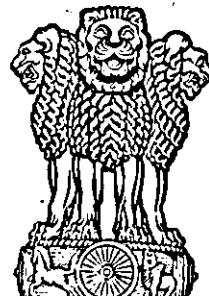


Third Issue)

DIRECTORATE OF ECONOMICS AND STATISTICS
MINISTRY OF FOOD & AGRICULTURE, GOVT. OF INDIA

INDIAN CROP CALENDAR



सत्यमेव जयते

Issued by
Economic and Statistical Adviser
Ministry of Food and Agriculture

1956

(Third Issue)

DIRECTORATE OF ECONOMICS AND STATISTICS
MINISTRY OF FOOD & AGRICULTURE, GOVT. OF INDIA

INDIAN CROP CALENDAR

Issued by
Economic and Statistical Adviser
Ministry of Food and Agriculture

1956

Price Rs. 3/12/- or 6 sh.

First Edition	...	...	September, 1948
Re-printed	...	...	May, 1949
Second (Revised and Enlarged Edition)	...	...	September, 1950
Third (Revised and Enlarged Edition)	...	...	August, 1954

P R E F A C E

This is the Third revised and enlarged edition of the Indian Crop Calender. It presents information relating to the agricultural operations in progress in different States from month to month together with appropriate background regarding soil, rainfall, climatic conditions etc. Information regarding control measures for crop diseases and insect pests has been incorporated in this publication for the first time.

The detailed work involved in the preparation of this publication has been done in the Development Branch of the Directorate of Economics & Statistics. The information included has been drawn from a variety of sources, official as well as non-official.

NEW DELHI,
August, 1954

S. R. SEN,
Economic & Statistical Adviser,
Ministry of Food & Agriculture.

CORRIGENDA

Page	Para/Table	Column/Line	As printed	As desired
(ii)	9.4	10	Areas	Area
(ii)	6.7	22	Indian	India
(do)	6.9	24	Indian	India
5	7	Col.2	Southern, Punjab	Southern Punjab,
12	3.6	1st line(Heading)	36	3.6
15	5.1	Col.4	Feb-June	Feb-March
	Against			
	Tripura			
	Harvest-			
	ing			
17	5.2	Col.2 Line 5 sowing	Mar-Jul	Apr-Jul
18	6.1	Col.1 Line 6	Chin	China
40	7.1	Col.2 Line 17	Black Stem Rush	Black Stem Rust
49	8.1	Col.3 Line 18 Madhya Pradesh	extended	extend.
		Col.5 Line 21	extended	extend
"	8.1	Col.4 Line 26 Madras & Andhra	cuddapath	cuddapah
"	8.1	Col.5 Line 27 Madras & Andhra	also	also
50	8.1	Col.2 Hyderabad	Rice Tabi, (Summer)	Rice Tabi(Summer),
50	8.1	Col.5 Line 9 Rajasthan	Harvesting	Harvesting
51	8.1	Col.5 Line 8 Madras, & Andhra	Guddapah	Cuddapah
51	8.1	Col.4 Line 15 Orissa	Seamum	Sesamum
51	8.1	Col.4 Line 25 Hyderabad	Caster	Castor
51	8.1	Col.5 Line 32 PEPSU	autum	autumn
55	8.1	Col.5 Line 5 Madhya Pradesh	begin	begins
55	8.1	Col.5 Line 26 PEPSU	condiments of	condiments and

-: 2 :-

Page	Para/Table	Column/Line#	As printed	As desired
56	8.1 Punjab	Col.3 Line 31	Sann Hemp	Sann Hemp
57	8.1 PEPSU	Col.3 Line 5	Gigner	Ginger
63	8.1 Rajasthan	Col.3 Line 16	Oilseeds	Rabi Oilseeds
65	8.1 Hyderabad	Col.4 Line 5 from bottom	Whcat	Wheat
82	8.2 Madhya Pradesh	Col.3 Line 2 from bottom	prepared of wheat	prepared for wheat
90	8.2 PEPSU	Col.3 Line 12 & 13	Germina &	Germinating &
94	9.4 Potatoes- Second	Col.3 Line 22	968	96.8
94	9.4 Groundnut.	Col.5 Line 28	440	44.0
94	" "	Col.4 Line 29	83.5	88.5
94	9.4 Cotton	Col.5 Line 37	594	59.4
95	9.5 Ragi	Col.4 Line 12	Bavto	Bavto
"	"	Col.10	Bagi	Ragi
9	9.5 Turmeric	Col.10 Line 6	Belloli	-
"	9.5 Garlic	Col.10 Line 7	Blank	Belloli
"	9.5 Sesamum	Col.7 Line 9	Navvalu	Nuvvulu
"	9.5 Jute	Col.10 Line 2 from bottom	Gidadinara	
"	9.5 Sann Hemp	Col.10 Last.line		Gidadinara

'Paul'

CONTENTS

		<i>Page</i>
1. GENERAL		
1.1 Natural Regions, Sub-Regions and Divisions of India	...	1
1.2 Natural Divisions of States of India	...	3
2. SOILS OF INDIA		
2.1 Types of Soils	...	5
2.2 Classification of Soils of States	...	7
3. CLIMATIC CONDITIONS		
3.1 Main Climatic Seasons in India	...	9
3.2 Normal Seasonal Rainfall in Different Rainfall Divisions of India	...	10
3.3 Classification of Rainfall Divisions of India into Dry, Middle and Wet	...	10
3.4 Actual Seasonal Rainfall in Different Rainfall Divisions of India during 1952-53	...	11
3.5 Approximate Starting and Closing Dates of South West Monsoon Rains	...	11
3.6 Annual Normals of Temperature and Relative Humidity at Selected Centres in India	...	12
4. CROP SEASONS AND ROTATIONS		
4.1 Duration of Climatic Seasons in India	...	13
4.2 Crop Seasons in India	...	13
4.3 Double Cropping in India	...	13
4.4 Important Crop Rotations in India	...	13
4.5 Important Crop Mixtures in India	...	13
4.6 Substitutable Crops in India	...	14
4.7 Seasons and Duration of Principal Crops in India	...	14
4.8 Crops Year	...	14
5. SOWING AND HARVESTING SEASONS OF PRINCIPAL CROPS		
5.1 India—State-wise	...	15
5.2 India—Consolidated	—	17
6. SOWING AND HARVESTING SEASONS OF PRINCIPAL CROPS IN IMPORTANT COUNTRIES		
6.1 Rice	...	18
6.2 Wheat	...	19
6.3 Barley	...	19
6.4 Maize	...	19
6.5 Sugarcane	...	20
6.6 Cotton	...	20
7. CROP DISEASES		
7.1 Important Diseases of Food Crops, their Distribution and some practical methods of Control	...	40
7.2 Insect Pests affecting Food Crops, their Distribution and some practical methods of Control	...	43
7.3 Diseases of Non-Food Crops, their Distribution and some practical methods of Control	...	46
7.4 Insect Pests affecting Non-Food Crops, their Distribution and some practical methods of Control	...	48

	Page
8. CROP CALENDAR	
8.1 Crop Calendar showing Important Agricultural Operations obtaining in States—Monthly	49
8.2 Crop Calendar showing the Different Agricultural Operations for Important Crops—Monthly	67
9. MISCELLANEOUS	
9.1 Relative Importance of States for each Principal Crop	91
9.2 Relative Importance of Principal Crops in each State	92
9.3 Due Dates of All-India Forecasts of Crops	93
9.4 Estimates of Areas as given in Successive Forecasts (revised) expressed as Percentage of the revised Final Estimates	94
9.5 Glossary of English, Botanical and Vernacular Names of Crops	95
 MAP	
M 1 INDIA—Political Divisions	
 CHARTS	
C 1 Rice—Winter—Sowing and Harvesting Seasons in India ...	21
C 2 Rice—Autumn—Sowing and Harvesting Seasons in India ...	22
C 3 Rice—Summer—Sowing and Harvesting Seasons in India ...	23
C 4 Jowar—Sowing and Harvesting Seasons in India ...	24
C 5 Bajra—Sowing and Harvesting Seasons in India ...	25
C 6 Maize—Sowing and Harvesting Seasons in India ...	26
C 7 Ragi—Sowing and Harvesting Seasons in India ...	27
C 8 Wheat—Sowing and Harvesting Seasons in India ...	28
C 9 Barley—Sowing and Harvesting Seasons in India ...	29
C 10 Sugarcane—Sowing and Harvesting Seasons in India ...	30
C 11 Tobacco—Sowing and Harvesting Seasons in India ...	31
C 12 Groundnut—Sowing and Harvesting Seasons in India ...	32
C 13 Castorseed—Sowing and Harvesting Seasons in India ...	33
C 14 Cotton—Sowing and Harvesting Seasons in India ...	34
C 15 Jute—Sowing and Harvesting Seasons in India ...	35
C 16 Sann Hemp—Sowing and Harvesting Seasons in India ...	36
C 17 Rice & Maize—Sowing and Harvesting Seasons in Foreign Countries ...	37
C 18 Wheat & Barley—Sowing and Harvesting Seasons in Foreign Countries ...	38
C 19 Sugarcane and Cotton—Sowing and Harvesting Seasons in Foreign Countries ...	39