

A Comprehensive Energy Analysis and Related Carbon Footprint of Dairy Farms, Part 2: Investigation and Modeling of Indirect Energy Requirements

Giuseppe Todde *, Lelia Murgia, Maria Caria and Antonio Pazzona

Department of Agricultural Science, University of Sassari, Viale Italia 39, 07100 Sassari, Italy; dit_mecc@uniss.it (L.M.); mariac@uniss.it (M.C.); pazzona@uniss.it (A.P.)

* Correspondence: gtodde@uniss.it

Table S1. Type and quantity (tonnes of wet basis) of purchased feed expressed as the average $\pm$ standard deviation per farm.

Type of Feed	Purchased Amount (average tonnes per farm)
Protein Concentrate	169 $\pm$ 275
Corn Grains	62 $\pm$ 255
Legumes Grains	27 $\pm$ 70
Hay	62 $\pm$ 184
Grains	21 $\pm$ 78
Minerals and Vitamins	11 $\pm$ 24
Beet Pulp	5 $\pm$ 18
Straw	38 $\pm$ 65
Grass Silage	11 $\pm$ 95
Corn Silage	20 $\pm$ 117

Table S2. Type and quantity (kg) of purchased seeds, pesticides and fertilizers expressed as the average $\pm$ standard deviation per farm.

Type of Item	Purchased Amount (average kg per farm)
Seeds	Cereals
	4941 $\pm$ 8669
	Legumes
Pesticides	Maize
	154 $\pm$ 401
Fertilizers	Pesticides
	34 $\pm$ 91
	N
	3079 $\pm$ 5457
	P ₂ O ₅
	617 $\pm$ 2371
	K ₂ O
	167 $\pm$ 636