

Text S3 Process for searching the levels of PFAS in grain of rice, maize, wheat, and soybean.

Before May 10, 2025, we conducted a search in the Web of Science database via the keywords “rice” and “PFAS”, “maize” and “PFAS”, “wheat” and PFAS, as well as “soybean” and “PFAS” to obtain the level of PFAS in above four types of crops. The following screening criteria were applied to standardize the subsequent analysis steps: (1) Exclusion of experiments that introduce additional PFAS to the samples. (2) Obtained the data of PFAS level in actual plants from searched article and convert the units to ng/g dw. Finally, we separately retrieved 52, 56, 52, and 4 pieces of data to calculate PFAS in grains of rice, maize, wheat, and soybean.