



Corrigendum to **“Global cropland monthly gross primary production in the year 2000” published in Biogeosciences, 11, 3871–3880, 2014**

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In the paper “Global cropland monthly gross primary production in the year 2000” by T. Chen et al. (Biogeosciences, 11, 3871–3880, doi:10.5194/bg-11-3871-2014, 2014), two errors occurred.

First, a wrong variable was used in Eq. (2). The correct equation should be as follows:

$$\text{RMSE} = \left[\frac{1}{N} \sum_{n=1}^N (\text{GPP}_{\text{CASA}} - \text{GPP}_{\text{FLUXNET}})^2 \right]^{1/2}. \quad (2)$$

In addition, in Table 2 the GPP units were added to the wrong column. The correct table is:

Table 2. $\varepsilon_{\text{GPP}}^*$ used in our study and global cropland GPP estimates for various crop types.

ID	Crop types	$\varepsilon_{\text{GPP}_{\text{FLUXNET}}}^* \pm \text{SD}$	$\varepsilon_{\text{GPP}_{\text{literature}}}^* \pm \text{SD}$	$\varepsilon_{\text{GPP}_{\text{regress}}}^*$	$\varepsilon_{\text{GPP}_{\text{model}}}^*$	GPP (Pg C yr ⁻¹)
1	Maize	2.84 ± 0.57	4.07 ± 0.58	2.87	2.84	1.545
2	Rice	2.75 ± 0.21	2.79 ± 0.28	2.01	2.75	1.514
3	Fodder grasses		3.18 ± 0.65	2.28	2.28	1.389
4	Wheat	2.13 ± 0.57	2.92 ± 0.45	2.10	2.13	1.384
5	Others perennial		1.60	1.21	1.21	0.795
6	Cassava		4.20	2.96	2.96	0.612
7	Others annual		2.59 ± 0.85	1.87	1.87	0.508
8	Sugar cane		3.64 ± 0.50	2.59	2.59	0.494
9	Soybeans	1.64 ± 0.17	2.36 ± 0.46	1.72	1.64	0.491
10	Pulses		2.87 ± 1.19	2.06	2.06	0.353
11	Sorghum		4.01 ± 0.66	2.83	2.83	0.272
12	Barley	1.73 ± 0.25	2.88 ± 0.46	2.07	1.73	0.260
13	Oil palm		2.02 ± 0.17	1.49	1.49	0.210
14	Coffee				1.20	0.158
15	Millet		3.52 ± 0.48	2.51	2.51	0.134
16	Cocoa		2.14	1.57	1.57	0.132
17	Cotton		1.71 ± 0.19	1.28	1.28	0.123
18	Rapeseed	2.05 ± 0.35	2.62 ± 0.64	1.89	2.05	0.115
19	Sunflower		2.52 ± 0.50	1.83	1.83	0.112
20	Rye				2.13	0.109
21	Groundnuts		2.34 ± 0.38	1.71	1.71	0.105
22	Potatoes	1.50	2.63 ± 0.45	1.91	1.50	0.091
23	Citrus				1.20	0.064
24	Grapes				1.20	0.041
25	Sugar beet	1.95 ± 1.34	2.80 ± 0.52	2.02	1.95	0.040
26	Date palm				1.20	0.001
	Global					11.05