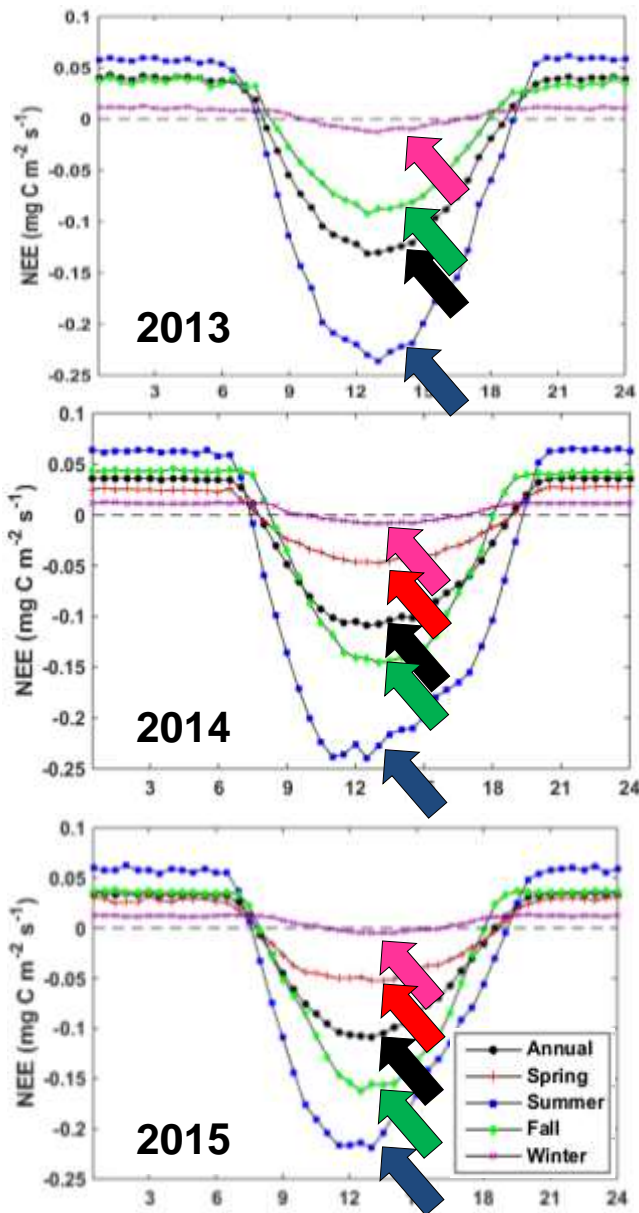
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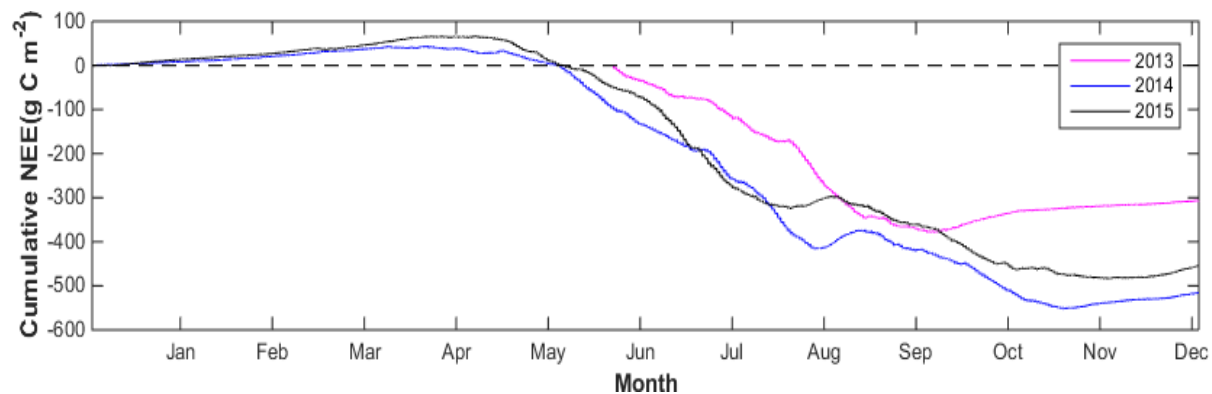
Results



Results



Year	Summer	Annual	Contribution
2014	-410.18 g C m^{-2}	-515.15 g C m^{-2}	79.62%
2015	-307.53 g C m^{-2}	-451.63 g C m^{-2}	68.09%



Conclusion

- ❖ Carbon fluxes from Tifway bermudagrass shows a strong diurnal and seasonal pattern that follows the growth pattern of its canopy cover.
- ❖ Seasonal fluxes suggest that 'Tifway' bermudagrass is an excellent assimilator of C during its active growth period (May to October).
- ❖ Summer months sequestered most C followed by fall and spring months respectively; winter months were source of C.
- ❖ 'Tifway' bermudagrass is a net sink of C, sequestering at the rate of 4.51 to 5.15 tons C ha⁻¹ yr⁻¹ which is higher than most agricultural systems.



Questions?

