

Table 1 Yield performance of 'Zhongkexilu 2' in each demonstration site

Time	Site	Longitude and latitude	Area (hm <sup>2</sup> )	'Zhongkexilu 2' Yield (kg)	'Yunlu201' Yield (kg)	Increased yield (%)
The second crop of 2016	Baoyou town of Ledong county	18°45'N, 109°11'24"E	1.87	5 169	4 264	21.2**
The second crop of 2016	Sigeng town of Dongfang county	19°13'48"N, 108°41'24"E	1.60	4 942	3 849	28.4**
The second crop of 2016	Yongfa town of Chengmai county	19°45'N, 110°12'E	0.27	5 442	4 139	31.6**
Average of 2016	-	-	-	5 184	4 084	26.9**
The second crop of 2017	Baoyou town of Ledong county	18°45'N, 109°11'24"E	2.47	5 468	4 264	27.5**
The second crop of 2017	Yelin town of Lingshui county	18°31'48"N, 110°3'E	0.53	4 449	3 800	17.1**
The second crop of 2017	Lingkou town of Dingan county	19°21'N, 110°18'36"E	0.40	4 018	3 183	19.3**
Average of 2017	-	-	-	4 645	3 749	23.9**
Average of 2 years	-	-	-	4 914	3 916	25.5**

Note: \*\*indicate most significant difference ( $p<0.01$ )