

# Sri Lanka - Crop Estimating Survey on Paddy (Maha) - 2003

**Department of Census and Statistics**

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## Identification

### SURVEY ID NUMBER

LKA-DCS-CESP[M]-2003-v1.0

### TITLE

Crop Estimating Survey on Paddy (Maha) - 2003

### COUNTRY

Name	Country code
Sri Lanka	LKA

### STUDY TYPE

Agricultural Survey [ag/oth]

### SERIES INFORMATION

This survey was started in the year 1950. It is conducted covering Yala and Maha seasons with a view to estimate the average yield of paddy and production by District. In a Maha season about 6000 and in a Yala season about 4000 experiments are being conducted for this survey and it is the only source to estimate the country's paddy production. The findings are essential to calculate various important figures such as volume of additional rice requirement of the country to be imported

This survey is carried out in each season of a cultivation year to collect the paddy extent under categories namely;

Asweddumized Extent

Sown Extent

Harvested Extent

Paddy extent is estimated on the basis of complete enumeration of paddy parcels in the county covering both Maha and Yala seasons.

All these variables are being collected through a form known as P1. The extent categories are again classified by type of irrigation namely;

Major Irrigation Schemes

Minor Irrigation Schemes

Rain-fed

### ABSTRACT

Crop estimating survey on paddy which is popularly known as "Crop Cutting Survey" commenced in the year 1950. It is conducted covering Maha and Yala season with a view to estimate the average yield of paddy and production by District. In a Maha season about 6,000 and in a Yala season about 4,000 experiments are being conducted for this survey and it is the only source to estimate the country's paddy production. Policy Planners are benefited by these data in numerous ways for taking the decisions such as volume of additional rice requirement of the country to be imported in time, evaluation of extension programs undertaken to uplift the average yields of paddy, pricing policies of rice, mobilization of stocks from one place to another and many more. Therefore, it is a great responsibility to estimate paddy production accurately and timely to fulfill the national requirement.

Field staff attached to each District has been entrusted with many responsibilities on various data collection activities and among them, method of data collection for crop cutting is different from the other surveys. This survey is associated with an objective approach; as such crop cutting officers should carry out experiments in the field by themselves. According to the standard procedure, the crop cutting officer must visit the selected paddy field and they should follow a number of steps such as; demarcate the specified plot of land equivalent to 16' ½" X 16' 1/2" (a paddy land of one perch of an acre), harvest the crop of the plot, thresh the grain, measure the grain using standard set of seers and finally report the results through the prescribed form CC3.

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Concepts, Definitions and Classifications associated with Crop Estimation of Paddy Survey

Seasons - In Sri Lanka there are two major cultivation seasons associated with two monsoons and they are known as Maha season and Yala Season.

Maha Season is the main season associated with North-east monsoons effective during September - April in the following year. When a particular crop is planted and harvested during this period is known to be Maha Crop.

Yala season is the secondary season which is associated with South-west monsoons effective during the period between May to September. When a particular crop is planted and harvested during this period is known to be Yala Crop.

#### Mode of Irrigation

There are three type of irrigations related with paddy cultivation. They are (1). Major Irrigation schemes (2). Minor Irrigation schemes (3). Rain-fed schemes.

Major Irrigation schemes defined to be an irrigated scheme of which water is fed to more than 200 acres otherwise it defines as a Minor Irrigation scheme.

Rain-fed is defined, if the cultivated extent is purely depending on rain water in absence of permanent water tank or reservoir.

Volume of Production is reported in Metric Tons.

Average Yield per acre or Hectare: An Indicator of productivity per area unit (2.471 acres = 1 hectare while 1 hectare is equal to 1,000 square meters) estimated through crop cutting survey. Average yield per acre is reported in Bushels while per hectare is reported in Kgs.

Average yield is expressed in terms of Paddy (grain with the husk form but not in Rice form)

Area Harvested refers to the gross area of which the harvest is gathered excluding the area damaged due to different causes.

Gross Area refers to the extent of which reported by enumerators or respondents based on cultivated extent estimated by seed rates but not based on cadastral surveys while Net Area refers to the extent evolved by deducting the extent set a part for bunds and ridges.

Production for a year should consider to be the sum of the production of Maha season and Yala season. For instance the production of the year 2005 is to be the sum of 2004/05 Maha season and Yala season of 2005.

#### KIND OF DATA

Sample survey data [ssd]

#### UNIT OF ANALYSIS

Paddy land Parcel 16 1/2" X 16 1/2", Where smaller experimental plot sizes are used in terraced fields.

## Version

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#### VERSION DESCRIPTION

V1.0: Full edited dataset, original version for internal DPD Use

#### VERSION DATE

2008-12-03

## Scope

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#### NOTES

Geographical information

Paddy parcel information

System of tenure

Method of preparation of land

Variety of seed

Method of sowing

Application of Fertilizer  
Weeding  
Insects/Fungus control  
Adverse affects on crop  
Yield

## TOPICS

Topic	Vocabulary	URI
agricultural, forestry and rural industry [2.1]	CESSDA	<a href="#">Link</a>

## Coverage

## GEOGRAPHIC COVERAGE

National Coverage

## UNIVERSE

The survey covered a random sample from all the paddy lands in Sri Lanka

## Producers and sponsors

## PRIMARY INVESTIGATORS

Name	Affiliation
Department of Census and Statistics	Ministry of Finance and Planning

## FUNDING AGENCY/SPONSOR

Name	Abbreviation
Government of Sri Lanka	GOSL

## Sampling

## SAMPLING PROCEDURE

Sampling Design: The sampling design adopted in the survey is a stratified multistage sampling method where DS Divisions were treated as strata and mode of irrigation schemes namely; Major, Minor, and Rain-fed as sub strata. Number of villages to be selected for crop cutting experiments in each scheme is decided on the basis of the following proportions.

Acreage sown in the previous corresponding season Number of villages to be selected

< 500 Acres 3

500 - <1000 Acres 5

1000 - < 5000 Acres 10

5000 - < 10,000 Acres 15

10,000 - < 15,000 Acres 20

15,000 - < 20,000 Acres 25

20,000 Acres and above 30

Though the recommended design is such, considering the sampling variances occurred during the previous seasons, the number of experimental villages to be selected is being curtailed in order to keep the number of villages within a range of 3,000 for a Maha season and 2,000 for a Yala season in a year. Other reasons for such restrictions were related to practical aspects like cost of the survey and number of personnel that could be deployed to carry out crop cuttings.

In each selected village two crop cutting experiments are conducted. At present the sample villages and the parcels are selected at random. However, prior to 1980, selection of villages as well as parcels was done at random with probability proportional to the area cultivated during the previous corresponding season with replacement. As the procedure was somewhat laborious and time consuming, it was replaced with the present system i.e. both stages at random. Sample

villages are selected in the head office while the selections of parcels are done at the respective Districts.

Controlling of Non-sampling Errors: In view of the accuracy of the experimental results, a sample of 1/5 of selected villages are to be supervised by executive officers/District Heads identified from the District such as DS/GA, Divisional Secretary, Director/Deputy Director of Agriculture, Deputy Commissioners of Agrarian Development in addition to the Senior Staff of DCS attached to the District. Spot checks are to be performed by them by visiting the sample villages.

## Data Collection

### DATES OF DATA COLLECTION

Start	End	Cycle
2002-10-01	2003-04-30	Maha

### DATA COLLECTION MODE

Face-to-face [f2f]

### SUPERVISION

"Agricultural Research and Production Assistants (ARPO) earlier known as "Govi Sevana Niyamakas" of Agrarian Development Department attached to Agrarian Service Centers do play the role of "Primary Reporters" to report the extent in P1 form which is parcel-wise enumeration of all paddy growing parcels.

They list out the area Asweddumized, Sown and Harvested in Maha and Yala seasons at village/Yaya, Tract/Kandam in the prescribed form. Here the "paddy parcel" is defined to be piece/plot of land cultivated by one individual farmer or group of farmers jointly surrounded by another paddy parcel cultivated by another individual farmer or group of farmers or any land cultivated with crops other than paddy or uncultivated land such as road, stream etc.

The paddy extent thus enumerated is summarized by Village/Yaya/Tract/Kandam and transferred to the form known as P2 which gives the aggregate extent under paddy by above categories and by irrigation modes at GN division level and by DS level. This form is prepared by the Range Statistical Officer attached to a particular DS. During the Yala season the sown and harvested extents are recorded while asweddumized extent is updated, only if there occurs a change.

However, it is to be noted that the Districts where ARPOs are not appointed, Grama Niladaris (GNN) are still acting as primary reporters for the collection of paddy statistics as well as other agricultural statistics. This is specifically true for Northern and Eastern Provinces.

The aggregate extent prepared for DS level leads to the compilation of paddy extent at various higher levels such as District and All Island Level. It is important to note that the extent reported/listed in the P1 form is the "Gross Extent" since the extent of most of the paddy parcels are not based on any cadastral survey or measures, but reported extent are based on seed rates or traditional measurement or guesstimates as per the knowledge of respective farmers. This gross extent is ultimately converted to net-extent by applying correction factors which were determined at District level through a land measurement survey carried out by means of a sample of paddy parcels with the assistance of the Survey General Department in 1970s.

The list prepared by the primary reporters in the P1 form acts as the basis for the selection of sample of paddy parcels while the list of paddy growing villages compiled in the P2 form acts the basis to select villages for the National Crop Cutting Survey on Paddy conducted by the Agriculture and Environment Statistics Division of DCS.

### DATA COLLECTION NOTES

Crop Cutting Officers: Once the list of villages are transmitted to the Statistics Branch of the respective District, the Head of the Division Deputy Director/Senior Statistician/Statistician has to identify the crop cutting officers who are to be suitable for conducting these experiments in the selected villages. Guideline is to choose them preferably out of the field officers attached to the respective DS Divisions who are related to the discipline of agriculture such as Agricultural Officers/Agricultural Instructors of the Ministry of Agriculture, Divisional Officers of Department of Agrarian Development, Colonization Officers, etc. in addition to the Range Statistical Officers of DCS. Range Statistical Officers should undertake at least three experiments in his range. The direction is to discuss this matter in the District Agriculture Committee Meeting (DAC) held once in a month chaired by District Secretary/Government Agent and then assign the villages in concurrence with the DS/GA

The Statistical officer (SO) or the Agriculture Instructor (AI) in the area visits the selected paddy land along with the farmer

and cuts the crop in the demarcated area. The crop is measured in Seers then and there and the yield is recorded. Then in the same way yield for the other parcel is recorded. The crop collected for measuring is returned to the farmer. In addition to the yield recorded in this manner, other relevant information requested in the form C.C.3 has to be collected .

Ancillary Information: When crop cuttings are done in the field, in addition to sample fields selected for crop cuttings, an extra set of sample (four parcels) fields are selected to collect ancillary information related to the paddy crop viz. usage inputs, system of tenure, variety of seed, etc. Along with the final estimates on production and average yield the estimated extent related to the above characteristics are being disseminated.

## DATA COLLECTORS

# Questionnaires

## QUESTIONNAIRES

The questionnaire is Form C.C.3 printed in Sinhala/English and Tamil/English languages. It has three parts.

Part I is about the geographical and Paddy land parcel information.

Part II includes System of tenure, Method of preparation of land, Variety of seed, Method of sowing, Application of Fertilizer, Weeding, Insecticides, Fungicides, Adverse affects on crop.

Part III Collects yield information.

In the questionnaire the above information is recorded for two parcels selected for the survey. The same Form C.C.3 is used to collect data for both Yala and Maha seasons. Maha Season falls during "North-east monsoon" from September to April in the following year. Yala season is effective during the period from May to end of August.

# Data Appraisal

## ESTIMATES OF SAMPLING ERROR

Formulae needed to calculate Avg. Yield & Variance for a given Stratum is available in the External Resource Section.

# Access policy

## CONTACTS

Name	Affiliation	Email	URL
Director General	Department of Census and Statistics	dgcensus@slt.gov.lk	<a href="#">Link</a>
Director	Department of Census and Statistics	agriculture@sltnet.lk	<a href="#">Link</a>
Information Unit	Department of Census and Statistics	information@statistics.gov.lk	<a href="#">Link</a>

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Under the Statistical ordinance, micro data cannot be released with identifications for public use. Procedures are in place to ensure that information relating to any particular individual person, household or undertaking will be kept strictly confidential and will not be divulged to external parties. Information on individual or individual Household/establishment will not be divulged or published in such a form that will facilitate the identification of any particular person or establishment as the data have been collected under the Census/Statistical ordinance, according to which the information at individual level cannot be divulged and such information is strictly confidential.

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- Requests for micro data should be made through the agreement form designed by DCS for this purpose (Form D.R.1). The agreement form should be filled in triplicate and the Study/project proposal should accompany the filled agreement form. If requests are made for the micro data of more than one survey, a separate agreement should be signed.
- If the data request is from a student a letter from the respective Dept. Head/Dean/Supervisor, recommending the issue of data, should also be accompanied.
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- The draft report of the Study/Analysis should be submitted to the DCS and the concurrence of the DG of the DCS, should be obtained before publishing it. Once published, a copy of the final report should be submitted to the DCS.

[Department : The Department of Census and Statistics (DCS)]

Source : [http://www.statistics.gov.lk/databases/data\\_dissemination/DataDissaPolicy\\_2007Oct26.pdf](http://www.statistics.gov.lk/databases/data_dissemination/DataDissaPolicy_2007Oct26.pdf)

#### CITATION REQUIREMENTS

Department of Census and Statistics, Crop Estimation Survey on Paddy [Maha] 2003, Version 1.0 of the internal use dataset December 2008, provided by the National Data Archive, Data Processing Division, [www.statistics.gov.lk](http://www.statistics.gov.lk)

#### ACCESS AUTHORITY

Name	Affiliation	Email	URL
Director General	Department of Census and Statistics	directorgeneral@slt.gov.lk	<a href="#">Link</a>

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## Metadata production

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DDI DOCUMENT ID

DDI-LKA-DCS-CESP[M]-2003-v1.0

PRODUCERS

Name	Abbreviation	Affiliation	Role
Department of Census and Statistics	DCS	Ministry Of Finance and Planning	Conducting the survey

DATE OF METADATA PRODUCTION

2008-12-03

DDI DOCUMENT VERSION

Version 1.0 (2008)



**Data Dictionary**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>2002_2003maha</b>	11829	27



**Data file: 2002\_2003maha**

Cases: 11829

Variables: 27

**Variables**

ID	Name	Label	Question
V85	sea	Season	
V86	yr	Year	
V87	dist	District	
V88	aga	AGA Division	
V89	irr	Irrigation Type	
V90	vil	Village	
V91	ld	Parcel No	
V92	a	Extent Sown - Acres	
V93	r	Extent Sown - Rood	
V94	p	Extent Sown - Perches	
V95	lid	No of Liyaddas in Parcel	
V96	len	Liyadda Length	
V97	bre	Liyadda breadth	
V98	ten	System of Tenure	
V99	pre	Preparation of Land	
V100	ver	Variety	
V101	sow	Sowing Method	
V102	fer	Fertilizer Application	
V103	che	Chemical Fert. if Applied (KG)	
V104	org	Organic Fertilizer if Applied (KG)	
V105	wee	Weeding	
V106	inc	Insecticides	
V107	fun	Fungicides	
V108	dam	Adverse affects to Crop	
V109	yld	Yield	
V110	recn	Record Number	
V111	sn	Serial Number	

Total: 27



**SEA: Season****Data file:** 2002\_2003maha**Overview**

Valid: 11829    Invalid: 0  
 Type: Discrete    Width: 1    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
m		11829	100%

**YR: Year****Data file:** 2002\_2003maha**Overview**

Valid: 11829    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 2    Range: 2 - 27    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2		6	0.1%
3		11820	99.9%
13		2	0%
27		1	0%

**DIST: District****Data file:** 2002\_2003maha**Overview**

Valid: 11829    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 27    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		223	1.9%
2		348	2.9%

3		588	5%
4		432	3.7%
5		637	5.4%
6		557	4.7%
7		422	3.6%
8		1602	13.5%
9		546	4.6%
10		766	6.5%
11		323	2.7%
12		204	1.7%
13		682	5.8%
14		495	4.2%
15		303	2.6%
16		30	0.3%
17		45	0.4%
19		44	0.4%
20		987	8.3%
21		635	5.4%
22		45	0.4%
23		373	3.2%
24		506	4.3%
25		502	4.2%
26		307	2.6%
27		227	1.9%

## AGA: AGA Division

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0 Minimum: 1 Maximum: 30 Mean: 8.067 Standard deviation: 6.019  
 Type: Continuous Decimal: 0 Width: 2 Range: 1 - 30 Format: Numeric

## IRR: Irrigation Type

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		4142	35%
2		3714	31.4%
3		3973	33.6%

### VIL: Village

Data file: 2002\_2003maha

#### Overview

Valid: 11829 Invalid: 0 Minimum: 0 Maximum: 78 Mean: 4.665 Standard deviation: 6.479  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 78 Format: Numeric

### LD: Parcel No

Data file: 2002\_2003maha

#### Overview

Valid: 11829 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		4	0%
1		5986	50.6%
2		5839	49.4%

### A: Extent Sown - Acres

Data file: 2002\_2003maha

#### Overview

Valid: 11829 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 22 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		5793	49%
1		3074	26%
2		1925	16.3%
3		642	5.4%
4		127	1.1%
5		131	1.1%
6		47	0.4%
7		11	0.1%
8		19	0.2%
9		5	0%
10		31	0.3%
11		4	0%
12		4	0%
13		1	0%
14		1	0%
15		1	0%
19		1	0%
20		11	0.1%
22		1	0%

## R: Extent Sown - Rood

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 7 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		4535	38.3%
1		2152	18.2%
2		4023	34%
3		1110	9.4%
4		4	0%
5		2	0%
6		2	0%



7		1	0%
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## P: Extent Sown - Perches

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0 Minimum: 0 Maximum: 70 Mean: 3.607 Standard deviation: 8.434

Type: Continuous Decimal: 0 Width: 2 Range: 0 - 70 Format: Numeric

## VER: Variety

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		32	0.3%
1		11579	97.9%
2		122	1%
3		96	0.8%

## SOW: Sowing Method

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		33	0.3%
1		10020	84.7%
2		326	2.8%
3		1443	12.2%

4		7	0.1%
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## FER: Fertilizer Application

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		36	0.3%
1		9408	79.5%
2		118	1%
3		1947	16.5%
4		320	2.7%

## CHE: Chemical Fert. if Applied (KG)

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0 Minimum: 0 Maximum: 5000 Mean: 270.805 Standard deviation: 306.966  
Type: Continuous Decimal: 0 Width: 4 Range: 0 - 5000 Format: Numeric

## ORG: Organic Fertilizer if Applied (KG)

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0 Minimum: 0 Maximum: 9999 Mean: 237.701 Standard deviation: 883.318  
Type: Continuous Decimal: 0 Width: 4 Range: 0 - 9999 Format: Numeric

## LID: No of Liyaddas in Parcel

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0 Minimum: 0 Maximum: 174 Mean: 5.527 Standard deviation: 14.67  
Type: Continuous Decimal: 0 Width: 3 Range: 0 - 174 Format: Numeric

**LEN: Liyadda Length****Data file:** 2002\_2003maha**Overview**

Valid: 11829   Invalid: 0   Minimum: 0   Maximum: 504   Mean: 3.784   Standard deviation: 17.021  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 504   Format: Numeric

**BRE: Liyadda bredth****Data file:** 2002\_2003maha**Overview**

Valid: 11829   Invalid: 0   Minimum: 0   Maximum: 704   Mean: 2.22   Standard deviation: 11.44  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 704   Format: Numeric

**TEN: System of Tenure****Data file:** 2002\_2003maha**Overview**

Valid: 11829   Invalid: 0  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		42	0.4%
1		8529	72.1%
2		918	7.8%
3		2023	17.1%
4		317	2.7%

**PRE: Preparation of Land****Data file:** 2002\_2003maha**Overview**

Valid: 11829   Invalid: 0  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 7   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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0		35	0.3%
1		8206	69.4%
2		1761	14.9%
3		313	2.6%
4		1337	11.3%
5		33	0.3%
6		124	1%
7		20	0.2%

## WEE: Weeding

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		55	0.5%
1		2401	20.3%
2		8177	69.1%
3		287	2.4%
4		909	7.7%

## INC: Insecticides

Data file: 2002\_2003maha

### Overview

Valid: 11829 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		61	0.5%
1		8002	67.6%
2		3766	31.8%

**FUN: Fungicides****Data file: 2002\_2003maha****Overview**

Valid: 11829    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		178	1.5%
1		2892	24.4%
2		8759	74%

**DAM: Adverse affects to Crop****Data file: 2002\_2003maha****Overview**

Valid: 11829    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 7    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		308	2.6%
1		17	0.1%
2		32	0.3%
3		25	0.2%
4		18	0.2%
5		7	0.1%
6		8363	70.7%
7		3059	25.9%

**YLD: Yield****Data file: 2002\_2003maha**

**Overview**

Valid: 11829    Invalid: 0    Minimum: 0    Maximum: 70.62    Mean: 6.571    Standard deviation: 9.131  
 Type: Continuous    Decimal: 2    Width: 5    Range: 0 - 70.62    Format: Numeric

---

**■ RECN: Record Number**

**Data file:** 2002\_2003maha

**Overview**

Valid: 11829    Invalid: 0    Minimum: 0    Maximum: 9282    Mean: 162.751    Standard deviation: 181.314  
 Type: Continuous    Decimal: 0    Width: 4    Range: 0 - 9282    Format: Numeric

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**■ SN: Serial Number**

**Data file:** 2002\_2003maha

**Overview**

Valid: 1    Invalid: 0  
 Type: Discrete    Width: 5    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
m0325		1	100%

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## Download related resources

### Questionnaires

#### Crop Estimation Survey on Paddy - Survey Schedule

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Title Crop Estimation Survey on Paddy - Survey Schedule  
 Filename CC3.pdf

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### Technical documents

#### Formulae to Calculate Avg. Yield & Variance for a given Stratum

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Title Formulae to Calculate Avg. Yield & Variance for a given Stratum  
 Filename Formulae to Calculate Avg. Yield & Variance for a given Stratum.doc

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### Other materials

#### Crop Estimation Survey on Paddy 2006 - Preliminary Cultivator Information Collecting Form

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Title Crop Estimation Survey on Paddy 2006 - Preliminary Cultivator Information Collecting Form  
 Filename CC1.pdf

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#### Crop Estimation Survey on Paddy - Cultivators Selected for Survey

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Title Crop Estimation Survey on Paddy - Cultivators Selected for Survey  
 Filename CC2.pdf

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#### Crop Estimation Survey on Paddy - Quality Checking Report

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Title Crop Estimation Survey on Paddy - Quality Checking Report  
 Filename CC4.pdf

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#### Study Documentation of CESP(M)03 Project

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Title Study Documentation of CESP(M)03 Project  
 Filename Study Documentation of CESP(M)03 Project.pdf

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#### Time series data of Extent, Yield and Production 77-08

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Title Time series data of Extent, Yield and Production 77-08  
 Filename Time Series Data of Extent, Yield, Production 77-08.xls

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#### Time Series of Sown, Harvested, Yield, Production - Maha 1970-2008

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Title Time Series of Sown, Harvested, Yield, Production - Maha 1970-2008

Filename Time Series of Sown, Harvested, Yield, Production - Maha 1970-2008.xls

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## **District Codes List for Crop Estimation Survey of Paddy**

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Title District Codes List for Crop Estimation Survey of Paddy

Filename District Codes List.xls

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