

Province code	Province name	Mean RMSE (kg ha ⁻¹) and (<i>r</i>) of validation results			
		Maize	Wheat	Early rice	Late rice
1	Heilongjiang	571.3 (0.45*)	497.9 (0.36*)	371.0 (0.36*)	–
2	Jilin	887.5 (0.41*)	–	585.4 (0.34*)	–
3	Liaoning	689.9 (0.55*)	–	498.0 (0.59*)	–
4	Inner Mongolia	1433.9 (0.51*)	542.1 (0.31*)	–	–
5	Hebei and Beijing and Tianjin	785.7 (0.38*)	290.1 (0.46*)	–	–
6	Shanxi	555.1 (0.39*)	224.7 (0.84*)	–	–
7	Shannxi	1074.5 (0.41*)	364.3 (0.35*)	–	–
8	Ningxia	1714.0 (0.26*)	795.2 (0.32*)	–	–
9	Gansu	352.0 (0.39*)	584.9 (0.44*)	–	–
10	Shandong	805.7 (0.49*)	430.0 (0.50*)	–	–
11	Henan	675.4 (0.38*)	219.7 (0.53*)	–	–
12	Jiangsu	1578.6 (0.16)	254.5 (0.56*)	639.7 (0.33*)	–
13	Anhui	833.0 (0.30*)	315.5 (0.66*)	478.3 (0.27)	–
14	Hubei	882.3 (0.32*)	196.9 (0.24)	558.5 (0.53*)	–
15	Sichuan and Chongqing	255.9 (0.54*)	345.7 (0.27)	529.5 (0.13)	–
16	Zhejiang	929.2 (0.30*)	242.1 (0.29)	490.5 (0.59*)	533.9 (0.41*)
17	Jiangxi	386.6 (0.26*)	–	255.8 (0.63*)	316.0 (0.34*)
18	Hunan	679.8 (0.38*)	–	432.0 (0.53*)	447.0 (0.45*)
20	Yunnan	969.0 (0.22)	611.3 (0.10)	368.0 (0.26)	–
21	Fujian	355.9 (0.35*)	–	486.5 (0.22)	331.9 (0.34*)
22	Guangdong	334.0 (0.38*)	–	391.5 (0.51*)	420.9 (0.21)
23	Guangxi	387.6 (0.44*)	–	323.7 (0.36*)	306.3 (0.42*)