

Kuryluk's farm, PL

Organic farming since 1995

Association: Ekoland



Pumpkins before the harvest



Monika and
Mariusz Kuryluk

Yield enhancing strategy, what makes the farm special??

Initially, the farm offered only their "raw" organic products such as: pumpkin, pumpkin seeds, beans, spelt, rye, buckwheat, valerian. Currently the farm is processing their products and offers: pumpkin seed oil, spelt flour, rye flour, unroasted buckwheat groats and other products. Yields are maintained through crop rotation, but the key "added value" of the farm is on-farm processing and Quality of the products.

Optimisation wishes and questions: There is a growing demand for organic products on the market. Yield quantity is important, but cooperation among organic farmers is the key. Currently, we are unable to meet the demand site of the market based on our own land. We have to build long lasting cooperatives with other organic farms.

Farm: Family farm, 32 ha total area, 24 ha arable land, 5 ha meadows

Soils: poor (sandy soils)

Rainfall and temperatures

1990-2020	J	F	M	A	M	J	J	A	S	O	N	D	Year
Rainfall [mm]	27	25	32	37	67	70	83	65	52	40	32	32	562
Temperature [°C]	-2.5	-1.4	2.4	8.7	13.9	17.3	19.3	18.6	13.5	8.1	3.2	-1	8.3

Crops, yields and fertilisation, 2019-2024 [t/ha]

	2020	2021	2022	2023	2024	Mean
W-Wheat	2.2	2	2.2	2.2	1.1	2.2
Buckwheat	0.9	0.4	0.8	1.5	0.5	0.8
Bean	2.4	0.4	1	1	1	1.1
Pumpkin - seeds	0.1	0.4	0.4	0.5	0.3	0.3
Valerian roots	3.4	0.1	3	2.3	0.1	1.8
Serradella seeds	0.5	0.1	0.1	-	-	0.2
Cereal and legume mixtures	-	-	-	-	5.5	5.5

Grains: 86% DM, roots 50% DM; **Fertilisation** (average per year): Winter wheat 2021-2024 with 0.6-2 t/ha granulated chicken manure 4-3-3 (88% DM; 40 kg N, 25 kg P, 25 K per t FM); Pumpkin 2020-2024 with 27-30 t/ha fresh horse manure (25% DM; 5 kg N, 2.5 kg P, 2.6 kg K per t FM) + 0.15-0.20 t/ha Patent Kali 0-0-30 (13% K). No external fertilisation applied to buckwheat, bean, valerian roots, serradella or cereal-legume mixtures — soil fertility maintained through crop rotation and legume pre-crops.

Photos: © M Kuryluk

Machinery

Tractors

	Power HP
Ursus C330	30
Pronar 82SA	81

Cultivation

	Working width (m)
4-furrow plow	2
4-point medium harrow, hydraulically adjustable	6
cultivator-seed drill with spring-loaded tines	2.5
disc cultivator and seeder	2.5

Harvest

	Power HP
John Deere 330 bean harvester	47
Moty 1800KE Pumpkin harvester	-

Fertilisation

	Working width (m)
2-disc seeder	2.5
REFORM grain seeder	2.5
ARAI seeder for catch crops	3
NODET pneumatic seeder for pumpkins and beans	3
NODET bean seeder	1.6

Machines in cooperation

	Working width (m)
POM AUGUSTÓW weed harrow	6
JAWOR pumpkin weeder	1.6
JAWOR been weeder	1.6
SOLAN pumpkin weeder	2
multi-function weeder: weeding/fertilising/burning weeds	1.5-2

Machines in cooperation

	Power HP
delivery truck	120

M+M Kuryluk, IUNG-PIB, 04/2026