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| **Table S1: Data published in Agriculture Census at a Glance, 2019** | |
| Note that data published in the report may change from year to year | |
| **Domain** | **Specific Indicators Included** |
| Socio-Economic Indicators | Population and Growth Rate, Agricultural Workers, Classification of Workers, Classification of Agricultural Workers, Population Below Poverty, Gross Value Added by economic activity, Gross State Value Added of Agriculture and Allied Sector |
| Area, Production and Yield of Principal and Horticulture Crops | Target and Achievement of Production of Major Crops, Normal Estimates (Average of 2013-14 to 2017-18) of Area, Production and Yield of major crops in India, Season-wise and state-wise Area, Production and Yield of Food grains with coverage under irrigation (Rice, Wheat, Millets, Total Pulses, Pigeon Pea, Lentil, Total Oilseeds, Groundnut, Rapeseed & Mustard, Soybean, Sunflower, Cotton, Jute & Mesta, Sugarcane, Tobacco), State-wise Area Production & Yield of Horticulture Crops (Potato, Onion, Coconut, Cashew nut, Arecanut, Banana, Garlic, Ginger, Sweet Potato, Tapioca, Turmeric, Chillies, Coriander, Cardamom, Pepper) |
| All India Index Numbers of Area, Production, Yield and Terms of Trade | All India Index Numbers of Area, Production, Yield and Terms of Trade of Principal Crops, Index of Terms of Trade between Farmers and Non-Farmers, and between Agricultural and Non-Agricultural sectors |
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| Minimum Support Prices & Marketed Surplus Ratios | Minimum Support Prices of various Agricultural Commodities, Central Issue Prices of Rice, Wheat, and Nuri Cereals (Millet crops), Cost Estimates of Principal Crops, Market Surplus Ratio of Important Agricultural Commodities in various states |
| Procurement by Public Agencies | State-wise Procurement of Rice, Wheat, Nutri Grains, Pulses, Oilseeds, Cotton, and Jute by respective agencies |
| Per Capita Availability & Consumer Expenditure | Per Capita Availability & Consumer Expenditure Per Capita, Per Annum, Trends in composition of Consumer Expenditure, Per Capita Consumption of Different Commodities |
| Stock, Consumption and Storage Capacity | Existing Stock and Buffer Stock Norms of Food grains in the Central Pool, Consumption and Stock of Raw Jute, State-wise Storage Capacity, Cold Storage, and capacity sanctioned under Agricultural Marketing Infrastructure Scheme |
| Imports, Exports and Inflation Rates | Imports and Exports of Principal Agricultural Commodities, Tariffs, Wholesale Price Index of Food grains and Commercial Crops, Consumer Price Index of Food and Beverages |
| Land Use Statistics | Agricultural Land Use, Gross Cropped Area, State-wise Area Cultivated under Principal Crops, Irrigation Potential Created, State-wise Area under Micro Irrigation |
| Inputs | Production and Use of Fertilizers, Application of Fertilizer per Hectare, Application of Fertilizer in Paddy and Wheat, Status of Soil Health Card Scheme, Consumption of Electricity, Issue of Kisan Credit Cards, Status of Insurance Schemes, Year-wise Sale of Tractors and Power Tillers |
| Agricultural Census (2015-16) and Input Survey (2011-12) | Number, Area, and Average Size of Operational Holdings, Holdings by Irrigation Status, Usage of Chemical Fertilizers, Pesticides, and Farmyard Manure by Size Group, Usage of Institutional Credit |
| Situation of Agricultural Households in India | Estimated Number of Rural, Agricultural, and Indebted Households, Indebtedness by Size Class, Distribution of Households by Land Possession |
| Ceiling on Land Holdings and Wages for Agricultural Workers | Ceilings on Land Holdings, Minimum Rates of Wages for different category of Farm Workers under the Minimum Wages Act, 1948 |
| Livestock | Livestock population, All India and State-wise Production of Milk, Eggs, Meat, and Wool |
| Fish Production | All India and State-wise Production of Fish |
| Rainfall Scenario and Management of Natural Disasters | Rainfall status, Performance of Southwest Monsoon, All India Rainfall Distribution, Region-wise Monsoon Distribution |

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| **Table S2: Availability of area, production, and yield data by state and year, 1997-2017** | | | | | | | | | | | | | | | | | | | | | | |
| **State Name** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Andaman and Nicobar Islands |  |  |  | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |  |  | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Andhra Pradesh | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Arunachal Pradesh | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Assam | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Bihar | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Chandigarh |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Chhattisgarh | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Dadra and Nagar Haveli and Daman and Diu |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Delhi |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |  |  |  |  |  |  |  |  |  |  |
| Goa | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Gujarat | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Haryana | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |  |  | 2017 |
| Himachal Pradesh |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Jammu and Kashmir | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Jharkhand | 1997 | 1998 | 1999 |  |  | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Karnataka | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Kerala |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |  |  |  | 2015 | 2016 | 2017 |
| Ladakh | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Madhya Pradesh | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Maharashtra | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Manipur | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Meghalaya | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Mizoram | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Nagaland | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Odisha | 1997 |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Puducherry |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Punjab | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Rajasthan | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Sikkim | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Tamil Nadu | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Telangana | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Tripura |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Uttar Pradesh | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| Uttarakhand | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| West Bengal | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |

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| **Table S3: Availability of Land Use Statistics data by state and year, 1993-2018** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **State/ Union Territory** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Andaman and Nicobar Islands |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |  |  |  |  |  |  |  |  |  |
| Andhra Pradesh |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Arunachal Pradesh |  |  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |  |  |
| Assam |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Bihar |  |  |  |  | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Chandigarh |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |  |  |  |  |
| Chhattisgarh |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |  |  |
| Dadra and Nagar Haveli |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Daman and Diu |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |  |  |  |  |  |  |  |
| Delhi |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |  |  |  |  |  |  |  |
| Goa |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Gujarat |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |  |  |  |  |  |  |  |  |  |  |  |
| Haryana | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Himachal Pradesh | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |  |  |
| Jammu and Kashmir |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Jharkhand |  |  |  |  | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |  |  |
| Karnataka |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Kerala |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |  |  |  |
| Ladakh | NO DATA | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lakshadweep |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Madhya Pradesh |  |  |  |  |  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Maharashtra |  | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Manipur |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Meghalaya |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Mizoram |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |  |  |  |  |
| Nagaland |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Odisha |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Puducherry |  | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Punjab |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Rajasthan |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Sikkim | NO DATA | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamil Nadu |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |  |  |
| Telangana |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |  |
| Tripura |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |  |  |  |
| Uttar Pradesh |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |  |  |
| Uttarakhand |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| West Bengal |  |  |  |  |  | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |

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| **Table S4: Soil Health Card cut-off points for defining nutrient inadequacy** | | | | | | | |
| **Category** | **Indicator** | **Deficiency Cut point** |  |  |  |  |  |
|  |  |  | *Very Low* | *Low* | *Medium* | *High* | *Very High* |
| **Major nutrients** | Organic Carbon | <0.5% | <0.25 | 0.25-0.5 | 0.5-0.75 | 7.5-1.0 | >1.0 |
|  | Phosphorous | <11 kg/ha | <5 | 5 -10. | 10- 25. | 25-40 | >40 |
|  | Potassium | <120kg/ha | <60 | 60-120 | 120-280 | 280-560 | >560 |
|  | Nitrogen | <280kg/ha | <140 | 140-280 | 280-560 | 560-700 | >700 |
|  |  |  |  |  |  |  |  |
| **Secondary nutrients** | Sulphur | 10ppm |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Micronutrients** | Zinc | 0.6ppm |  |  |  |  |  |
|  | Manganese | 2.5ppm |  |  |  |  |  |
|  | Copper | 0.2ppm |  |  |  |  |  |
|  | Boron | 0.5ppm |  |  |  |  |  |
|  | Iron | 4.5ppm |  |  |  |  |  |

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| **Table S5: Links to Data Sources** | | | |
| **Domain** | **Dataset** | **Nodal Ministry** | **Links to Data** |
| **Production** | Area, Production, and Yield statistics | Ministry of Agriculture, using revenue records in land-record sates | https://www.aps.dac.gov.in/APY/Index.htm; http://nhb.gov.in/Statistics.aspx?enc=WkegdyuHokljEtehnJoq0KWLU79sOQCy+W4MfOk01GFOWQSEvtp9tNHHoiv3p49g; |
|  | Agricultural census | Ministry of Agriculture, using revenue records in land-record sates | http://agcensus.nic.in |
|  | Input Survey | Ministry of Agriculture and Farmers Welfare | http://inputsurvey.dacnet.nic.in/ |
|  | Livestock census | Ministry of Fisheries, Animal Husbandry, and Dairying | https://dahd.nic.in/about-us/divisions/statistics |
|  | Basic Animal Husbandry Statistics (Integrated Sample Survey) | Ministry of Fisheries, Animal Husbandry, and Dairying | https://dahd.nic.in/Division/statistics/animal-husbandry-statistics-division |
|  | NSSO land and livestock survey | Ministry of Statistics and Programme Implementation | http://mospi.nic.in/sites/default/files/national\_data\_bank/ndb-rpts.htm; http://mospi.nic.in/sites/default/files/national\_data\_bank/ndb-rpts-70.htm; http://microdata.gov.in/ |
|  | Fertilizers and pesticides | Ministry of Chemicals and Fertilizers | https://fert.nic.in/publication-reports/fertilizers-scenario; https://chemicals.nic.in/document-report/reports; http://ppqs.gov.in/statistical-database |
| **Natural resources** | Land Use Statistics | Ministry of Agriculture and Farmers Welfare | https://www.aps.dac.gov.in/LUS/Index.htm |
|  | Groundwater | Ministry of Jal Shakti | https://indiawris.gov.in/wris/; http://cgwb.gov.in/GW-data-access.html; http://cgwb.gov.in/Dynamic-GW-Resources.html |
|  | Soil Health Card | Ministry of Agriculture and Farmers Welfare | https://soilhealth.dac.gov.in/NewHomePage/StateWiseNPKChart |
| **Socio-economic status** | NSSO Situational Assessment | Ministry of Statistics and Programme Implementation | http://microdata.gov.in/; http://mospi.nic.in/sites/default/files/national\_data\_bank/ndb-rpts-70.htm; http://mospi.nic.in/sites/default/files/national\_data\_bank/ndb-rpts.htm |
|  | Cost of Cultivation | Ministry of Agriculture and Farmers Welfare | https://cacp.dacnet.nic.in/ |