

Supplementary Materials: Impact of Fertilizer N Application on the Grey Water Footprint of Winter Wheat in a NW-European Temperate Climate

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Table S1. Site-specific scores of environmental factors N deposition (N Dep.), texture, drainage, precipitation (Precip.) and scores of agricultural practices N fixation (N₂-Fix.) and management (Managm.). Scores were multiplied with weight factors to calculate the leaching run-off factor β . For deviations from the proposed procedure of [14], see Material and methods, Section 2.4. Per factor a certain score (0 to 1) for the leaching-runoff potential is given. According to ref [14], a score of 0 indicates a very low leaching-runoff potential, a score 0.33 a low, a score 0.67 a high, and a score of 1 a very high leaching-runoff potential. A score of 0.5 is recommended if no information about the state of a factor can be obtained.

Site	N Dep.	Texture	Drainage	Precip.	N ₂ -Fix.	Managm.	β
Weight factors							
	0.10	0.25	0.25	0.15	0.10	0.15	
Scores							
1	1	0.67	0.67	0.33	0	0.33	0.464
2	1	0.33	0.67	0.33	0	0.33	0.403
3	1	0.67	0.67	0.33	0	0.33	0.464
4	1	1	0.67	0.33	0	0.33	0.524
5	1	0.67	0.67	0.33	0	0.33	0.464
6	1	0.67	0.67	0.33	0	0.33	0.464
7	1	1	0.67	0.33	0	0.33	0.524
8	1	1	0.67	0.33	0	0.33	0.524
9	1	0.67	0.67	0.33	0	0.33	0.464
10	1	0.67	0.67	0.33	0	0.33	0.464
11	1	0.67	0.67	0.33	0	0.33	0.464
12	1	1	0.67	0.33	0	0.33	0.524
13	1	0.67	0.67	0.33	0	0.33	0.464
14	1	0.67	0.67	0.33	0	0.33	0.464
15	1	0.33	0.67	0.33	1	0.33	0.475
16	1	0.33	0.67	0.33	0	0.33	0.403
17	1	0.67	0.67	0.33	0	0.33	0.464
18	1	1	0.67	0.33	0	0.33	0.524
19	1	1	0.67	0.33	0	0.33	0.524
20	1	0	0.67	0.33	0	0.33	0.344
21	1	0.67	0.67	0.33	0	0.33	0.464
22	1	1	0.67	0.33	0	0.33	0.524
23	1	0.67	0.67	0.33	0	0.33	0.464
24	1	0.67	0.67	0.33	0	0.33	0.464
25	1	0.67	0.67	0.33	0	0.33	0.464
26	1	0.67	0.67	0.33	0	0.33	0.464
27	1	0.67	0.67	0.33	0	0.33	0.464