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winter_wheat_2022

Other Crops • Winter Wheat • Finished product: 11,000 kilograms • Dataset: Default ▼ • Yield: 0.37 kg / m2

Crop

Soil

Inputs

Fuel & Energy

Irrigation

Carbon

Transport

Results

10

Con

GHGs (Green House Gasses)

Compare

Performance

Costs

Data

Total emissions

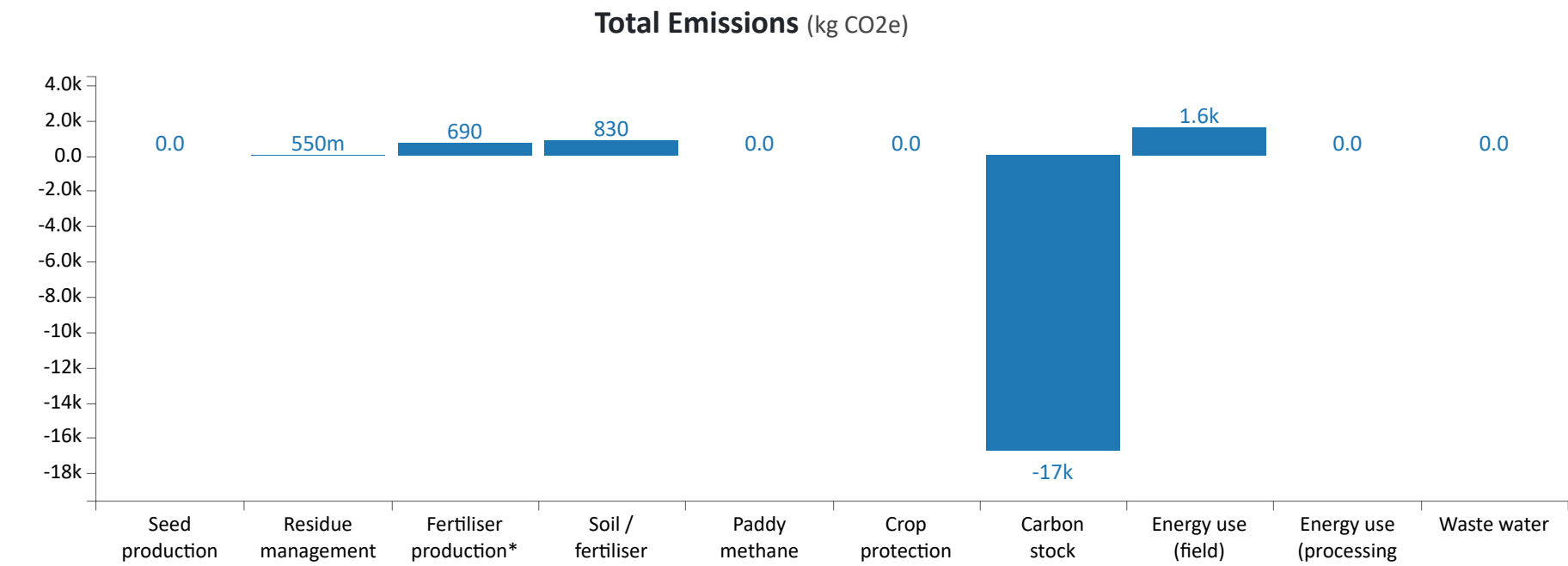
-13.60k
(Thousand)
kg CO2e

Emissions per square metre

-0.45
(
kg CO2e

Emissions per kilogram

-1.24
(
kg CO2e



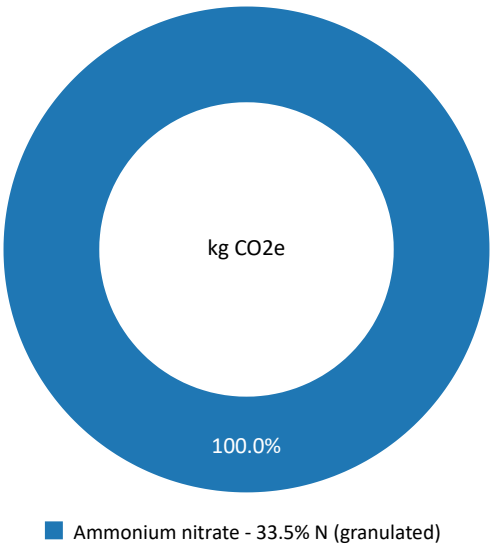
Detailed data (all values in kg)

Hide data

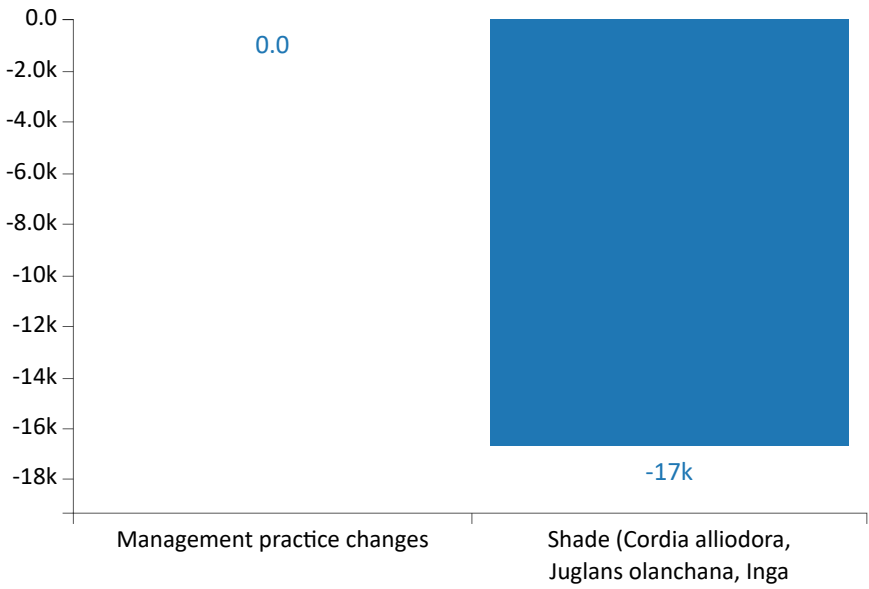
Sources	CO ₂	N ₂ O	CH ₄	Total CO ₂ eq. (equivalent)	Per m2	Per kg
Seed production	0.()	0.()	0.()	0.()	0.()	0.()
Residue management	0.()	0.()	0.()	0.55.()	0.()	0.()
Fertiliser production*	686.76.()	0.()	0.()	686.76.()	0.02.()	0.06.()
Soil / fertiliser	0.()	3.04.()	0.()	831.25.()	0.03.()	0.08.()
Paddy methane	0.()	0.()	0.()	0.()	0.()	0.()
Crop protection	0.()	0.()	0.()	0.()	0.()	0.()
Carbon stock changes	-16.73k (Thousand)	0.()	0.()	-16.73k (Thousand)	-0.56.()	-1.52.()
Energy use (field)	1.60k (Thousand)	0.()	0.()	1.60k (Thousand)	0.05.()	0.15.()
Energy use (processing)	0.()	0.()	0.()	0.()	0.()	0.()
Waste water	0.()	0.()	0.()	0.()	0.()	0.()
Off-farm transport	5.80.()	0.()	0.()	5.80.()	0.()	0.()

* Calculated with validated default values for fertiliser production.

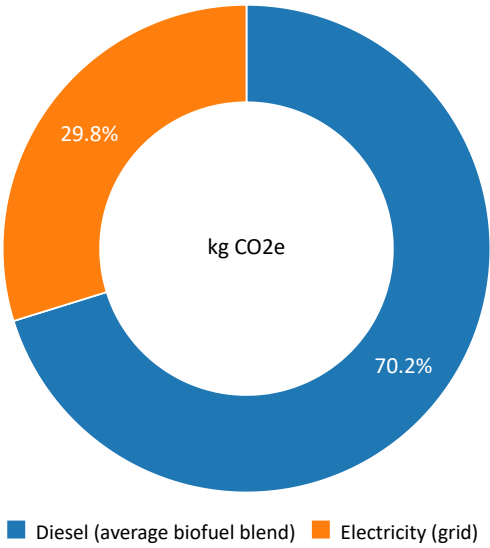
Fertiliser production emissions



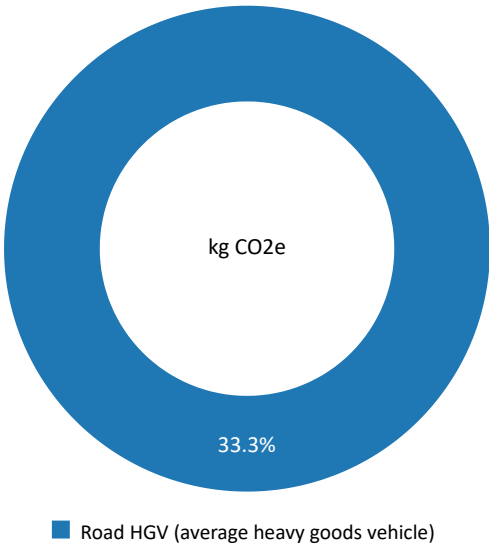
Carbon stocks and sinks



Energy, fuel and water emissions



Transport emissions



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