

L'Espunyola, Spain

Organic production certified acc. (EU) 2018/848 since 2003, Naturland since 1996



Cal Pauet, Josep Bover

Yield enhancing strategy, what makes the farm special?

At Cal Pauet we have been farmers for many generations. Here, livestock has always been combined with the land, especially with our flock of sheep. For almost thirty years now, we have been working towards a path based on using resources in a more conscious and fair way, reaching the final consumer directly, with an ecological guarantee and total transparency. We market a series of products, among the most outstanding are lamb, grain, seeds and flours.

Basic definition of the farm

Mixed farm right at the foot of the Pre-Pyrenees. With open land and predisposition to any crop.

Things in production that should be optimised from the farmer's point of view.

One of the aspects to improve is to raise the nitrogen level and try to bring more wood chips to the soil, to be able to fix more carbon. Also, to be able to channel and collect rainwater better, to be able to provide support irrigation for some

Farm: mixed farm, 138 ha arable land, 115 ha forest, and 600 meat sheep.

Soil: loamy soils.

Rainfall and temperatures:

2003-2023	J	F	M	A	M	J	J	A	S	O	N	D	Year
Rainfall [mm]	43.0	35.5	61.3	93.7	83.6	94.4	72.6	78.2	93.4	68.8	65.5	25.1	812.2
Temperature [°C]	4.6	5.0	7.2	9.6	13.2	17.7	20.8	20.6	17.5	13.1	8.0	6.3	11.9

Arable crops, yields, fertilisation, 2019-2024, (rotation 1) [t/ha]:

	2019	2020	2021	2022	2023	2024	Av.
1 Bread-making wheats	1.80	1.50	1.70	1.50	2.50	2.50	1.92
2 Mustard	1.20	1.0	0.80	0.60	0.80	0.90	0.88
3 Legumes: Faba bean/Narbon vetch (<i>Vicia narbonensis</i>)	2.10	2.00	2.20	1.80	2.00	2.40	2.08
4 Fodder: alfalfa, mixed annual forage	3.80	3.60	2.80	2.20	2.20	3.00	2.93
Fertilizer applied to cereals: Compost [kg N/ha] in the form of in-farm composted sheep manure	160	180	180	160	160	180	

Machinery

Fendt 714 Vario tractor with shovel

Fendt 712 Vario tractor

2 dynamic cultivators of 3 m.

1 Lemken Kristall cultivator 3 m

1 Pladevall subsoiler 3 m width

1 Kverneland 4 furrow plow

1 compost spreading trailer

1 sowing machine Direct sowing Semeato TDNG 300M, 3 m width

1 traditional seed drill Solà TRISEM 2110 3 m width