

Appendix

Table A1. Information regarding winter rapeseed locations in China.

No.	Region	Province	Station	Longitude (°E)	Latitude (°N)
1	HH	Anhui	Suzhou	117.02	33.59
2	HH	Gansu	Chengxian	105.75	33.76
3	HH	Henan	Suiping	113.98	33.15
4	HH	Henan	Zhengzhou	113.69	34.79
5	HH	Jiangsu	huaian	119.04	33.53
6	HH	Shaanxi	Baoji	107.63	34.45
7	HH	Shaanxi	Dali	109.95	34.89
8	HH	Shaanxi	Fuping	109.11	34.74
9	HH	Shaanxi	Yangling	108.03	34.25
10	HH	Shanxi	Yuncheng	110.99	35.05
11	UYR	Chongqing	Beibei	106.14	30.01
12	UYR	Chongqing	Wanzhou	108.40	30.77
13	UYR	Guizhou	Anshun	105.85	26.31
14	UYR	Guizhou	Guiyang	106.66	26.62
15	UYR	Guizhou	Tongren	109.20	27.72
16	UYR	Guizhou	Zunyi	106.87	27.59
17	UYR	Shaanxi	Mianxian	106.69	33.16
18	UYR	Sichuan	Mianyang	104.83	31.39
19	UYR	Sichuan	Nanchong	106.08	30.81
20	UYR	Sichuan	Neijiang	104.96	29.69
21	UYR	Sichuan	Shuangliu	103.88	30.60
22	UYR	Sichuan	Yibin	104.92	28.97
23	MYR	Hubei	Enshi	109.49	30.30
24	MYR	Hubei	Huanggang	114.89	30.46
25	MYR	Hubei	Jingzhou	112.25	30.34
26	MYR	Hubei	Wuhan	114.35	30.59
27	MYR	Hubei	Xiangyang	112.12	32.01
28	MYR	Hubei	Yichang	111.29	30.70
29	MYR	Hunan	Hengyang	112.57	26.90
30	MYR	Hunan	Yunyang	113.14	29.36
31	MYR	Hunan	Changsha	112.94	28.23
32	MYR	Jiangxi	Jiujiang	115.97	29.67
33	MYR	Jiangxi	Nanchang	115.86	28.69
34	MYR	Jiangxi	Yichun	114.42	27.82
35	LYR	Anhui	Chaohu	117.92	31.66
36	LYR	Anhui	Chuzhou	118.32	32.30
37	LYR	Anhui	Hefei	117.25	31.89
38	LYR	Anhui	Quanjiao	118.22	32.08
39	LYR	Anhui	Tongling	117.89	30.94
40	LYR	Anhui	Wuhu	118.39	31.31
41	LYR	Jiangsu	Yangzhou	119.54	32.43
42	LYR	Shanghai	Shanghai	121.21	31.20
43	LYR	Zhejiang	Hangzhou	120.20	30.32
44	LYR	Zhejiang	Jiaxing	120.73	30.84

HH, Huang-Huai-Hai region; UYR, upper reaches of Yangtze River; MYR, middle reaches of Yangtze River; LYR, lower reaches of Yangtze River.

Table A2. Information regarding winter rapeseed varieties in four different regions of China during 2008-2019.

Region	Varieties	Years
HH	Qinyou7	2008-2019
UYR	Youyan10	2008-2011
	Nanyou12	2011-2015
	Rongyou18	2015-2019
MYR	Zhongyouza2	2008-2012
	Huayouza12	2013-2019
LYR	Qinyou7	2008-2011
	Qinyou10	2011-2019

HH, Huang-Huai-Hai region; UYR, upper reaches of Yangtze River; MYR, middle reaches of Yangtze River; LYR, lower reaches of Yangtze River.