



spring_wheat_2021

Other Crops ▸ Spring Wheat ▸ Finished product: 13,938 kilograms ▸ Dataset: Default ⌵ ▸ Yield: 0.61 kg / m2

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Crop

Soil

Inputs

Fuel & Energy

Irrigation

Carbon

Transport

Results

100%
Complete

GHGs

Water

Compare

Performance

Costs

Data

Total emissions

-36.14k

kg CO2e

Emissions per square metre

-1.58

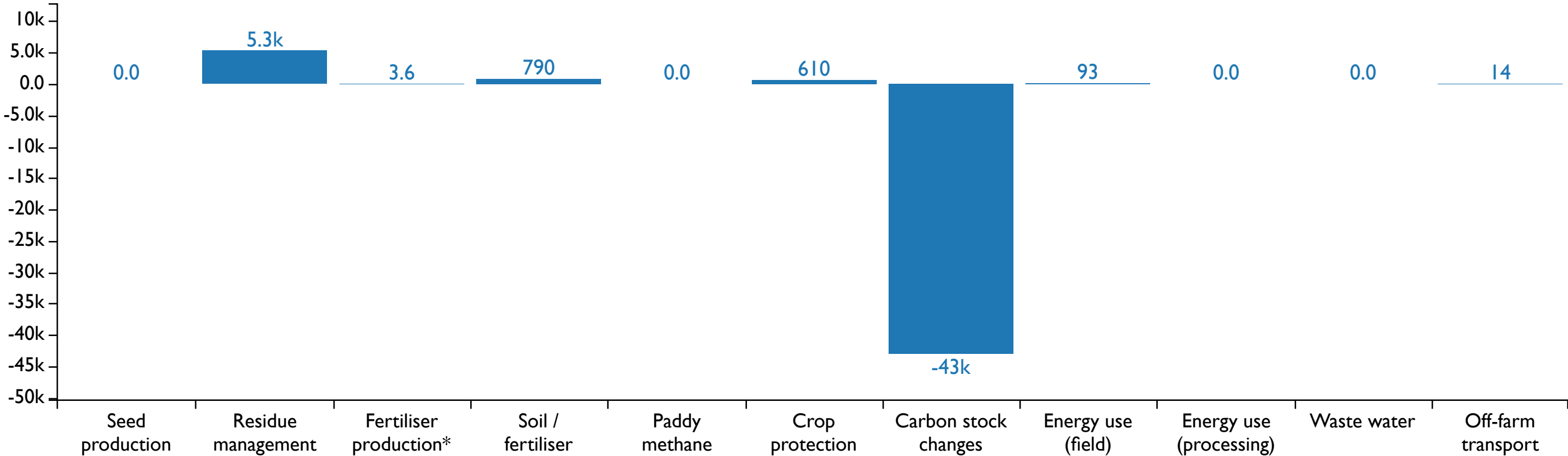
kg CO2e

Emissions per kilogram

-2.59

kg CO2e

Total Emissions (kg CO2e)



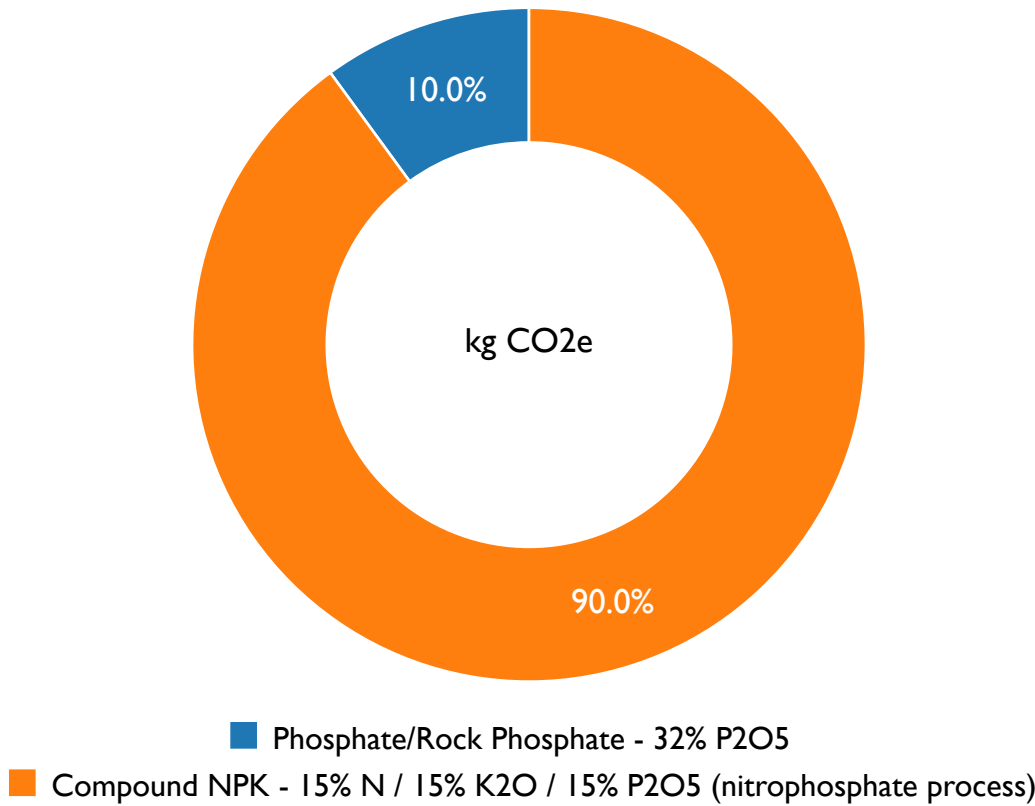
Detailed data (all values in kg)

Hide data

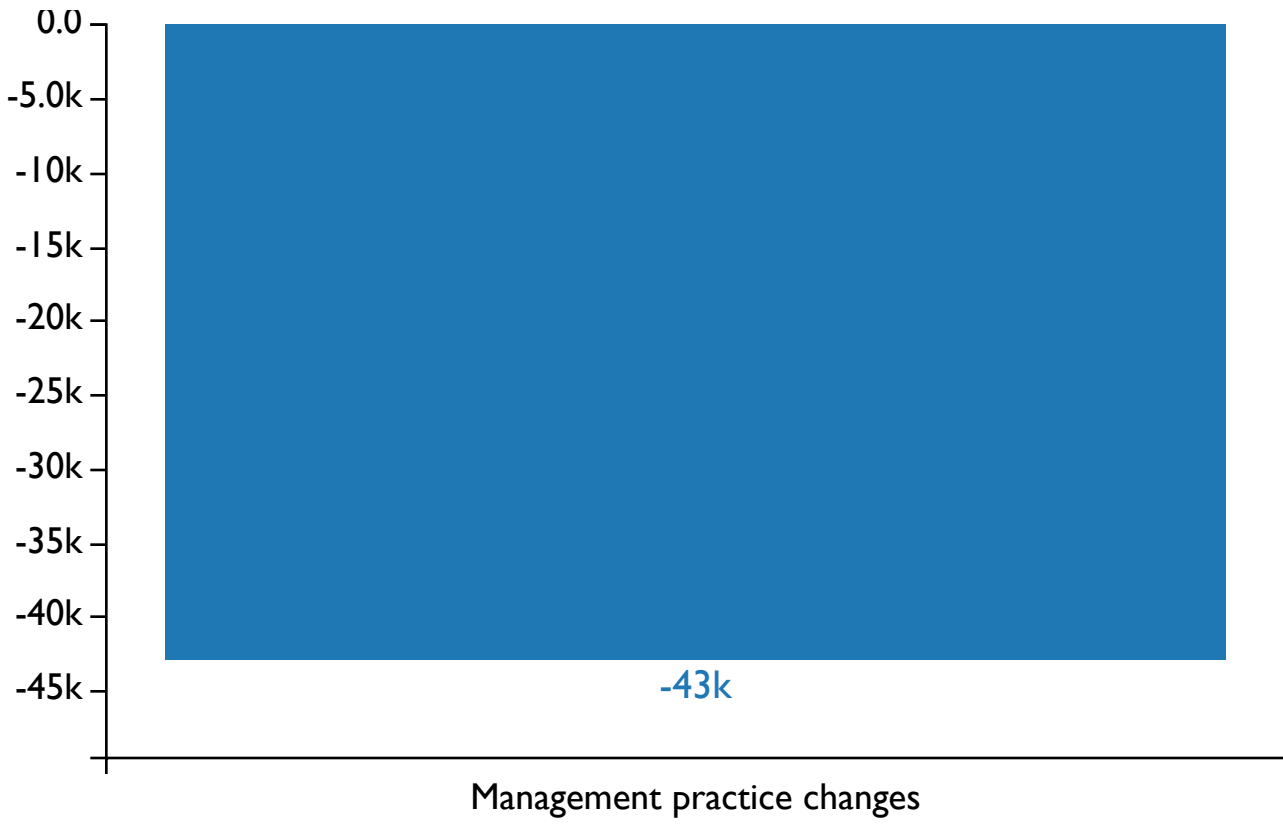
Sources	CO ₂	N ₂ O	CH ₄	Total CO ₂ eq	Per m2	Per kg
Seed production	0	0	0	0	0	0
Residue management	0	9.71	95.80	5.29k	0.23	0.38
Fertiliser production*	3.60	0	0	3.60	0	0
Soil / fertiliser	0	2.65	0	789.12	0.03	0.06
Paddy methane	0	0	0	0	0	0
Crop protection	610.07	0	0	610.07	0.03	0.04
Carbon stock changes	-42.94k	0	0	-42.94k	-1.88	-3.08
Energy use (field)	92.80	0	0	92.80	0	0.01
Energy use (processing)	0	0	0	0	0	0
Waste water	0	0	0	0	0	0
Off-farm transport	14.17	0	0	14.17	0	0

* Calculated with validated default values for fertiliser production.

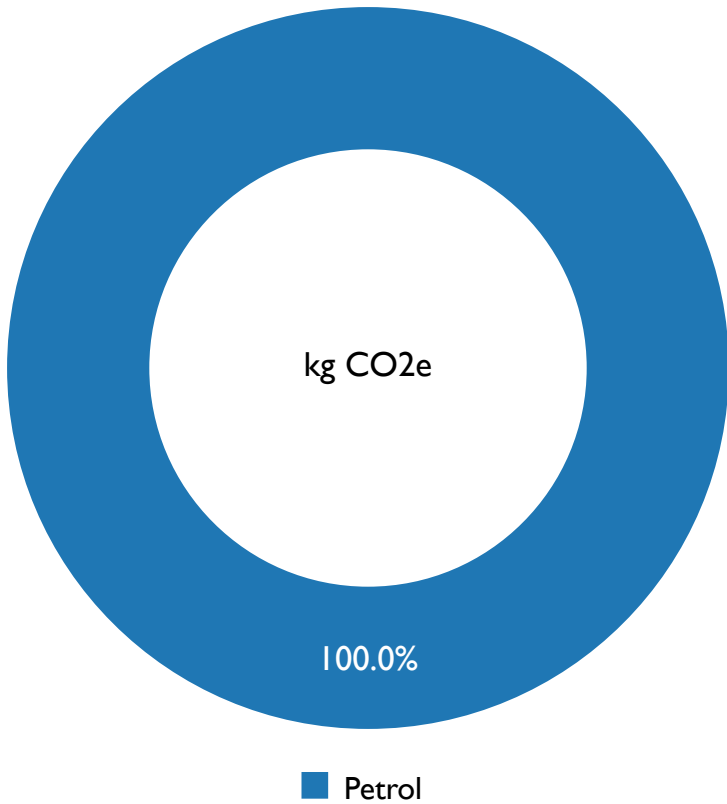
Fertiliser production emissions



Carbon stocks and sinks



Energy, fuel and water emissions



Transport emissions

