

Supplementary Materials

Table S1. Soybean acreage (thous. ha) in 2016–2020 in the world, in Europe and in Poland (according to FAOSTAT data).

Years	World	Europe	Poland
2016	122036.5	5035.9	7.6
2017	125862.9	5760.3	9.3
2018	124051.9	5659.3	5.5
2019	121533.2	5570.3	7.9
2020	126951.5	5294.2	7.2
Mean for 2016–2020	124087.2	5464.0	7.5

Table S2. Soybean harvest (thous. tone) in 2016–2020 in the world, in Europe and in Poland (according to FAOSTAT data).

Years	World	Europe	Poland
2016	335944.7	10543.4	14.7
2017	359510.9	10721.9	20.3
2018	344731.7	12130.9	10.4
2019	336329.4	11666.4	15.5
2020	353463.7	10626.6	14.9
Mean for 2016–2020	345996.1	11137.8	15.2

Table S3. Soybean yields (t ha⁻¹) in 2016–2020 in the world, in Europe and in Poland (according to FAOSTAT data).

Years	World	Europe	Poland
2016	2.75	2.09	1.93
2017	2.86	1.86	2.17
2018	2.78	2.14	1.90
2019	2.77	2.09	1.96
2020	2.78	2.01	2.08
Mean for 2016–2020	2.79	2.04	2.00

Table S4. Water use efficiency in the case of irrigation of soybean crops in central Poland.

Author	Years	Cultivar	Water use efficiency (kg ha ⁻¹ mm ⁻¹)
Dudek et al. (2019) [52]	2013–2014	Aldana, Merlin	7.8
Kropkowski (2023) [71]	2015–2018	Aldana, Merlin	7.9–11.7