

Table 2 Meta regression analysis of chemical regulation on maize yield

Covariant quantity	Coefficient	Standard error	<i>t</i>	<i>p> t </i>
Provinces/Autonomous regions	324.5701	115.7344	2.80	0.007
Experimental time	-0.8397242	37.623	-0.02	0.982
Maize varieties	81.30208	121.726	0.67	0.506
Planting density	96.34903	70.26809	1.37	0.175
Chemical control agent type	-970.4187	218.9156	-4.43	0.000
Spraying dose	-1.177055	0.5055847	-2.33	0.023
Spraying date	589.4035	247.0979	2.39	0.020