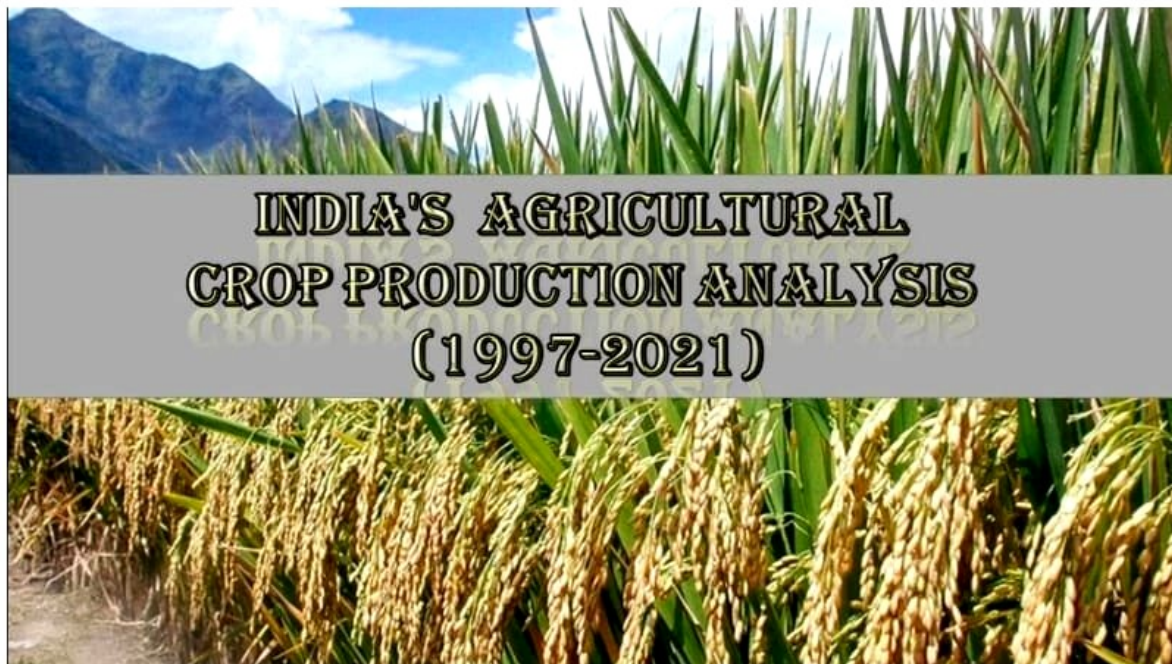


BACHELOR OF SCIENCE

IN

MATHEMATICS



DEPARTMENT OF MATHEMATICS

NAMAKKAL KAVIGNAR RAMALINGAM GOVERNMENT

ARTS COLLEGE FOR WOMEN

NAMAKKAL-637001

PERIYAR UNIVERSITY

SALEM-11

October 2023

INDIA'S AGRICULTURAL CROP PRODUCTION

ANALYZING (1997-2021)

Submitted by

S. Deepika

P. Nisha

R. Santhiya

N. Vanmathi

Guided by

Mrs. P. Manjula

Data Analytics

India Agriculture Crop ...

Search

Tables

- Area Units
- Crop
- Crop (Group)
- District
- Production Units
- Season
- State
- Year
- Measure Names
- Area
- Production
- Region
- Yield
- zero
- Zero
- India Agriculture Crop P...
- Latitude (generated)
- Longitude (generated)
- Measure Values

Parameters

Parameter 1

Pages

India Agriculture Crop ...

Filters

Year

Marks

Bar

Colour

Size

Label

Detail

Tooltip

SUM(Area)

SUM(Area)

Columns

Rows

State

State

Jammu and Kashmir	18,888,028
Jharkhand	30,435,527
Karnataka	257,907,399
Kerala	36,391,060
Ladakh	273
Madhya Pradesh	492,087,994
Maharashtra	461,939,552
Manipur	5,727,639
Meghalaya	5,178,776
Mizoram	1,542,541
Nagaland	8,426,732
Odisha	124,646,660
Puducherry	653,541
Punjab	162,040,200
Rajasthan	486,453,365
Sikkim	1,759,399
Tamil Nadu	110,373,866
Telangana	39,814,489
Tripura	6,278,528
Uttar Pradesh	542,672,635
Uttarakhand	22,471,891
West Bengal	237,682,265

State wise Agricultural land

SUM(Area)

273

543M

Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Sheet 10 Dashboard 1 Dashboard 2 Dashboard 3 Story 1

36 rows by 1 column SUM(Area): 4,030,580,636

Type here to search

Navigation icons: Home, Back, Forward, Refresh, Print, Export, Show Me, etc.

ENG 17-10-2023

02:34 PM

Data Analytics

India Agriculture Crop ...

Search

Tables

- Area Units
- Crop
- Crop (group)
- District
- Production Units
- Season
- State
- Year
- Measure Names
- Area
- Production
- Region
- Yield
- zero
- Zero
- India Agriculture Crop P...
- Latitude (generated)
- Longitude (generated)
- Measure Values
- Parameters
- Parameter 1

Pages

Sheet 1

Filters

Season

Marks

all Automatic

Colour

Size

Label

Detail

Tooltip

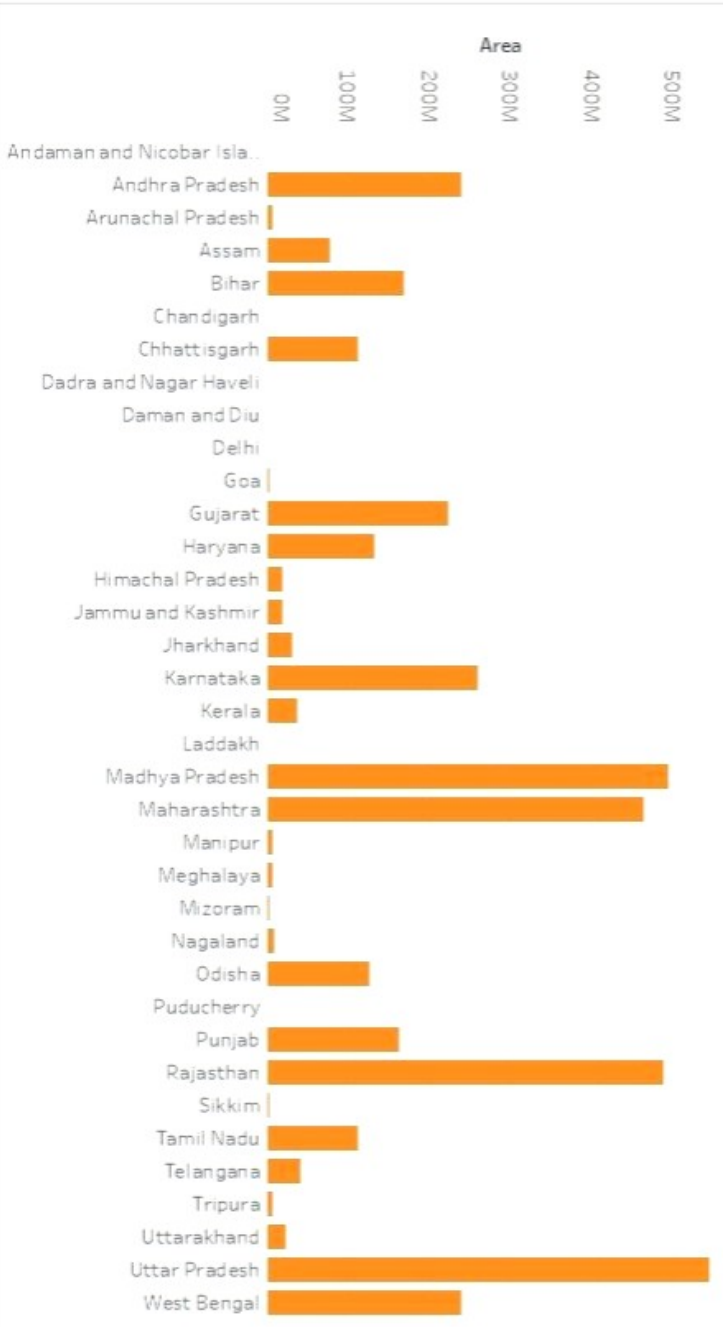
SUM(Product...

Columns

State

SUM(Area)

Area vs Production



Season

- (All)
- Autumn
- Kharif
- nan
- Rabi
- Summer
- Whole Year
- Winter

Data Source

36 marks

1 row by 36 columns

SUM(Area): 4,030,580.636

Type here to search



Data Analytics

India Agriculture Crop ...

Pages

Columns

Crop

SUM(Area)

Standard

Rows

Visualizations

Table

Connections

Relationships

Columns

Rows

Columns

Rows

Columns

Rows

Columns

Rows

Columns

Rows

Columns

Rows

Search

Tables

Area Units

Crop (group)

District

Production Units

Season

State

Year

Measure Names

Area

Production

Region

Yield

zero

Zero

India Agriculture Crop P...

Latitude (generated)

Longitude (generated)

Measure Values

Parameters

Parameter 1

Data Source

Sheet 1

Sheet 2

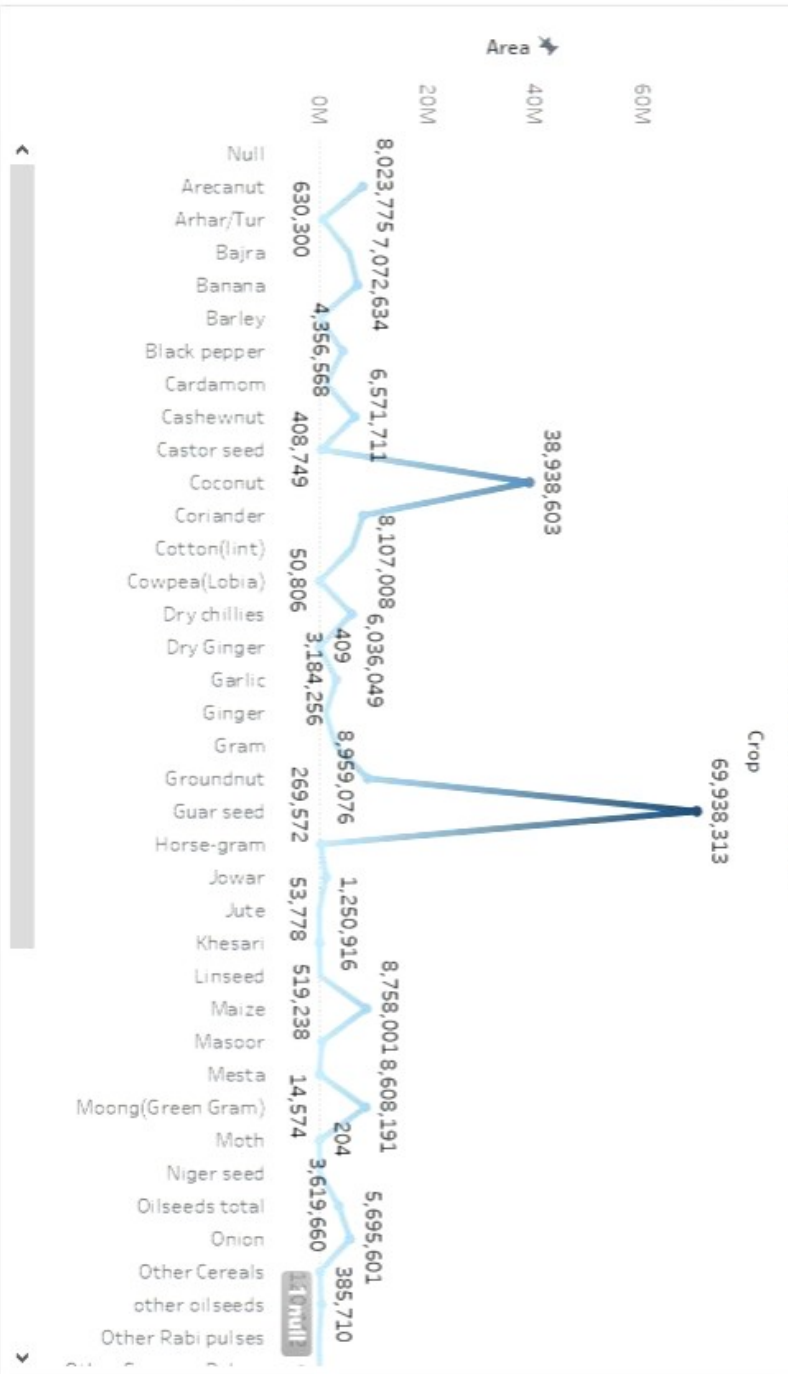
Sheet 3

Sheet 4

Sheet 5

Sheet 6

Season Based Cultivation



1 row by 56 columns

SUM(Area): 400,291,366

ENG

17-10-2023

02:34 PM

Show Me

Data Analytics

India Agriculture Crop ...

Search

Tables

- Area Units
- Crop
- Crop (group)
- District
- Production Units
- Season
- Slate
- Year
- Measure Names
- Area
- Production
- Region
- Yield
- zero
- Zero
- India Agriculture Crop P...
- Latitude (generated)
- Longitude (generated)
- Measure Values
- Parameters
- Parameter 1

Pages

Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Sheet 10 Dashboard 1 Dashboard 2 Dashboard 3 Story 1

Filters

Season

Marks

- All
- SUM(Zero)
- SUM(Zero) (2)
- Pie

Colour Size Label

Detail Tooltip Angle

Season SUM(Producti..)

Columns

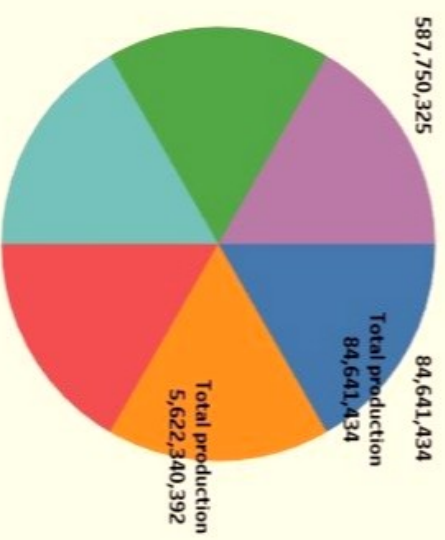
Rows

SUM(Zero)

SUM(Zero)

Fit Width

Season wise Production



- Autumn
- Kharif
- nan
- Rabi
- Summer
- Winter

Type here to search

Navigation icons: Home, Back, Forward, Refresh, Save, Print, Export, Show Me, etc.

Default Phone

Device Preview

Size

Desktop Browser (1000x750)

Sheets

- Sheet 1
- Sheet 2
- Sheet 3
- Sheet 4
- Sheet 5
- Sheet 6
- Sheet 7
- Sheet 8
- Sheet 9
- Sheet 10

Objects

- Horizontal Container
- Vertical Container
- Text
- Extension
- Ask Data
- Data Story
- Image
- Blank
- Workflow
- Web Page

Data Source

Sheet 1

Sheet 2

Sheet 3

Sheet 4

Sheet 5

Sheet 6

Sheet 7

Sheet 8

Sheet 9

Sheet 10

Dashboard 1

Dashboard 2

Dashboard 3

Story 1

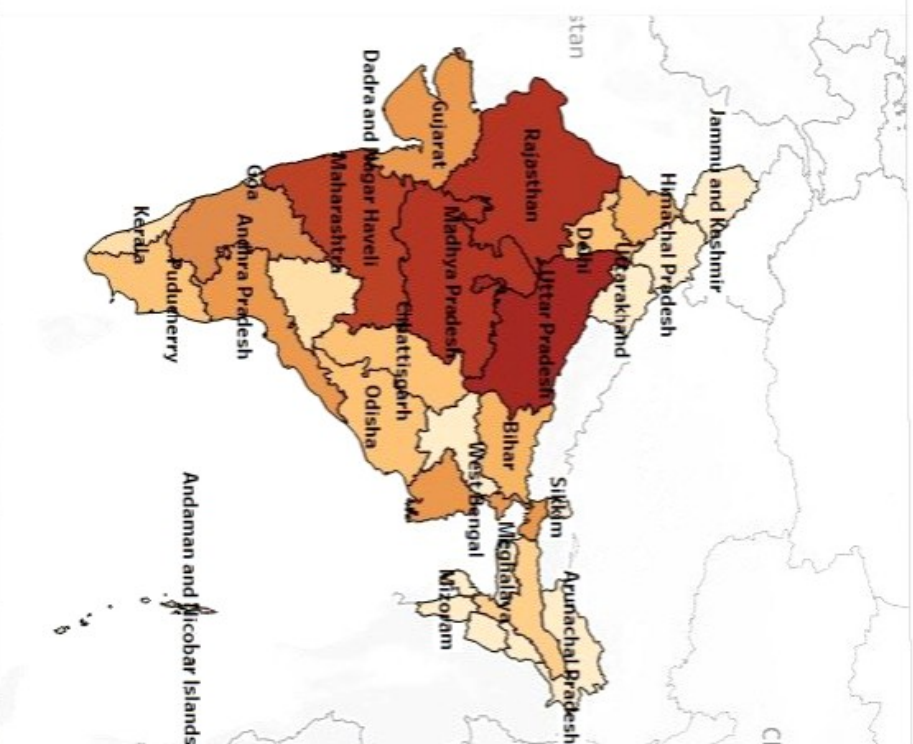
Story 2

Story 3

Story 4

Story 5

Type here to search



Assam	5,725,531
Bihar	77,342,600
Chhattisgarh	167,995,431
Chhattisgarh	17,960
Dadra and Nagar Haveli	110,536,194
Daman and Diu	476,492
Delhi	47,796
Goa	797,903
Gujarat	2,750,901
Haryana	222,434,333
Himachal Pradesh	131,506,994
Jammu and Kashmir	17,810,208
Jharkhand	18,888,028
Karnataka	30,435,527
Kerala	257,907,399
Ladakh	36,391,060
Madhya Pradesh	273
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Manipur	461,939,552
Meghalaya	5,727,639
Mizoram	5,178,776
Nagaland	1,542,541
Odisha	8,426,732
Puducherry	124,646,660
Punjab	653,541
Rajasthan	162,040,200
Rajasthan	486,453,365



Default

Phone

Device Preview

Size

Desktop Browser (100...)

Sheets

- Sheet 1
- Sheet 2
- Sheet 3
- Sheet 4
- Sheet 5
- Sheet 6
- Sheet 7
- Sheet 8
- Sheet 9
- Sheet 10

Objects

- Horizontal Cont...
- Vertical Container
- A Text
- Extension
- Ask Data
- Data Story
- Image
- Blank
- Workflow
- Web Page

Data Source

Sheet 1

Sheet 2

Sheet 3

Sheet 4

Sheet 5

Sheet 6

Sheet 7

Sheet 8

Sheet 9

Sheet 10

Dashboard 1

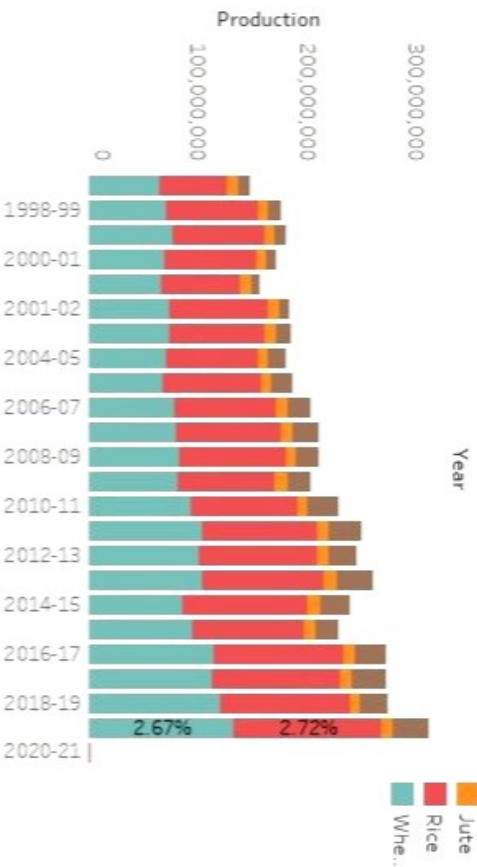
Dashboard 2

Dashboard 3

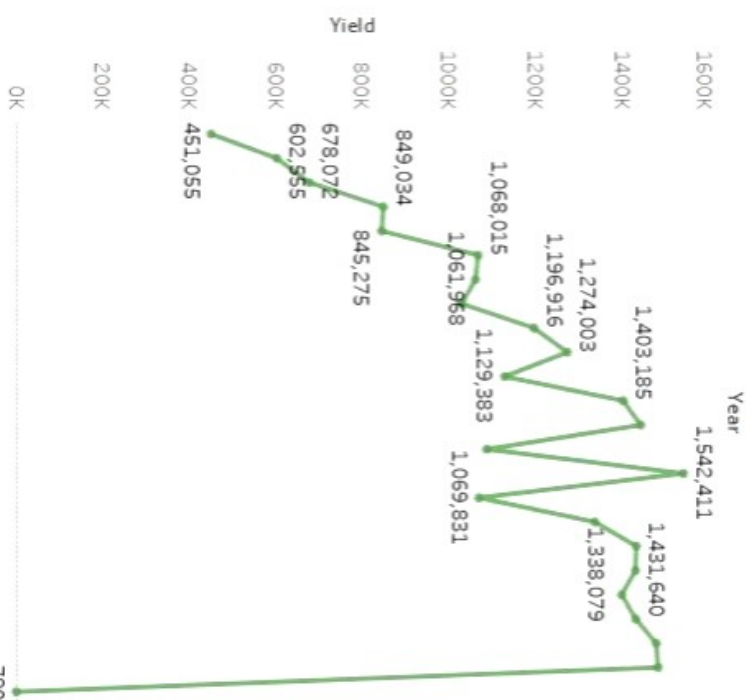
Type here to search



Major Crop Growth by year of yield



Yield by Season



Season wise Production



Data Analytics

India Agriculture Crop ...

Search

Tables

- Area Units
- Crop
- Crop (group)
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- Measure Names
- Area
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- Region
- Yield
- zero
- Zero
- India Agriculture Crop P...
- Latitude (generated)
- Longitude (generated)
- Measure Values
- Parameters
- Parameter1

Pages

Columns

Rows

Filters

Crop

Marks

Circle

Colour

Size

Label

Detail

Tooltip

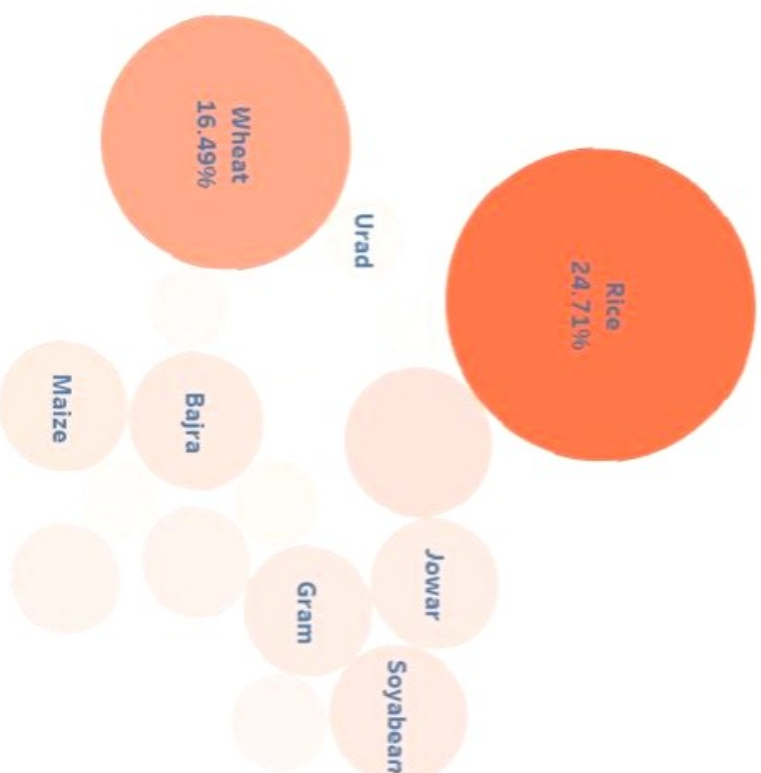
SUM(Area)

SUM(Area)

Crop

SUM(Area)

Crop Plantation by Area



1 null

Highlight Crop

Highlight Crop

SUM(Area)

614 996W