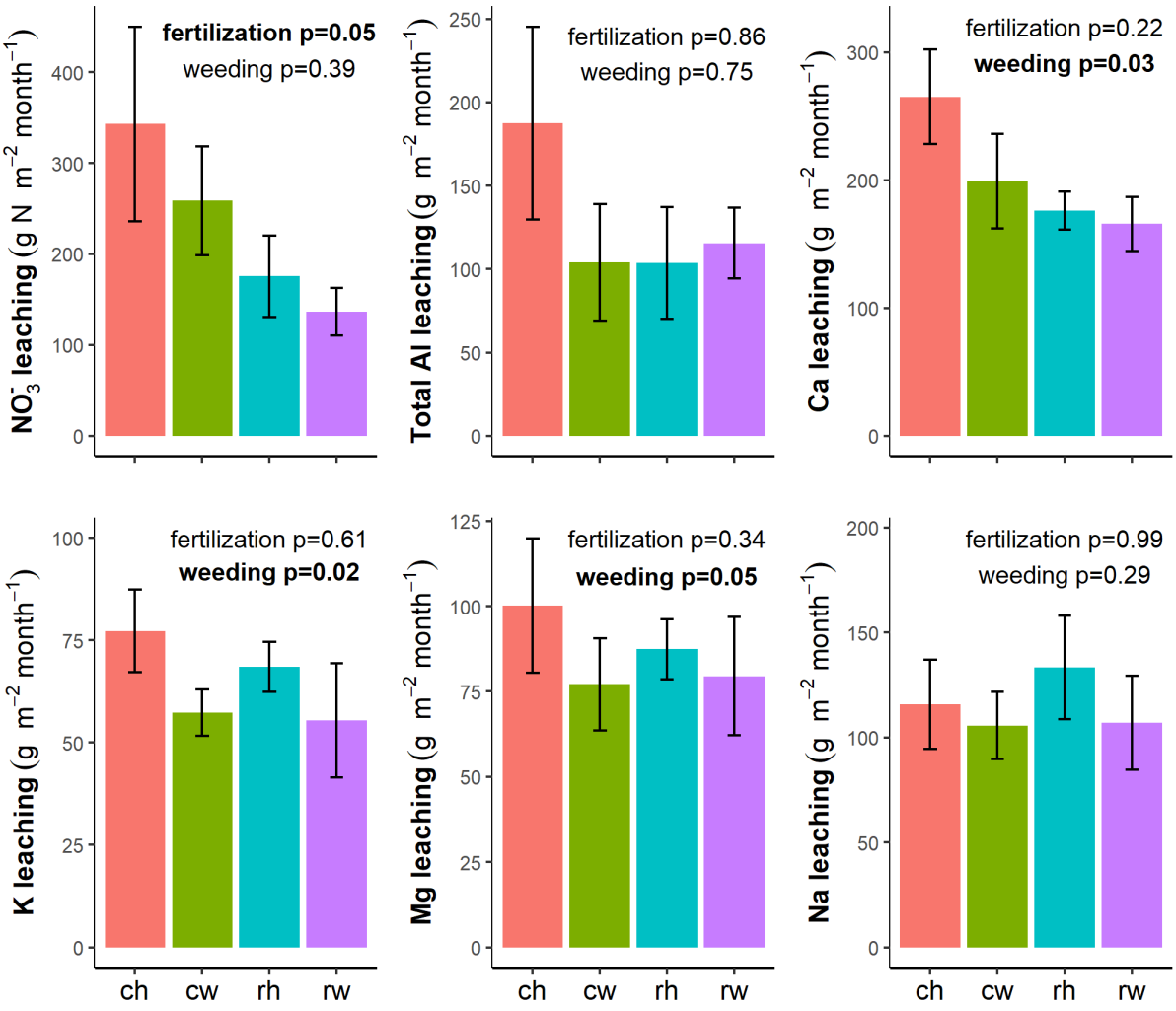
A mistake was found in the statistical analysis of the repeatedly measured leaching fluxes, using the appropriate linear mixed-effect (LME) model for assessing differences among treatments. This mistake was due to an error in the coding the replicate plots that led to pseudo-replication. We re-run the LME model with the correct coding of replicate plots with management zone and treatments as fixed effects. The treatments are pooled to the 2 fertilization treatments and 2 weeding treatments aside from their interactions or the 4 treatment combinations. Random effects were sampling months and the replicate plots nested with management zone and in turn nested with subplots. This revised statistical analyses show that fertilization treatment affects NO_3^- leaching fluxes and that the weeding treatment affects the leaching fluxes of Ca, Mg and K. We updated Fig. 5 to show these new results, which are similar to the ones in the previous version of the manuscript. We updated the manuscript to include the changes in the text. The discussion is only minimally altered by these changes.

Fig. 5 Average monthly leaching losses at 1.5 m depth for each experimental treatment from March 2017 to February 2018 (means ± standard errors, n = 4 plots). Effects of fertilization and weeding were evaluated using linear-mixed effect models with monthly sampling as random effect and plots nested by management zone and subplot as random effect; there was no significant effect of fertilization and weeding interaction. Treatments: ch = conventional fertilization–herbicide; cw = conventional fertilization–mechanical weeding; rh = reduced fertilization–herbicide; rw = reduced fertilization–mechanical weeding.


NO3- leaching (g N m-2 month-1)
fertilization p=0.05
weeding p=0.39
Total Al leaching (g m-2 month-1)
fertilization p=0.86
weeding p=0.75
Ca leaching (g m-2 month-1)
fertilization p=0.22
weeding p=0.03
K leaching (g m-2 month-1)
fertilization p=0.61
weeding p=0.02
Mg leaching (g m-2 month-1)
fertilization p=0.34
weeding p=0.05
Na leaching (g m-2 month-1)
fertilization p=0.99
weeding p=0.29
ch
cw
rh
rw