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winter_wheat_2024

Other Crops

•

Winter Wheat

•

Finished product: 12,000 kilograms

•

Dataset: Default ▼

•

Yield: 0.40 kg / m2

Crop

Soil

Inputs

Fuel & Energy

Irrigation

Carbon

Transport

Results

10

Con

GHGs (Green House Gasses)

Compare

Performance

Costs

Data

Total emissions

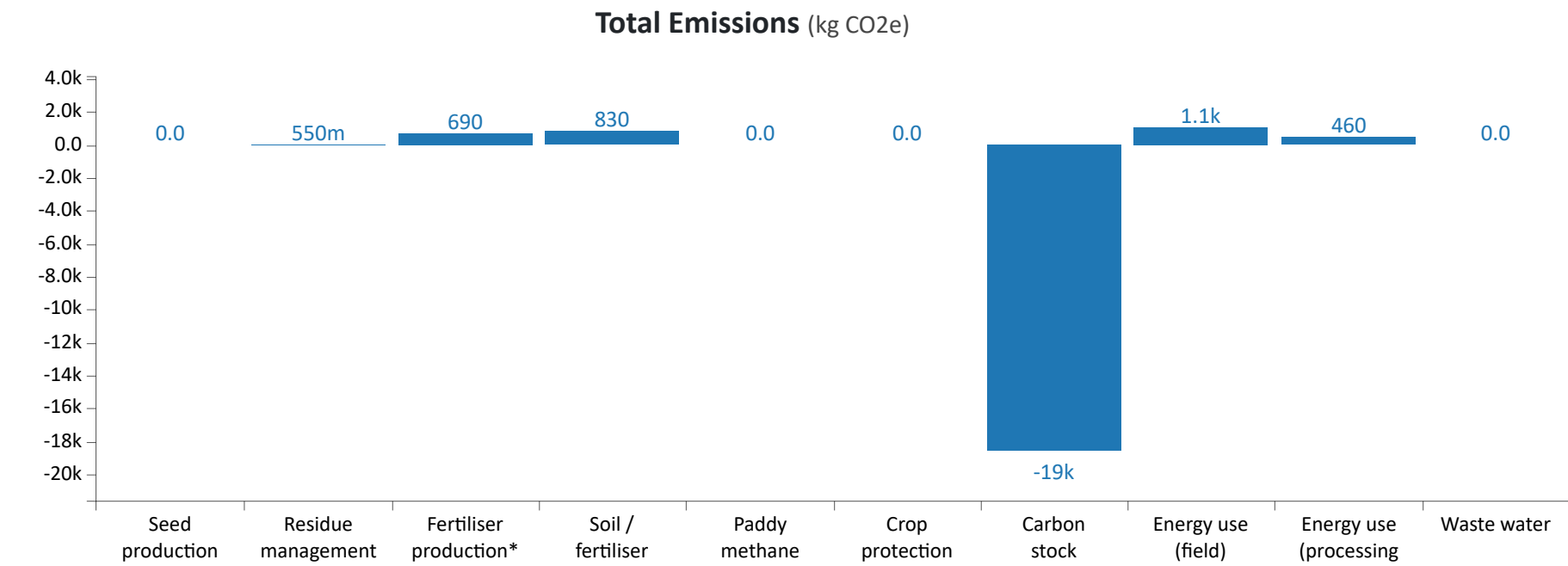
-15.52k (Thousand) kg CO2e

Emissions per square metre

-0.52 (.) kg CO2e

Emissions per kilogram

-1.29 (.) kg CO2e



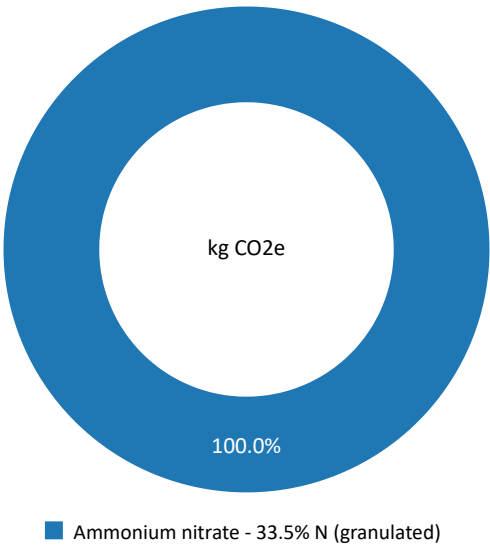
Detailed data (all values in kg)

Hide data

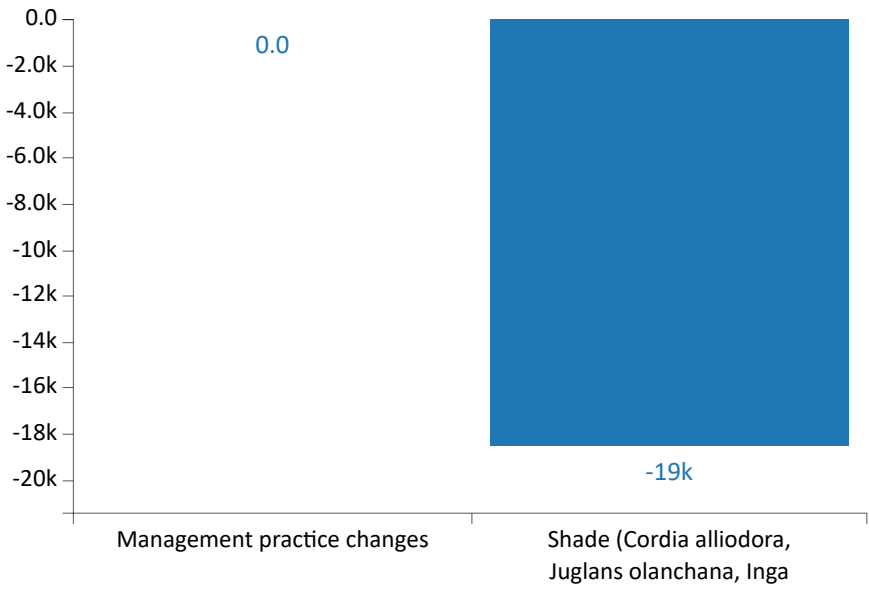
Sources	CO ₂	N ₂ O	CH ₄	Total CO ₂ eq. (equivalent)	Per m2	Per kg
Seed production	0.(.)	0.(.)	0.(.)	0.(.)	0.(.)	0.(.)
Residue management	0.(.)	0.(.)	0.(.)	0.55.(.)	0.(.)	0.(.)
Fertiliser production*	686.76.(.)	0.(.)	0.(.)	686.76.(.)	0.02.(.)	0.06.(.)
Soil / fertiliser	0.(.)	3.04.(.)	0.(.)	831.25.(.)	0.03.(.)	0.07.(.)
Paddy methane	0.(.)	0.(.)	0.(.)	0.(.)	0.(.)	0.(.)
Crop protection	0.(.)	0.(.)	0.(.)	0.(.)	0.(.)	0.(.)
Carbon stock changes	-18.56k (Thousand)	0.(.)	0.(.)	-18.56k (Thousand)	-0.62.(.)	-1.55.(.)
Energy use (field)	1.06k (Thousand)	0.(.)	0.(.)	1.06k (Thousand)	0.04.(.)	0.09.(.)
Energy use (processing)	463.10.(.)	0.(.)	0.(.)	463.10.(.)	0.02.(.)	0.04.(.)
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.

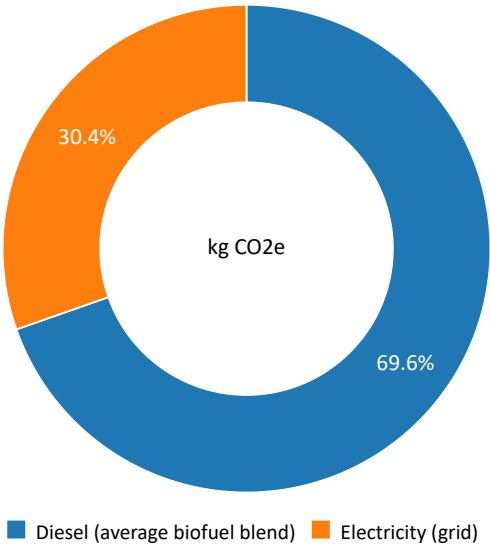
Fertiliser production emissions



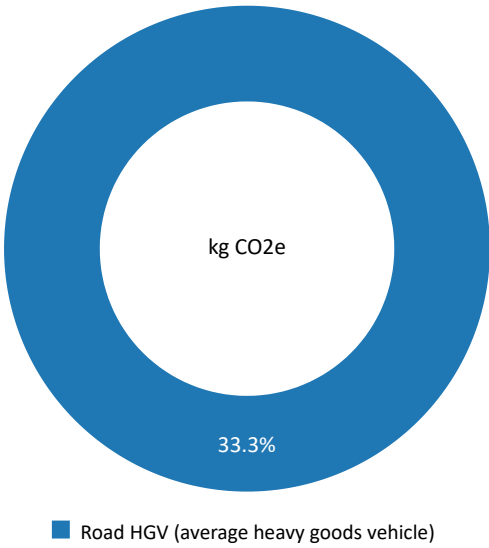
Carbon stocks and sinks



Energy, fuel and water emissions



Transport emissions



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