



Inspirationsdag 2025

Lattergas og klimaaftryk fra sukkerroer

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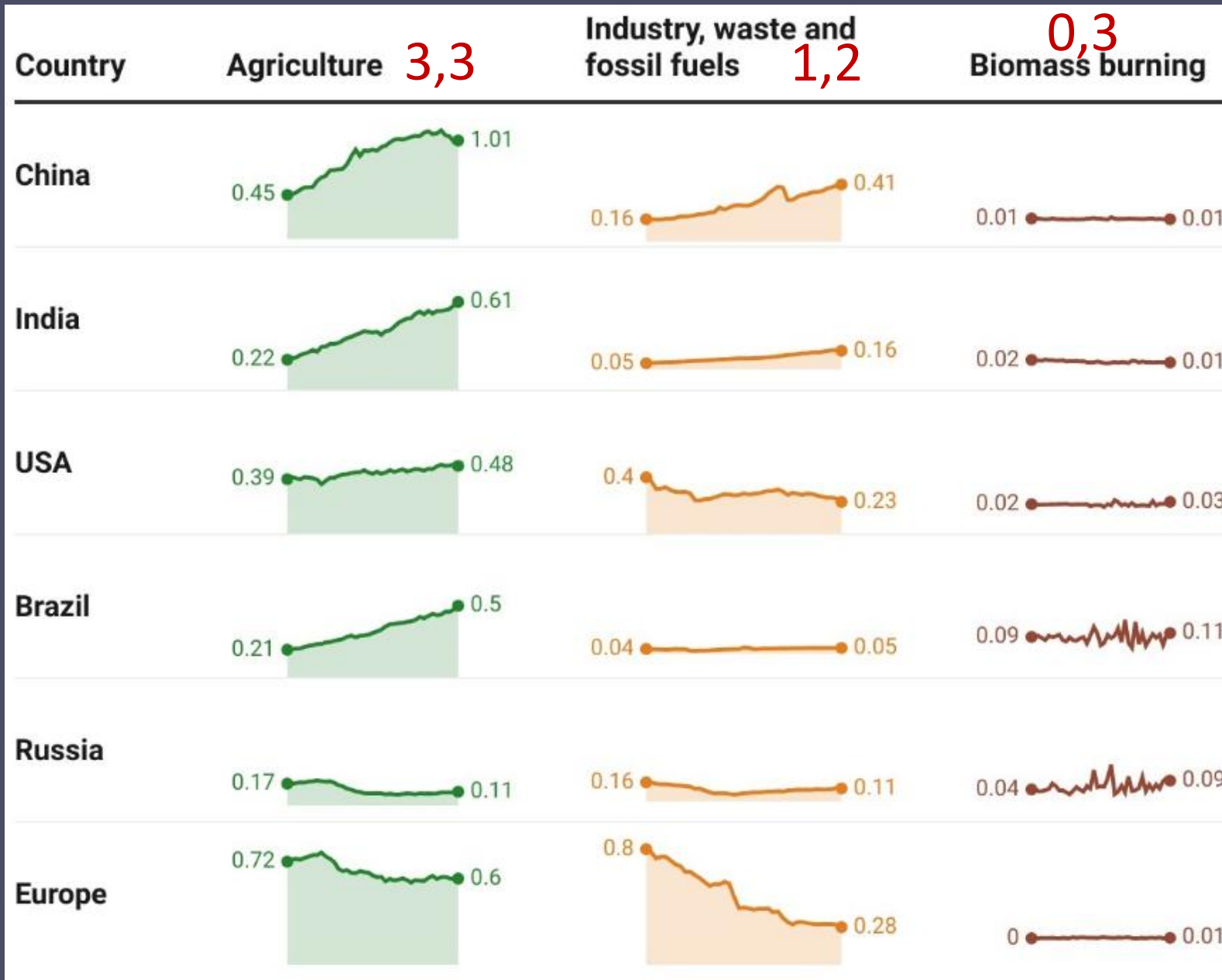




Tabel 3. Årlig global lattergas (N_2O) balance for perioden 2013-2022 (Mt N_2O -N/år) (Tian et al., 2024).

Bidrag til balance	Kilde	Mt N_2O -N/år
Udledninger	Fossil energi	1,1
	Landbrug og affaldshåndtering	3,9
	Afbrænding af biomasse	0,8
	Kvælstofdeposition	1,1
	Klima og arealanvendelse feedback	0,6
	Naturlige økosystemer	7,1
	Oceaner	4,7
Optag	Nedbrydning i atmosfæren	13,4
Ændring	Stigning i atmosfærens N_2O	4,6

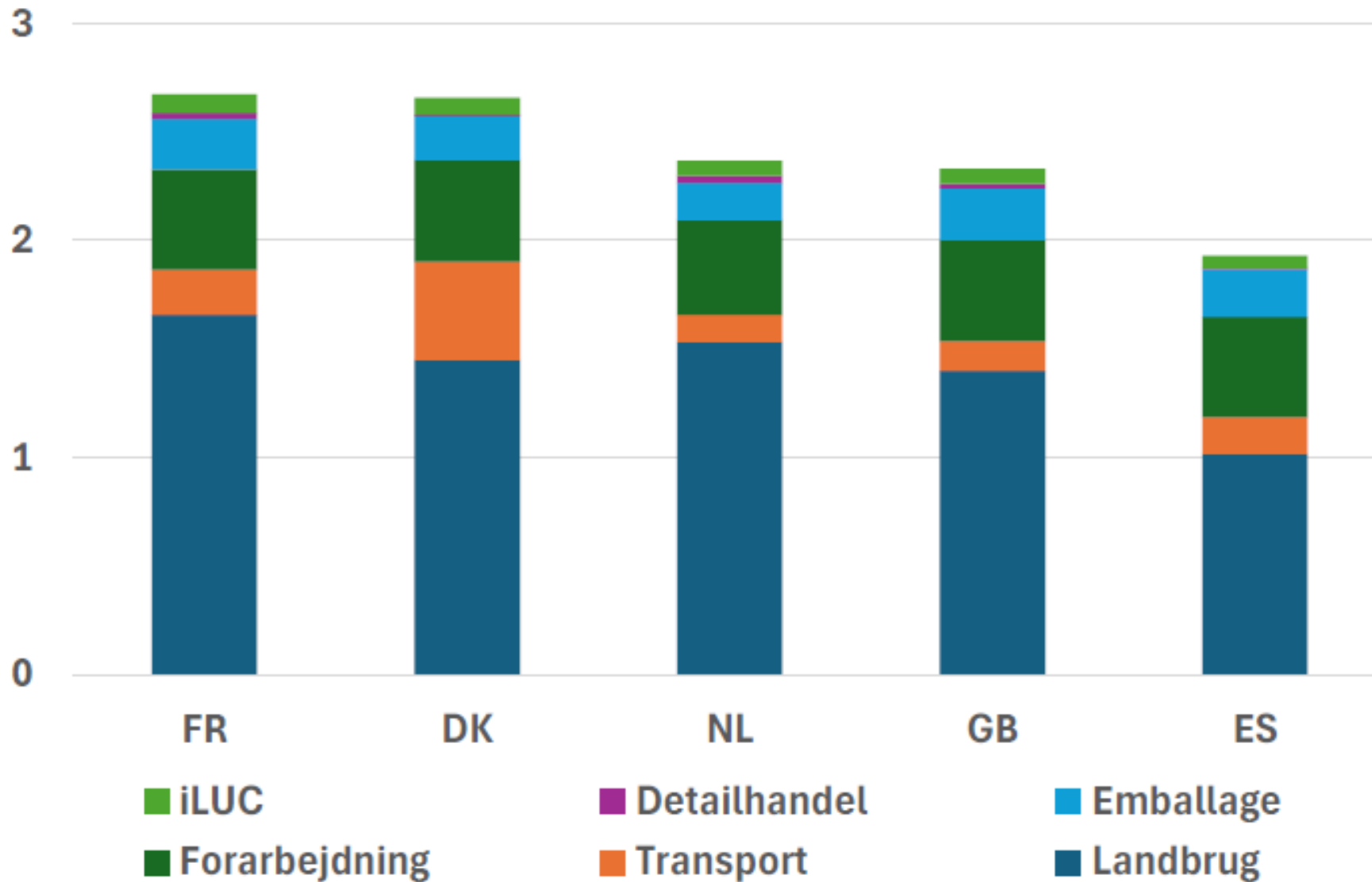
Lattergasemissioner 1980-2020 (mill. ton)

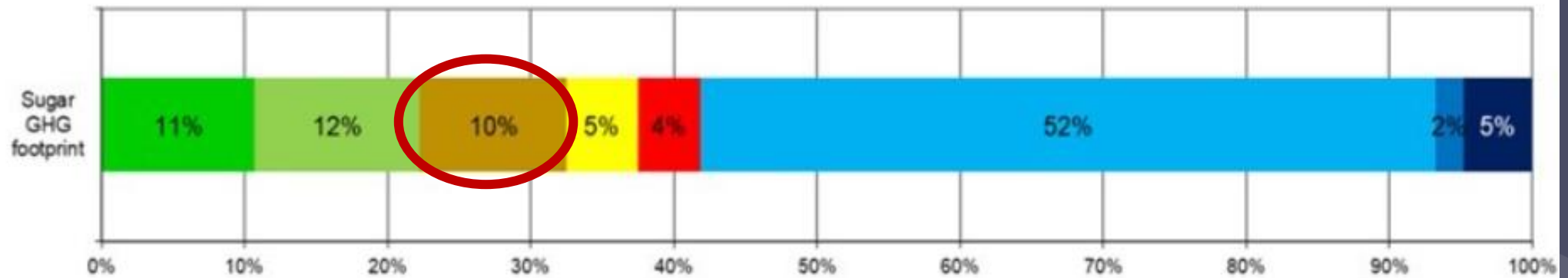


	1990	1995	2000	2005	2010	2015	2020	2021	2022
CH ₄ , kt CO ₂ eqv.	6 936	7 375	7 340	7 398	7 339	7 273	7 278	7 312	7 059
N ₂ O, kt CO ₂ eqv.	6 281	5 569	5 074	4 749	4 529	4 516	4 556	4 206	4 196
CO ₂ , kt CO ₂ eqv.	613	534	268	222	156	176	254	267	268
Total, kt CO ₂ eqv.	13 831	13 478	12 682	12 369	12 024	11 965	12 089	11 785	11 523

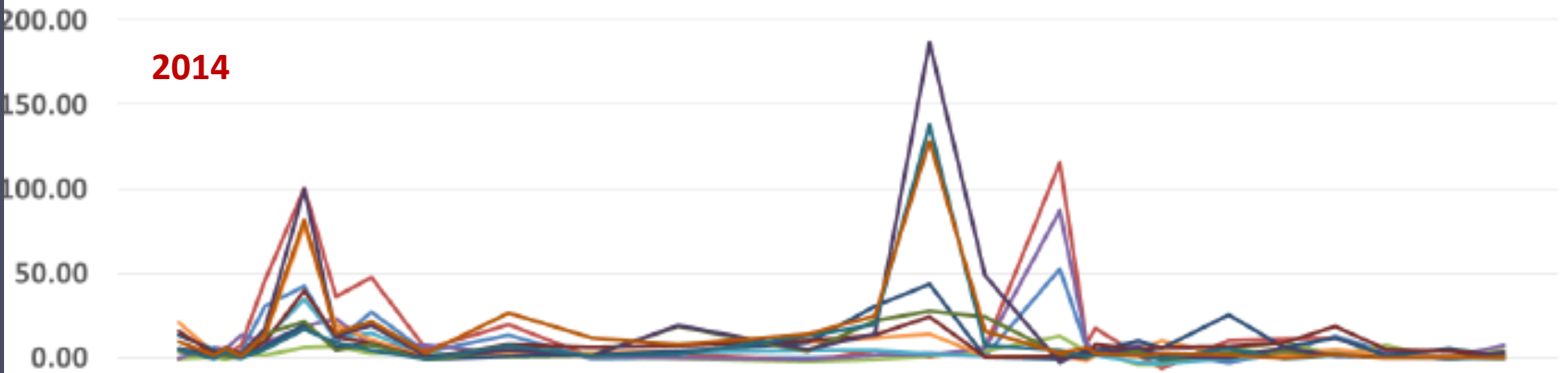
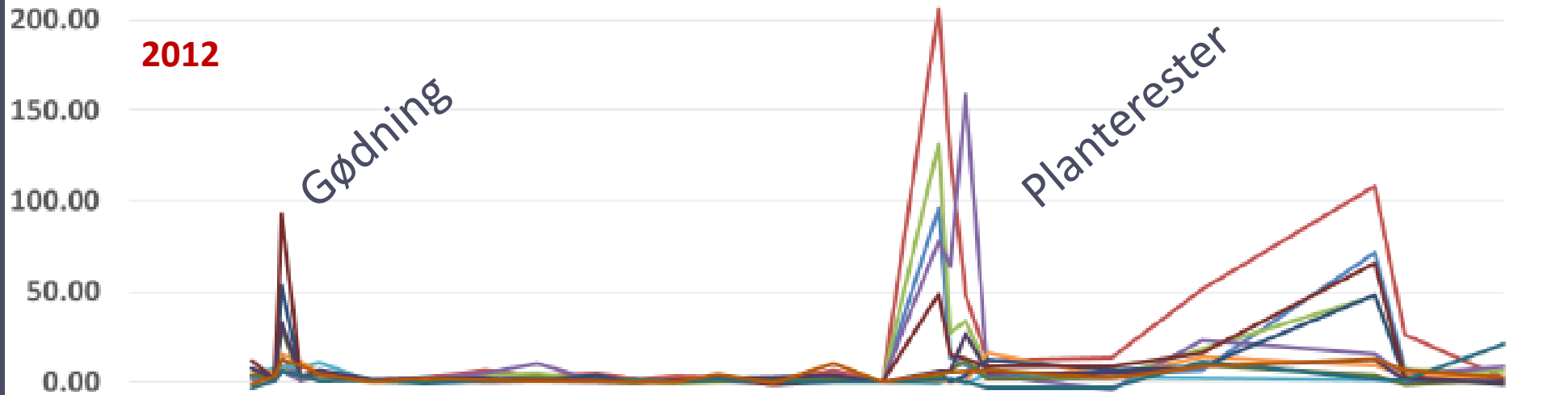
Drivhusgas-emissioner fra landbrugssektoren i Danmark 1990-2022. Kilde: Denmark's National Inventory Document 2024 (DCE-rapport 622, tabel 5.1 side 424).

Klimaaftryk (kg CO₂-ækvivalenter / kg sukker)



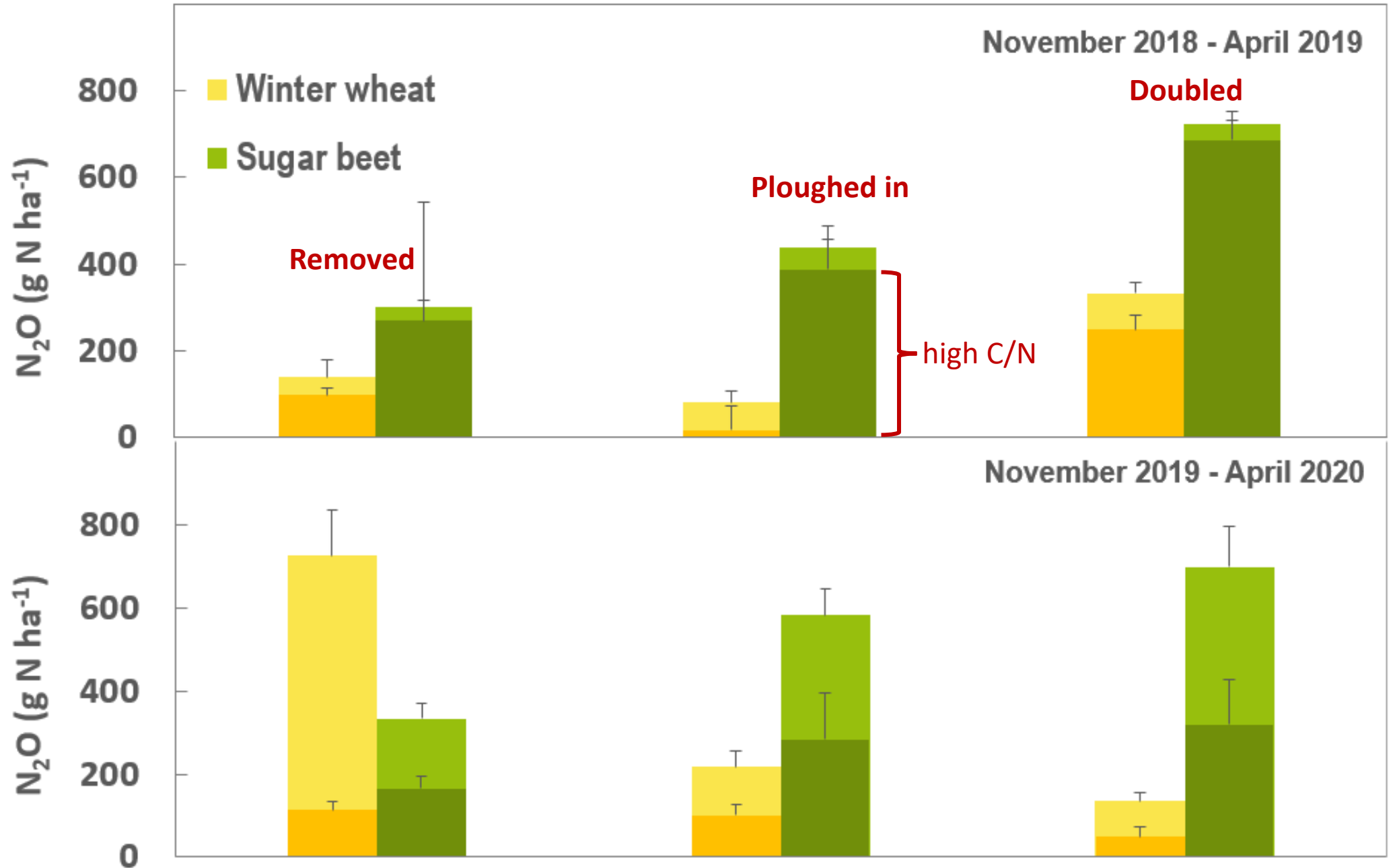


MAY JUNE JULY SEPT. OCT. NOV. DEC. JAN. FEB. MAR. APRIL



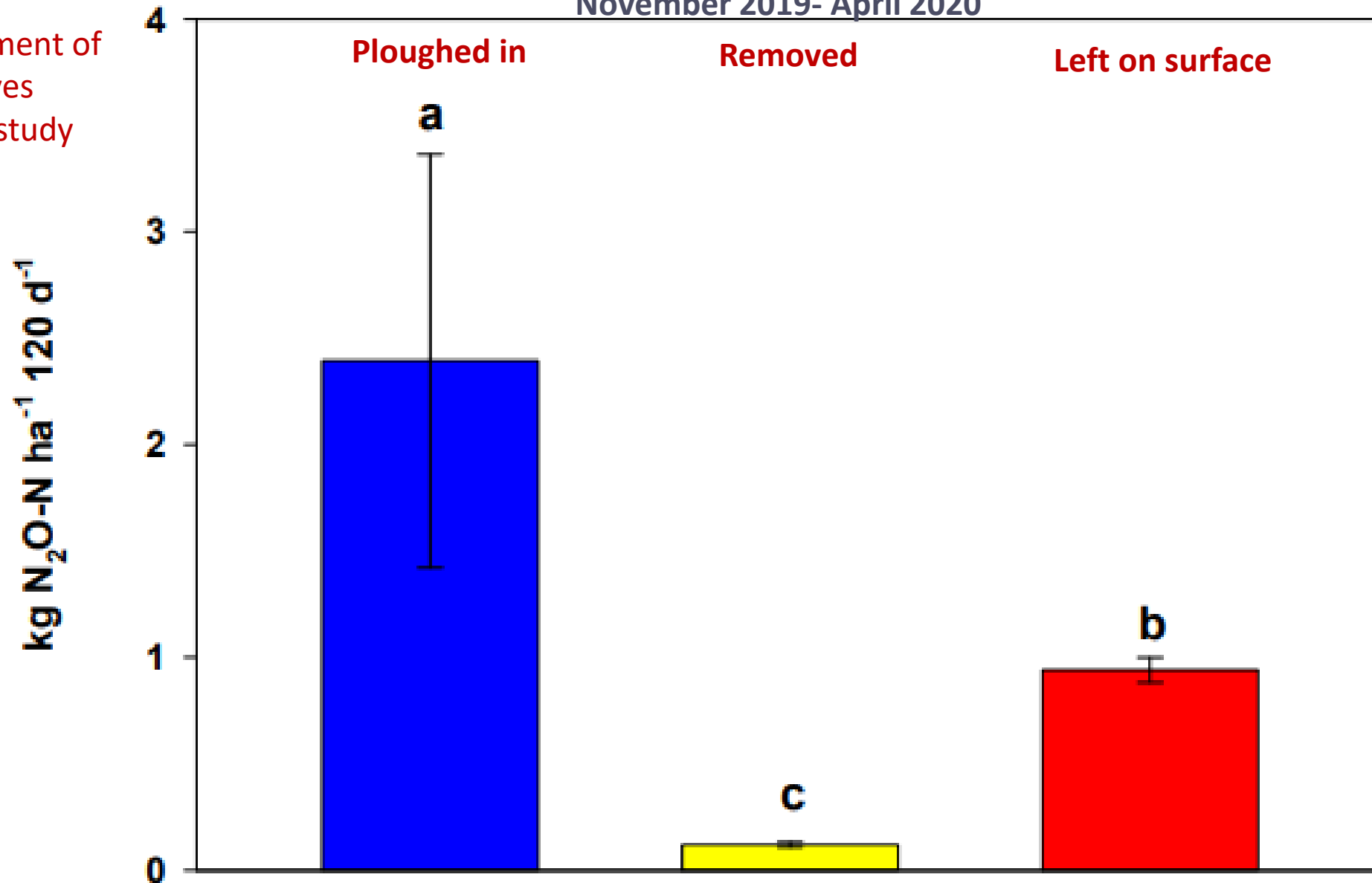
Kilde:
Ernfors & Jensen 2016
(Poster, SLU)

Management of
beet leaves
Nov.-April.
Swedish study

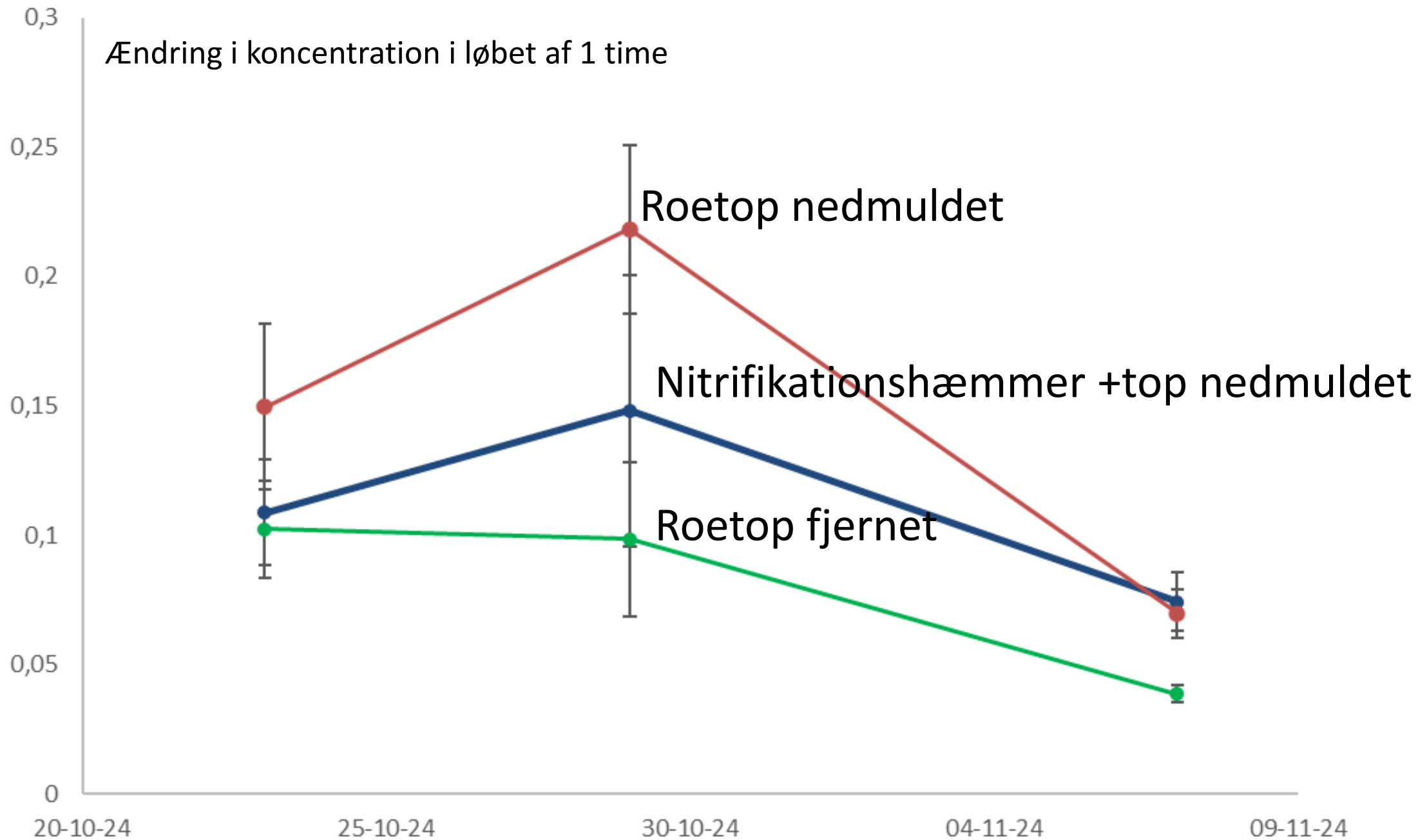


November 2019- April 2020

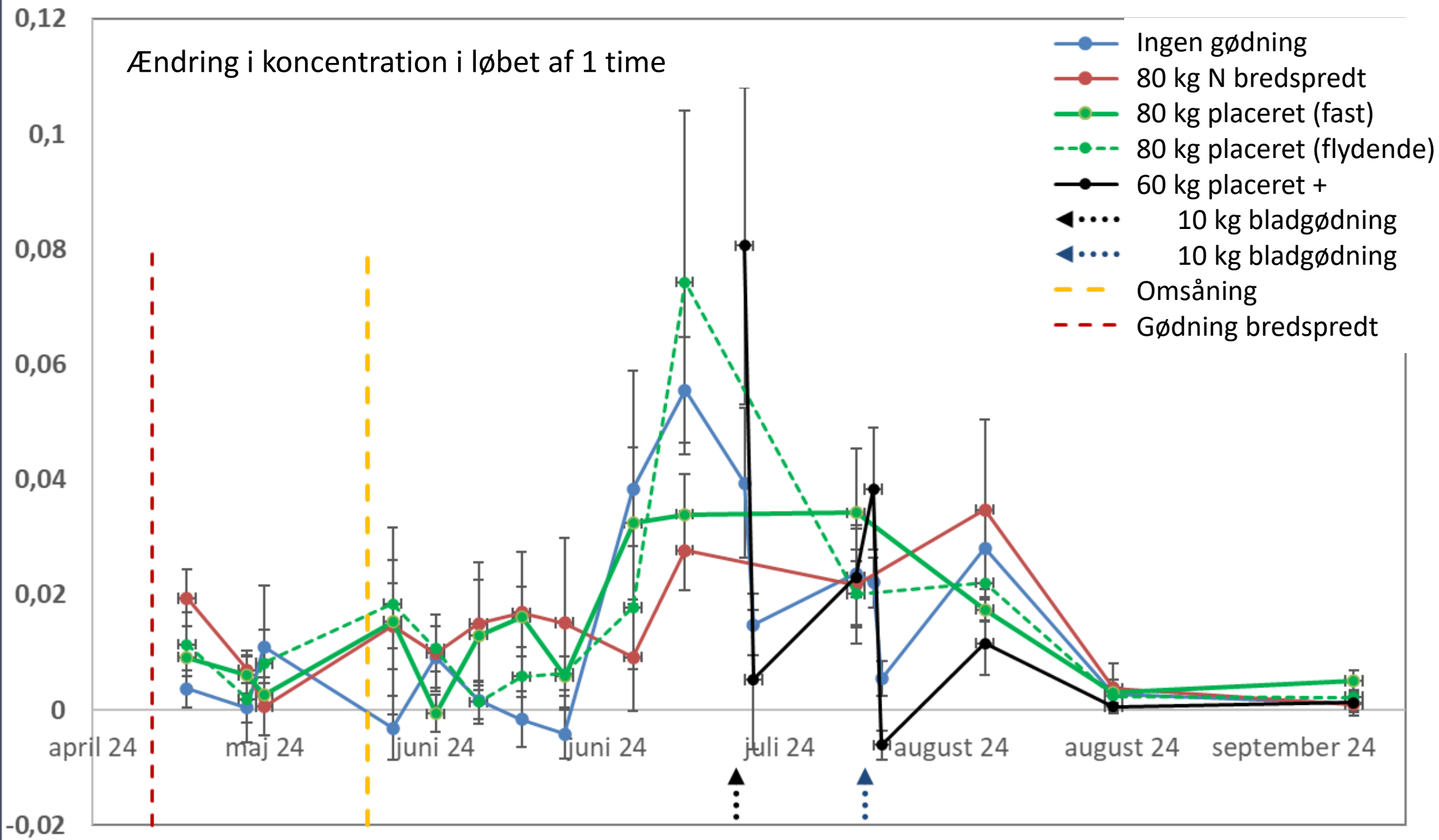
Management of
beet leaves
German study

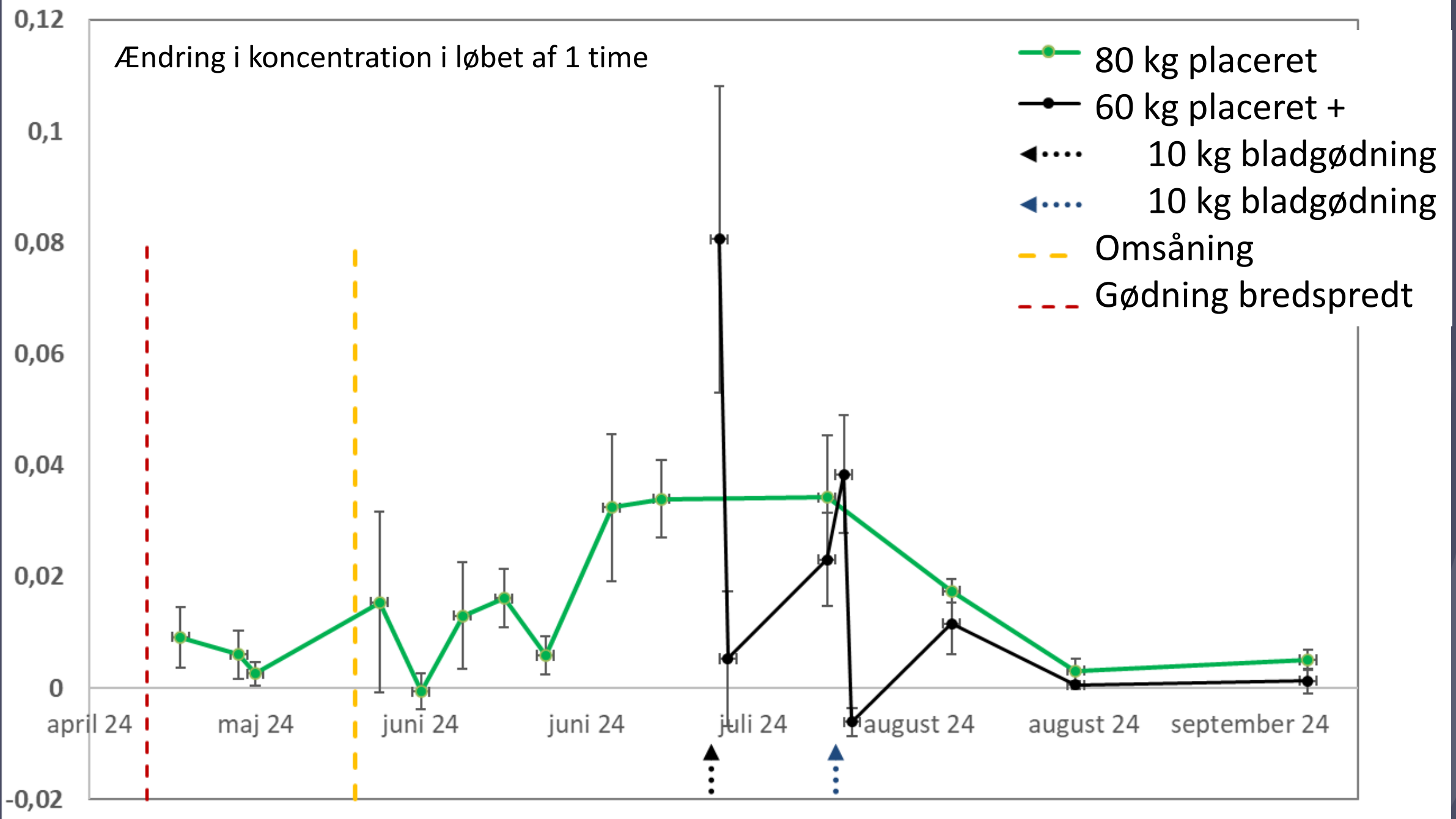


Ændring i koncentration i løbet af 1 time



Ændring i koncentration i løbet af 1 time





Klimaaftryk (kg CO₂-ækvivalenter / kg sukker)

