



# Monitoring Fluxes of CO<sub>2</sub>, H<sub>2</sub>O and N<sub>2</sub>O over Wheat Cropping Systems

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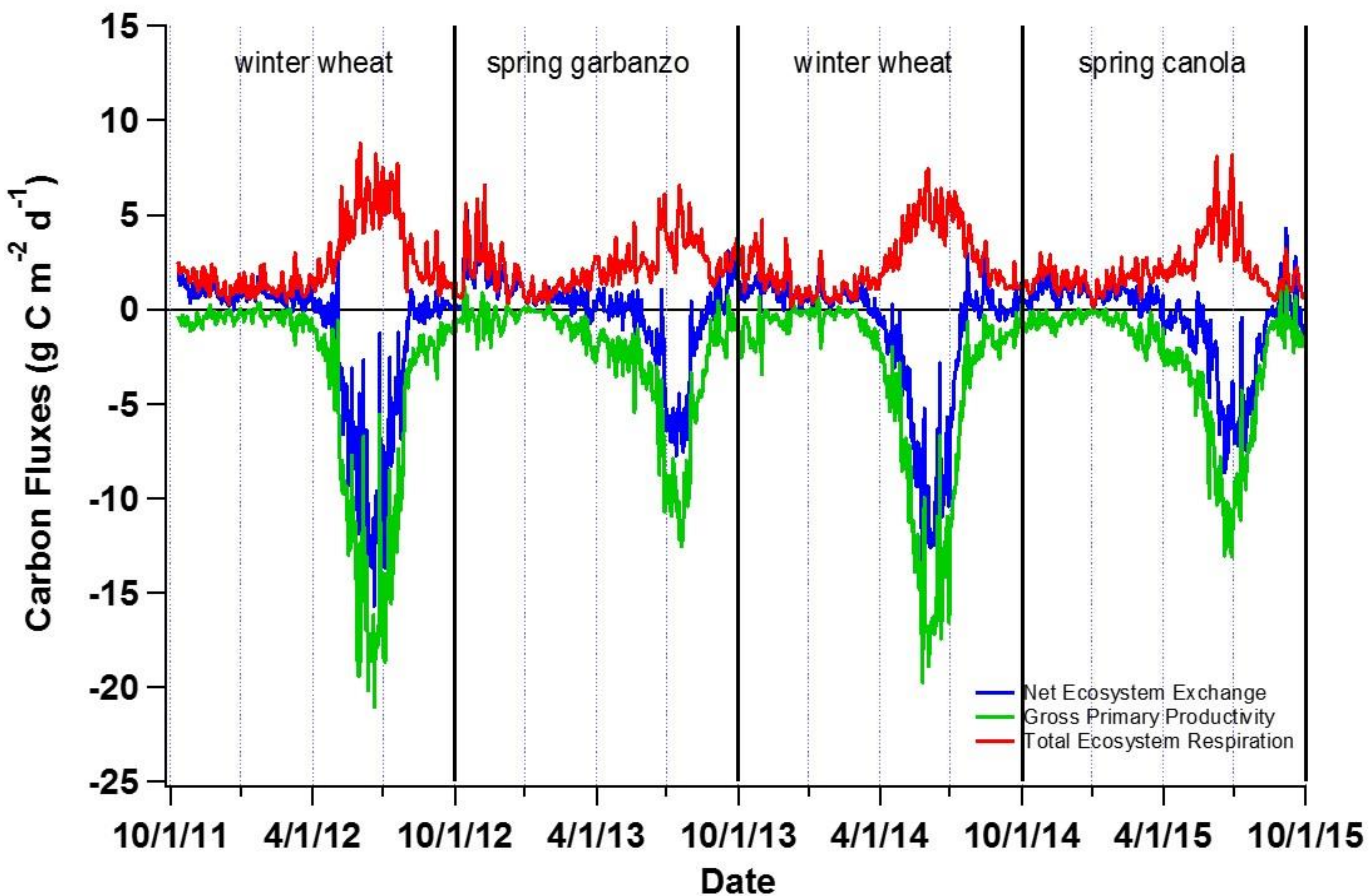
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with

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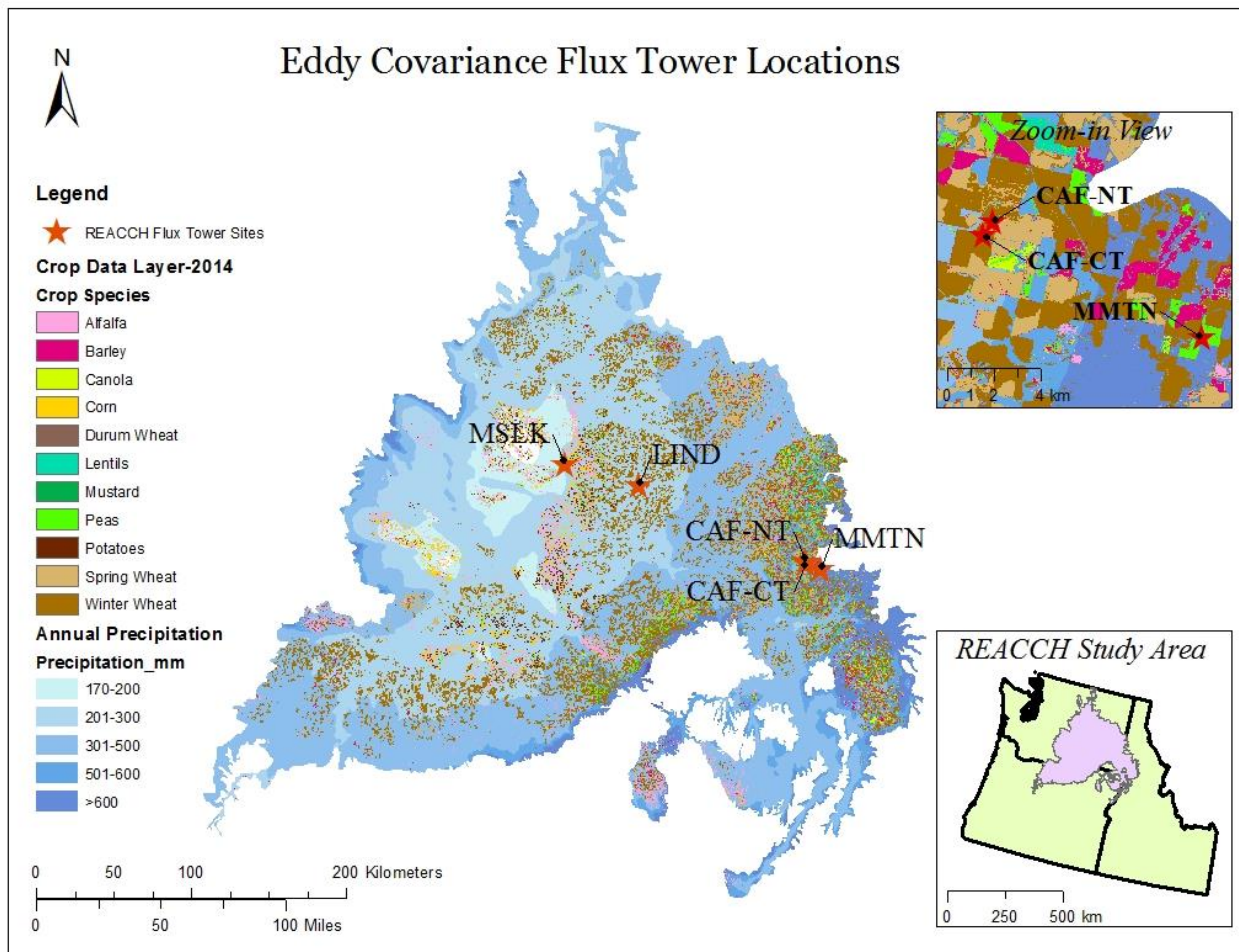
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# Carbon Exchange over Multiple Crop Years



# REACCH Flux Tower Locations

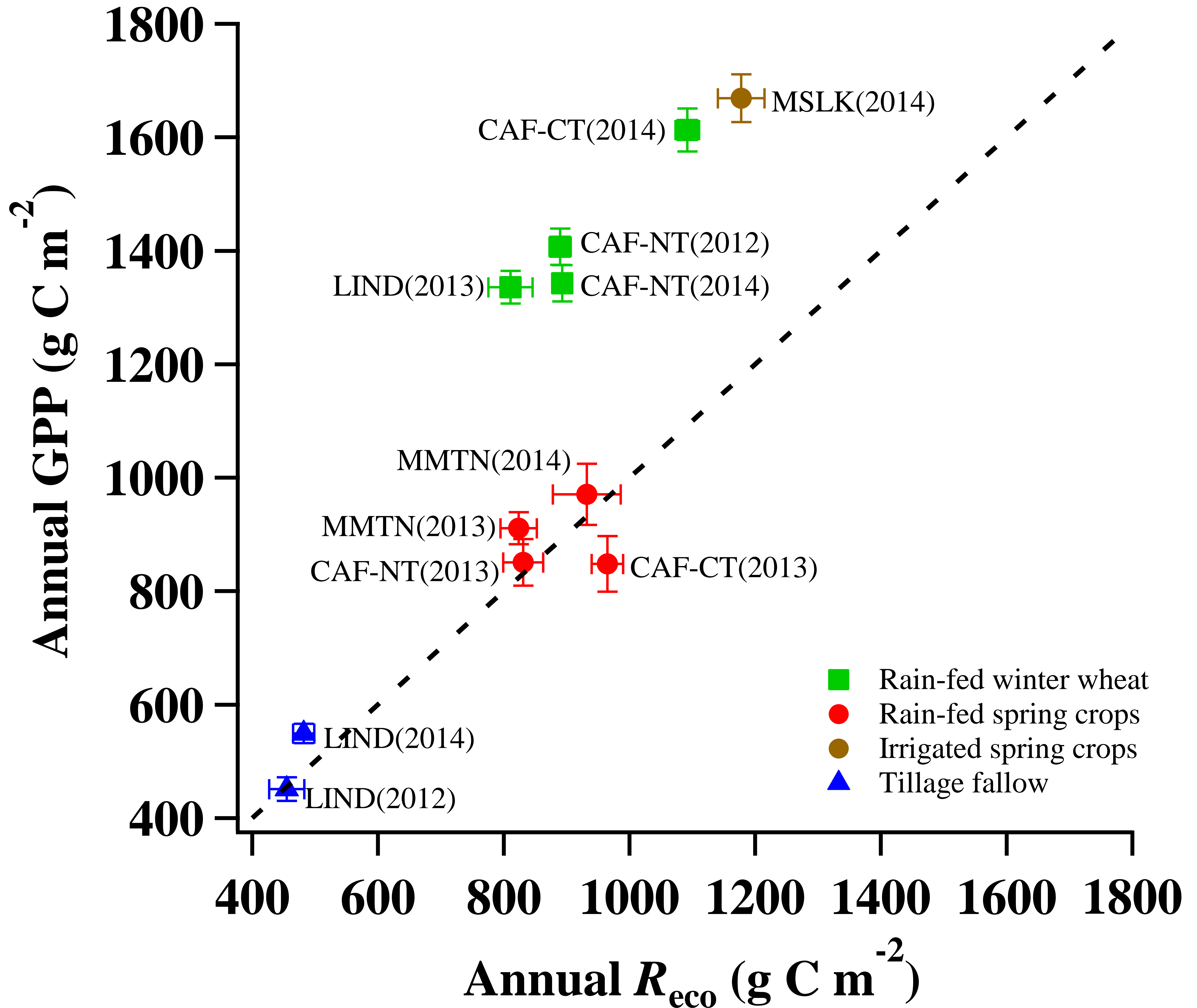
## 5 sites, 16 site-years of data



CAF-NT: Cook Farm No Till  
CAF-CT: Cook Farm Conventional Till  
MMTN: Moscow Mtn, higher rainfall

LIND: Dry fallow  
MSLK: Moses Lake irrigated

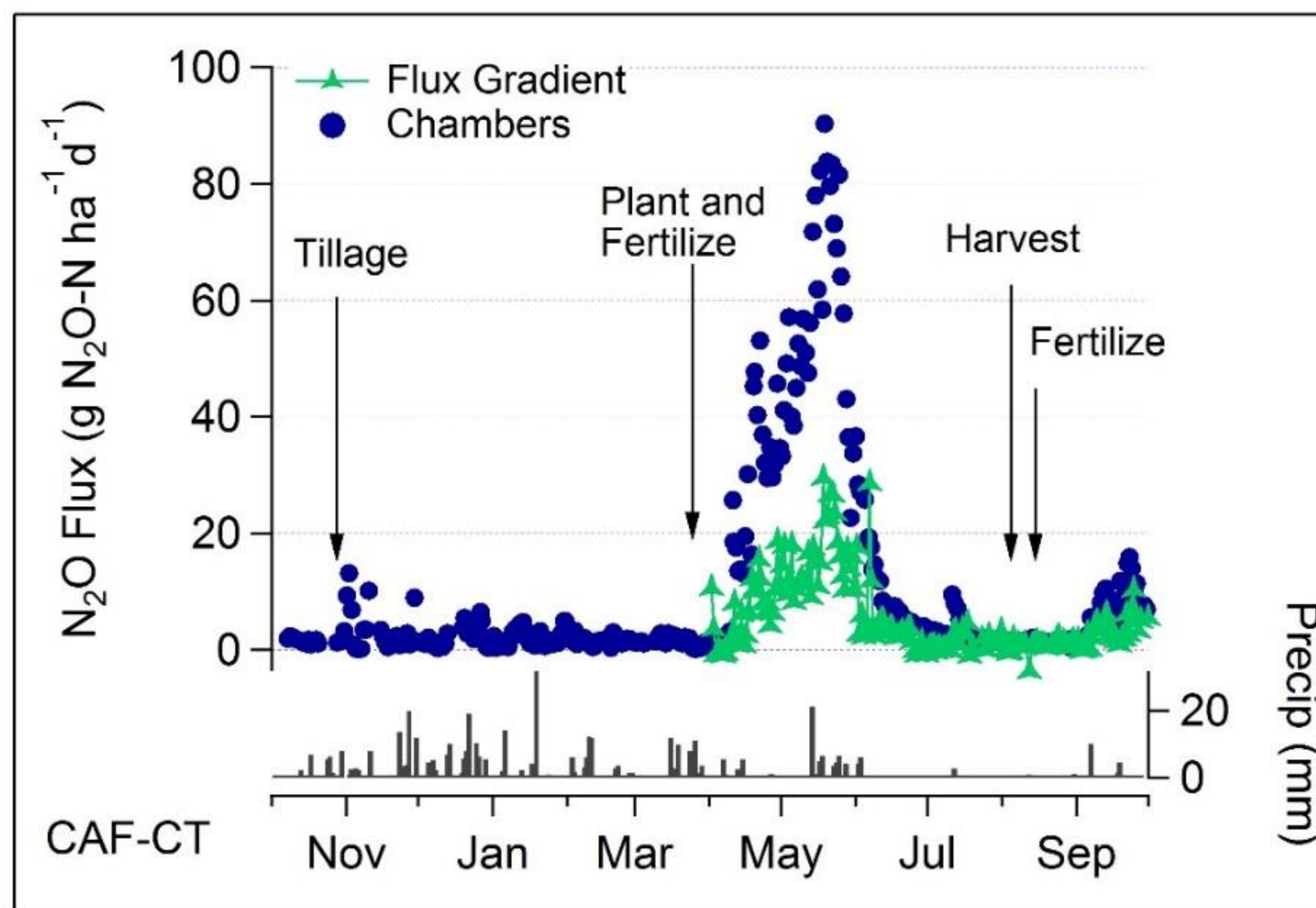
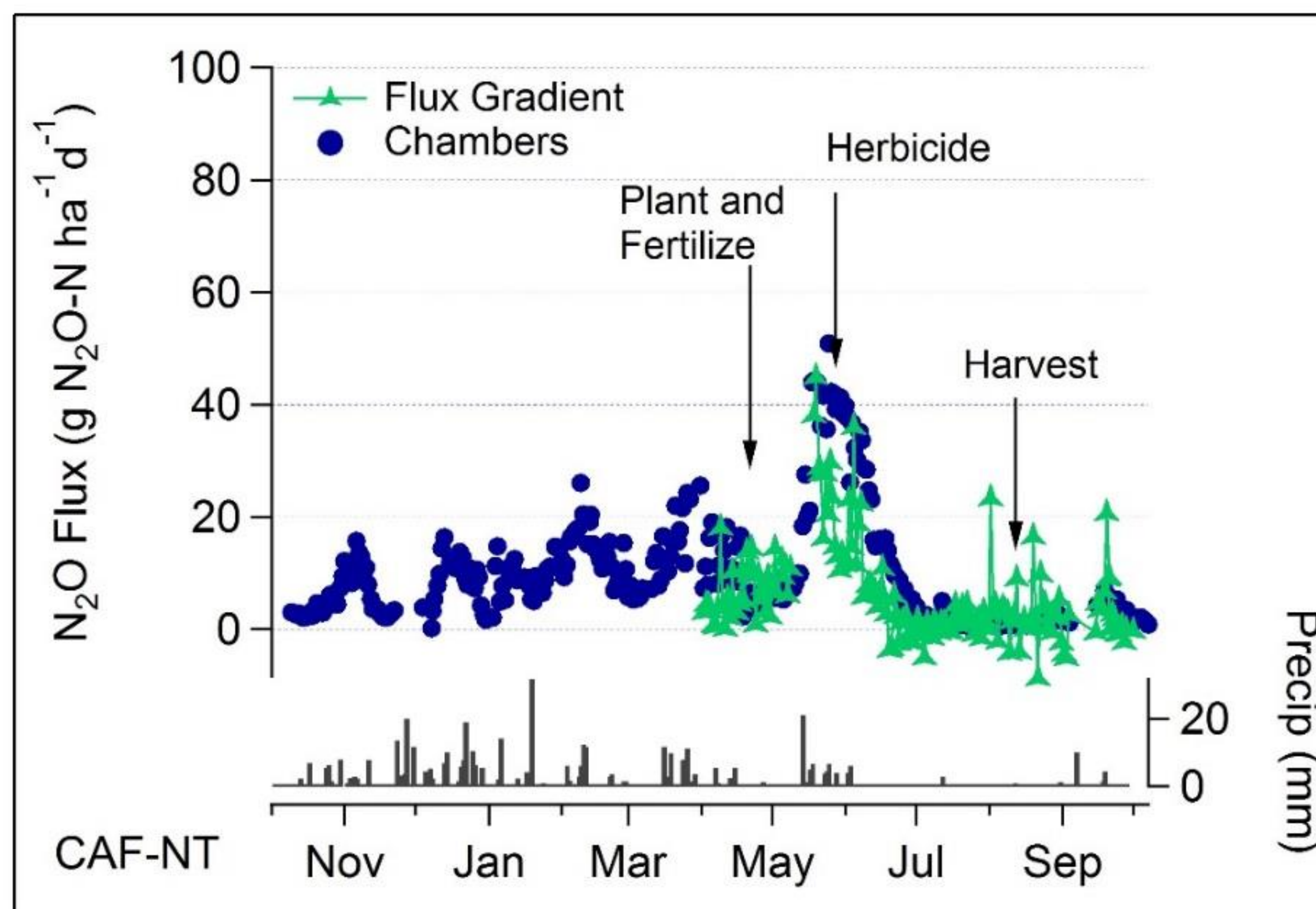
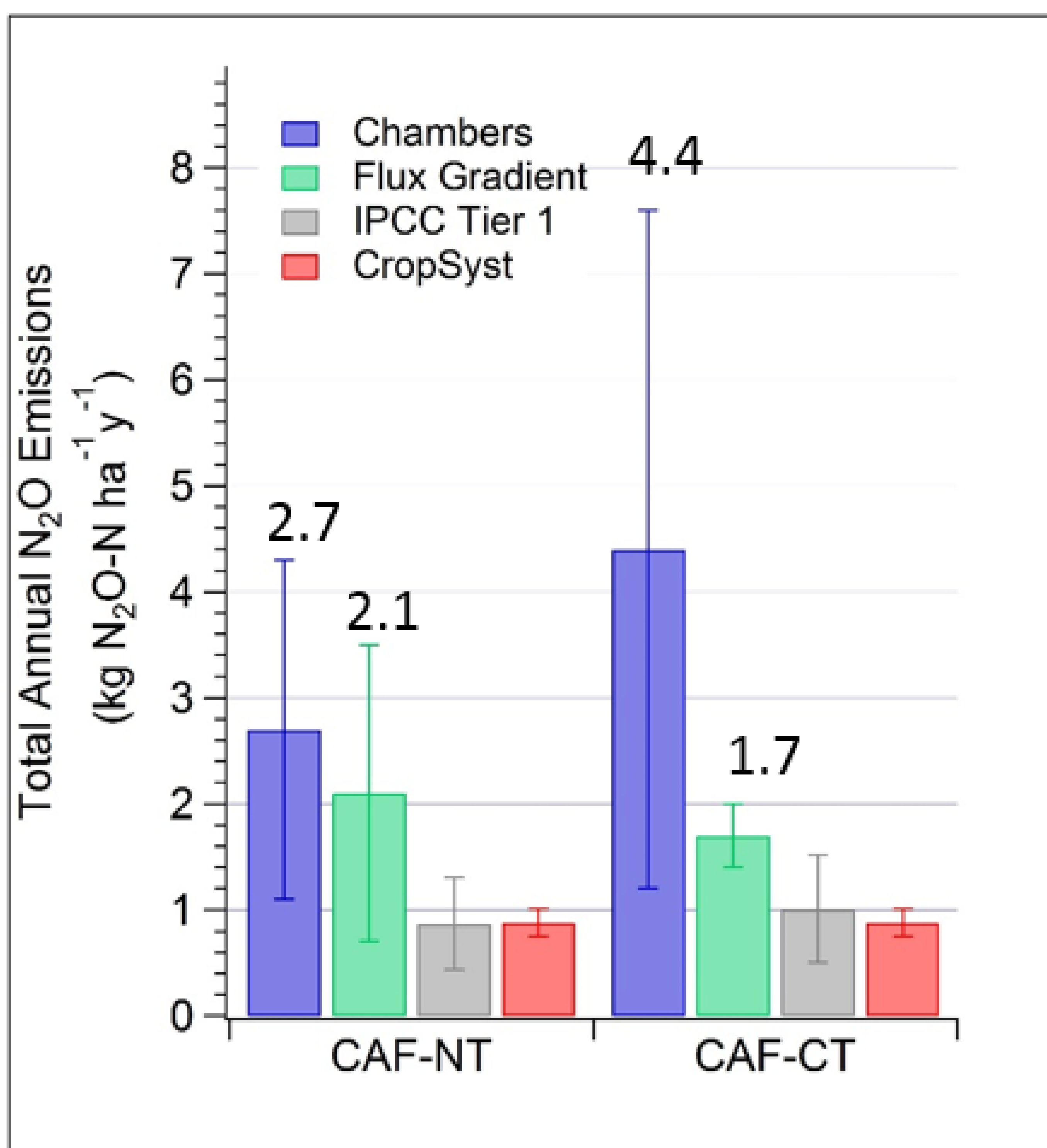
# CO<sub>2</sub> Uptake and Loss for each year



# N<sub>2</sub>O Emissions from Cook Farm No-Till and Conventional-Till Fields



Chamber and Tower Gradient, Methods



IPCC: 1 kg N/ha/yr