Table S1 Changes of maize yield per unit area, sown area and total yield in Inner Mongolia from 2003 to 2022.

Year	Planting area (10 thousand hectares)	Yield (kg/hectare)	Production (10 thousand tons)
2003	159.1	5585.0	888.7
2004	167.6	5658.0	948.0
2005	180.6	5903.7	1066.2
2006	191.6	5921.7	1134.6
2007	207.4	5666.3	1175.2
2008	240.2	6004.6	1442.3
2009	256.0	5813.7	1488.3
2010	271.0	6065.3	1643.7
2011	295.7	6285.1	1858.5
2012	317.5	6349.6	2016.0
2013	353.4	6784.4	2397.6
2014	382.9	6537.5	2503.2
2015	393.8	6734.9	2652.2
2016	384.4	6667.8	2563.1
2017	371.6	6720.7	2497.4
2018	374.2	7215.4	2700.0
2019	377.6	7209.5	2722.3
2020	382.4	7172.3	2742.7
2021	420.5	7120.6	2994.2
2022	419.5	7385.9	3098.4
Average	307.4	6440.1	2026.6