Supplemental Fig. S2. Frequency distribution (mean, 25 and 75% quartiles, skewness and kurtosis coefficients) of the fertilizer N (A), P (B), and K (C) rate applied in studies conducted from 1888 to 2012 for the USA (red bars) and the World (yellow bars) geographical division and for the entire dataset (n = 2500 means; >160 research studies). For the USA division, the number of data points utilized for N, and P-K in the frequency distribution were 1116, and 907; while World histograms for N, P, and K were 717, 591 and 550 observations in total (research data sources that clearly reported the quantity of fertilizer N, P and K applied at any point during the crop growing season). For the same sub-database, overall plant nutrient uptake for USA was 216, 39, and 217 kg nutrient ha⁻¹ for N, P, and K, respectively; while uptake for the World was 121, 25, and 121 kg ha⁻¹ for N, P, and K, respectively.

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