

Crop Harvest Time, Major Indian States, Soil Types, Yield & Market Price

Fruits

Crop	Harvest Time (days)	Major Indian States	Best Soil Types (from your code)	Avg Yield (t/ha)	Avg Market Price (₹/kg)
Apple	180	Himachal Pradesh; Jammu & Kashmir; Uttarakhand	Loamy; Sandy Loam	10.0	120
Banana	365	Tamil Nadu; Maharashtra; Karnataka; Andhra Pradesh; Kerala	Alluvial; Clay Loam	40.0	30
Mango	120	Uttar Pradesh; Andhra Pradesh; Karnataka; Maharashtra; Gujarat; Telangana; Odisha; Bihar	Alluvial; Clay Loam	10.0	60
Grapes	150	Maharashtra; Karnataka; Andhra Pradesh	Loamy; Sandy Loam	25.0	70
Pomegranate	200	Maharashtra; Karnataka; Gujarat; Telangana	Alluvial; Loamy	15.0	90
Papaya	300	Andhra Pradesh; Maharashtra; Karnataka; West Bengal; Gujarat	Loamy; Sandy Loam	60.0	25
Guava	270	Uttar Pradesh; Bihar; Maharashtra; Gujarat; West Bengal	Alluvial; Loamy	20.0	50
Pineapple	540	Assam; Tripura; West Bengal; Kerala; Karnataka	Sandy Loam; Laterite	25.0	25
Watermelon	90	Maharashtra; Karnataka; Gujarat; Uttar Pradesh; Andhra Pradesh	Sandy Loam; Alluvial	30.0	15
Orange	240	Maharashtra (Nagpur); Madhya Pradesh; Tamil Nadu; Andhra Pradesh	Loamy; Alluvial	20.0	40
Lemon	200	Andhra Pradesh; Maharashtra; Gujarat; Karnataka	Sandy Loam; Loamy	15.0	60
Jackfruit	365	Kerala; Tamil Nadu; West Bengal; Karnataka	Alluvial; Laterite	20.0	30
Lychee	180	Bihar; West Bengal; Uttar Pradesh; Assam	Loamy; Alluvial	8.0	100
Fig	200	Maharashtra; Karnataka; Tamil Nadu	Sandy Loam; Clay Loam	12.0	80
Muskmelon	80	Uttar Pradesh; Karnataka; Punjab; Haryana; Rajasthan	Sandy Loam; Loamy	25.0	20

Vegetables

Crop	Harvest Time (days)	Major Indian States	Best Soil Types (from your code)	Avg Yield (t/ha)	Avg Market Price (₹/kg)
Onion	120	Maharashtra; Karnataka; Gujarat; Madhya Pradesh; Bihar	Sandy Loam; Alluvial	25.0	20
Tomato	90	Andhra Pradesh; Karnataka; Maharashtra; West Bengal; Uttar Pradesh	Loamy; Sandy Loam	30.0	25
Potato	90	Uttar Pradesh; West Bengal; Bihar; Punjab; Gujarat	Sandy Loam; Loamy	25.0	18
Carrot	80	Haryana; Punjab; Uttar Pradesh; Maharashtra	Sandy Loam; Loamy	20.0	25
Brinjal (Eggplant)	110	West Bengal; Andhra Pradesh; Karnataka; Bihar	Loamy; Sandy Loam	25.0	20
Cabbage	90	West Bengal; Bihar; Odisha; Karnataka	Sandy Loam; Clay Loam	35.0	18
Cauliflower	100	West Bengal; Bihar; Uttar Pradesh; Karnataka	Loamy; Sandy Loam	30.0	22
Spinach	50	West Bengal; Maharashtra; Karnataka; Uttar Pradesh	Alluvial; Loamy	15.0	25
Okra (Lady's Finger)	60	Bihar; Uttar Pradesh; Andhra Pradesh; Gujarat	Sandy Loam; Loamy	20.0	30
Cucumber	60	Karnataka; Maharashtra; Gujarat; West Bengal	Sandy Loam; Loamy	20.0	25
Bell Pepper (Capsicum)	80	Karnataka; Maharashtra; Andhra Pradesh	Loamy; Clay Loam	15.0	50
Radish	45	Punjab; Haryana; Uttar Pradesh; West Bengal	Sandy Loam; Alluvial	20.0	18
Beetroot	60	Karnataka; Maharashtra; Gujarat	Loamy; Sandy Loam	18.0	25
Green Beans	60	Karnataka; Maharashtra; Kerala; West Bengal	Loamy; Clay Loam	15.0	40
Pumpkin	100	West Bengal; Odisha; Karnataka; Maharashtra	Sandy Loam; Loamy	20.0	20

Grains

Crop	Harvest Time (days)	Major Indian States	Best Soil Types (from your code)	Avg Yield (t/ha)	Avg Market Price (₹/kg)
Wheat	120	Punjab; Haryana; Uttar Pradesh; Madhya Pradesh; Rajasthan	Alluvial; Black Soil	3.0	25
Rice	120	West Bengal; Uttar Pradesh; Punjab; Andhra Pradesh; Tamil Nadu	Clay; Alluvial	4.0	30
Corn (Maize)	100	Karnataka; Maharashtra; Madhya Pradesh; Andhra Pradesh	Loamy; Alluvial	5.0	22
Barley	110	Rajasthan; Uttar Pradesh; Punjab; Maharashtra	Sandy Loam; Loamy	3.0	20

Pulses

Crop	Harvest Time (days)	Major Indian States	Best Soil Types (from your code)	Avg Yield (t/ha)	Avg Market Price (₹/kg)
Chickpea (Chana)	100	Madhya Pradesh; Rajasthan; Maharashtra; Uttar Pradesh	Black Soil; Sandy Loam	1.5	70
Lentil (Masoor)	95	Madhya Pradesh; Uttar Pradesh; Rajasthan; Bihar	Loamy; Sandy Loam	1.3	80
Black Gram (Urad)	90	Uttar Pradesh; Maharashtra; Rajasthan; Karnataka	Loamy; Clay Loam	1.2	90
Green Gram (Moong)	70	Maharashtra; Rajasthan; Karnataka; Uttar Pradesh	Sandy Loam; Loamy	1.1	100