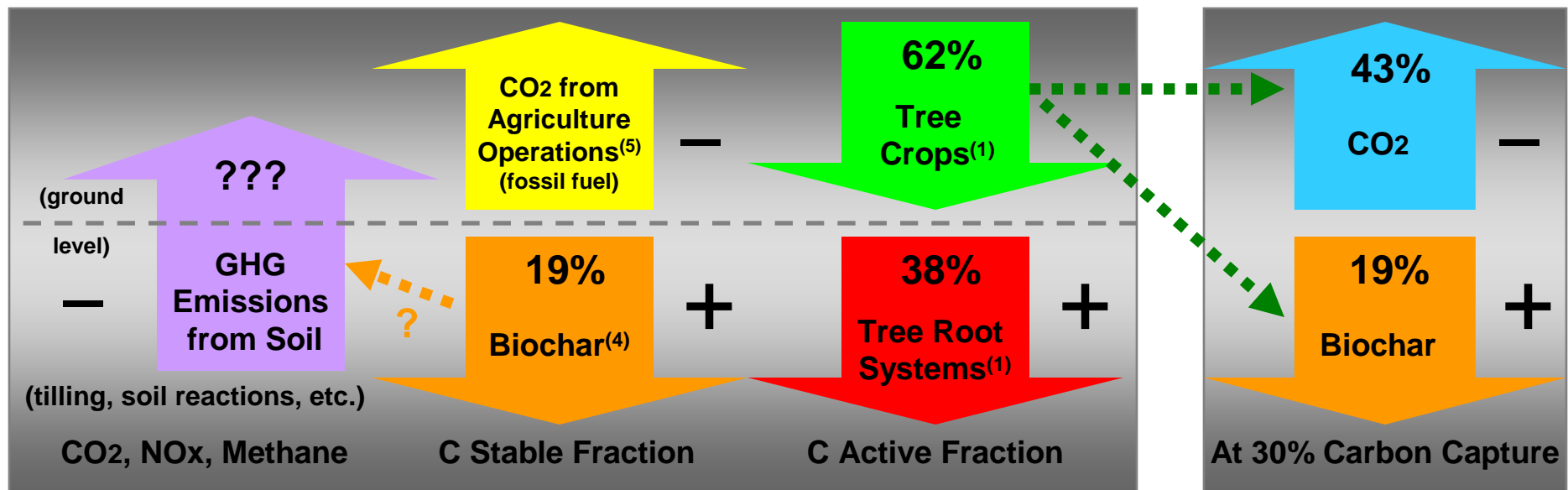


# Biomass Energy Crop Green-house Gas Mass Balance (using fast growing trees on marginal lands in Florida)

Sources of Sinks (+) and Emissions (-) Above & Below Ground:

Gasification<sup>(2)(3)</sup>:

(oxygen starved conditions)



Soil Improvements by Amendments  
(catalytic soil effects of biochar, composting,  
rotation legumes, increasing soil  
organic matter/carbon, etc.)