

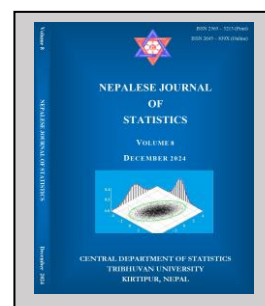
Supplementary Materials: Predicting Cultivation Area, Production, and Yield of Maize in Nepal: An ARIMA Model Approach

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SUPPLEMENTARY MATERIALS

Table S1. Area (ha), production (Mt), and yield (Mt/ha) of maize in Nepal from 1964 to 2023.

Year	Area	Production	Yield
1964	434000	849000	1.956221198
1965	437000	854000	1.95423341
1966	451000	856000	1.898004435
1967	450000	824000	1.831111111
1968	412000	746000	1.810679612
1969	420000	765000	1.821428571
1970	433000	795000	1.836027714
1971	446000	833000	1.867713004
1972	439000	759000	1.728929385
1973	446000	822000	1.843049327
1974	453000	814000	1.796909492
1975	458000	827000	1.805676856
1976	452520	747810	1.652545744
1977	445350	797339	1.790364882
1978	444980	740470	1.664052317
1979	454140	742590	1.63515656
1980	432340	575910	1.332076606
1981	457450	742940	1.624090064
1982	475490	751520	1.58051694
1983	510770	718240	1.406190653

1984	503770	761110	1.510828354
1985	578720	819850	1.416660907
1986	614680	873750	1.421471335
1987	626710	868350	1.385569083
1988	673810	901500	1.337914249
1989	721870	1071610	1.484491667
1990	737980	1138160	1.542264018
1991	757710	1230950	1.624566127
1992	754090	1204710	1.59756793
1993	775220	1290500	1.664688734
1994	754099	1253830	1.662686199
1995	771410	1302116	1.687968784
1996	791700	1331060	1.681268157
1997	793720	1316840	1.659073729
1998	799060	1367340	1.711185643
1999	802290	1345910	1.677585412
2000	819010	1445450	1.764874666
2001	824525	1484112	1.799959977
2002	825990	1510770	1.829041514
2003	838190	1569140	1.872057648
2004	834285	1590097	1.905939817
2005	848882	1716042	2.02153185
2006	850947	1734417	2.038219772
2007	870401	1815825	2.086193605
2008	870166	1878648	2.158953579
2009	875428	1930669	2.205400101
2010	875880	1855184	2.118080102
2011	906253	2087522	2.303464926
2012	871387	2179413	2.501085052
2013	849635	1999010	2.352786785
2014	928761	2283222	2.458352579
2015	882395	2145291	2.431213912
2016	891583	2231517	2.502870737
2017	900288	2300121	2.554872441
2018	954158	2555847	2.678641273
2019	956447	2713635	2.837203734
2020	957650	2835674	2.96107555
2021	979776	2997733	3.059610564

2022	985565	3106397	3.151894599
2023	940256	2969222	3.157886788