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GHG Emissions from Converting Forested Peatlands to Palm Oil Plantations

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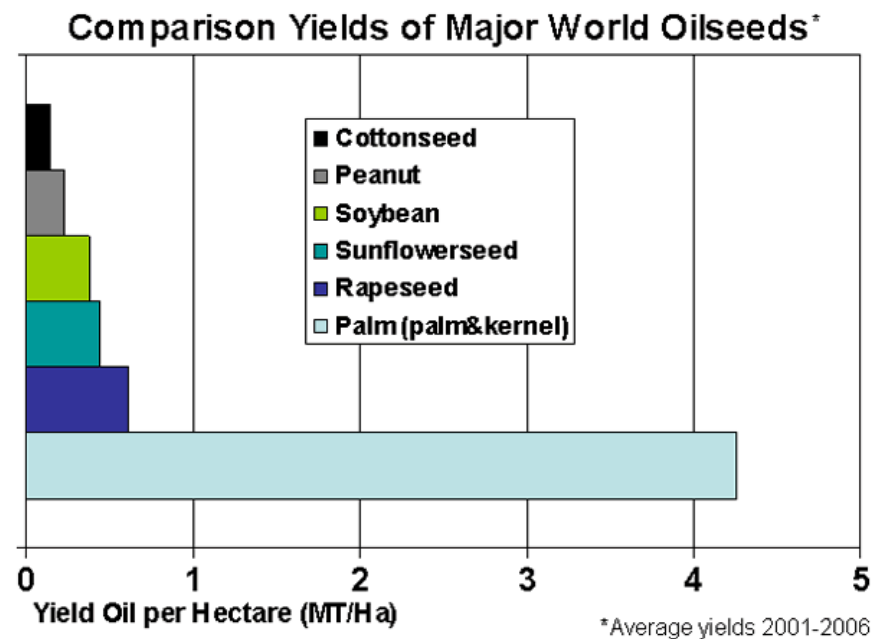
Carbon balance of palm oil plantations on Indonesian peatlands (30 year project)

- Emissions:**

Activity	GHG emissions (t CO ₂ e/ha)
Peat drainage (to 80 cm)	2184
Extraction of timber from peat forest	24
Biomass burning of remaining peat forest for land clearing	208
Peat burning for land clearing	230
Total above ground biomass	411

- Sequestration:**

- Carbon: **252 t CO₂/ha**
- Oil Yield: **4.2 MT/ha***



*http://www.pecad.fas.usda.gov/highlights/2007/1/2/Indonesia_palmoil/