

# Supplementary Materials:

**Table S1.** Mean weed coverage and standard deviation (sd) of the treatments before herbicide application 2017–2018. In each year, we did not analyse significant differences ( $p < 0.05$ ) in weed coverage between the treatments. Kruskal-Wallis Test.

Treatment	Mean weed coverage (%) (sd)		
	2017	2018	2019
Control	7.85 (1.86)	1.98 (1.06)	13.25 (3.55)
CHEM-POST	6.75 (2.80)	2.21 (1.28)	14.25 (5.54)
MECH-C	7.10 (1.86)	2.48 (1.56)	13.19 (5.13)
CHEM-PRE	8.15 (2.74)	2.13 (0.98)	16.06 (5.32)
CHEM-PRE/POST	7.82 (1.99)	2.28 (1.12)	12.75 (4.77)

**Table S2.** Mean dry matter content (%) and standard deviation (sd) of the treatments.

Treatment	Mean weed coverage (%) (sd)		
	2017	2018	2019
Control	32.9	31.4	25.9
CHEM-POST	32.7	32.3	26.1
MECH-C	28.8	30.5	25.9
CHEM-PRE	33.8	33.6	25.6
CHEM-PRE/POST	33.1	33.5	26.3