

Vijayawada P01—P17

JECAM
SOAR
2018
Kharif Season

09-06-2018



SM:
34.1%
33.6
34.4

Bare ploughed field

05-07-2018



SM
35.6,
36.0,
36.2

Bare soil (rice harvested and ploughed) with rice stubbles

01-08-2018



Ht: 30cm
Sp.-20x20
Tiller-5
Waterlvl-2cm
PAI:

Transplanted 10 day old

22-08-2018



55cm
Tiller-5-6

14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018

Penamaluru—Chodavaram Rd

P01

P011



P011

P012

P013

P014

P015

09-06-2018

PAI:
2.6
2.4
2.55
Ht:
110
95
105
SM:
45
47



Sugarcane

05-07-2018



Soil Moisture: 24.1, 24.6, 27.3, 30.2

Ht
240cm

PAI
2.9
3.4
3.5

01-08-2018



Ht
265cm
Sp. 100x20

PAI

Kasaraneni Vari Palem

P02

P021

22-08-2018



Ht
275cm

14-09-2018



08-10-2018



02-11-2018

25-11-2018



19-12-2018



09-06-2018



SM:
38.1%
38.6
37.4

Bare ploughed field

05-07-2018



45cm

PAI
1.9
2.3

Dhaincha Crop (*Sesbania aculeata*)
SM: 26.6, 32.7, 30.7, 36.8

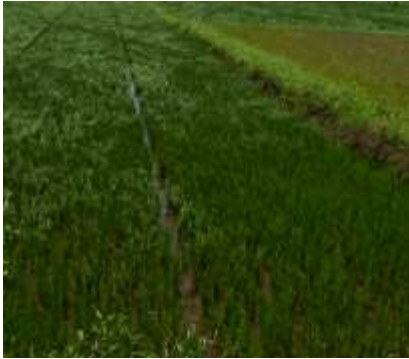
01-08-2018



Ht: 30cm
Sp.-20x20
Tiller-5
Waterlvl-2cm
PAI:

Transplanted rice 15 day old

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018

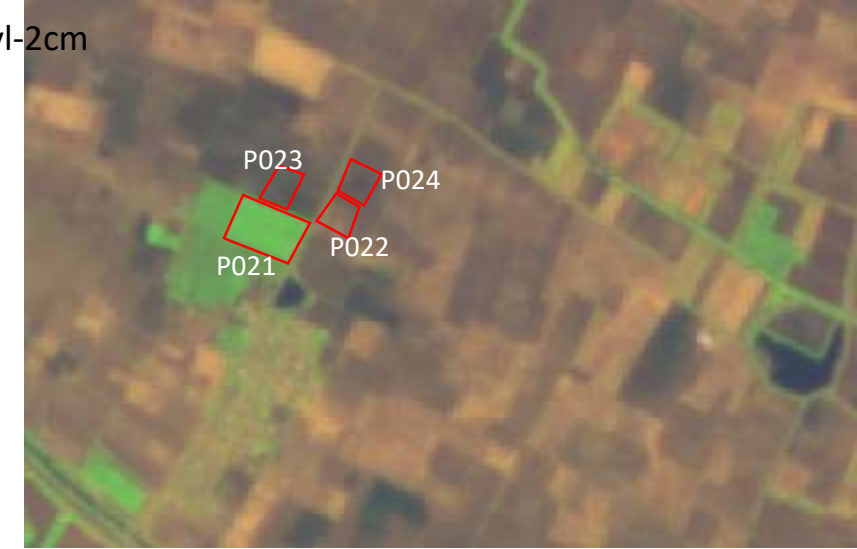


19-12-2018

Kasaraneni Vari Palem

P02

P023



09-06-2018



SM:
38.1%
38.6
37.4

Bare ploughed field

05-07-2018



Flooded fields

01-08-2018



Ht: 30cm
Sp.-20x20
Tiller-5-6
Waterlvl-5cm
PAI:

Transplanted rice 15-20 day old

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018

P02

P022

P024

09-06-2018



SM:
45.1%
46.2
45.5

Bare ploughed field

05-07-2018



28.5,
33.1,
32.1,
33.6

Bare field with rice stubbles. Field is very rough as ploughed (primary tillage).

01-08-2018



Ht: 35cm
Sp.-20x20
Tiller-5-6
Waterlvl-5cm
PAI:

Transplanted rice 15 day old

22-08-2018



Ht: 45-50cm
Sp.-20x20
Tiller-7-10
Waterlvl-5cm
PAI:

14-09-2018



08-10-2018



02-11-2018



25-11-2018

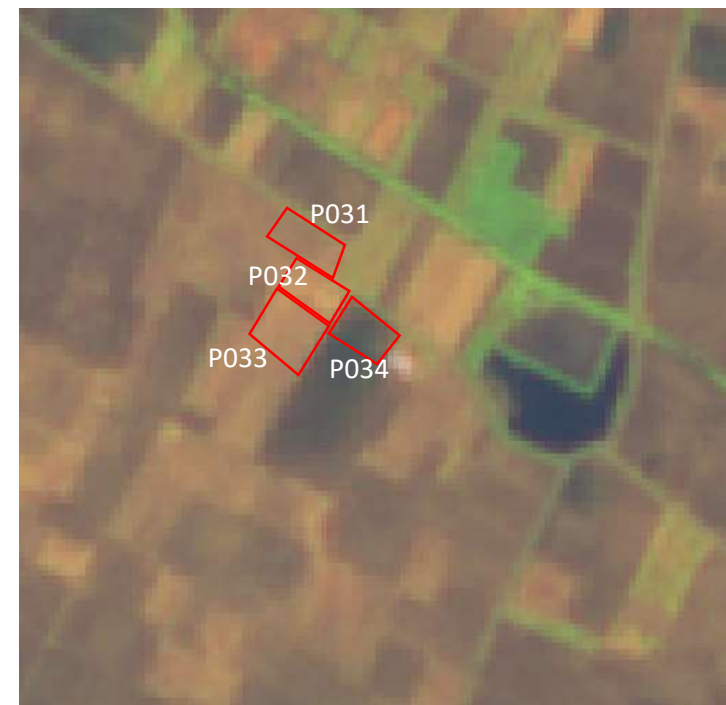


19-12-2018

Kasaraneni Vari Palem → Madurru

P03

P031



P032

P033

P034

09-06-2018



SM:
47.1%
46.7
45.9

Bare ploughed field

05-07-2018



28.5,
33.1,
32.1,
33.6

01-08-2018



Ht: 25cm
Sp.-20x20
Tiller-3-4
Waterlvl-8cm
PAI:

Transplanted rice 10 day old

22-08-2018



Ht-45cm Tiller-6

14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018

P04

P041



P042

P043

P044

09-06-2018



SM:
47.1%
47.7
47.9

Bare ploughed field

05-07-2018



SM:
46.2,
45.5,
46.3

Rice seedbed with rice plants

01-08-2018



Ht: 20cm
Sp.-20x20
Tiller-3-4
Waterlvl-6cm
PAI:

Transplanted rice 10 day old

22-08-2018



Ht—35cm/tiller-4/5

14-09-2018



25-11-2018



08-10-2018

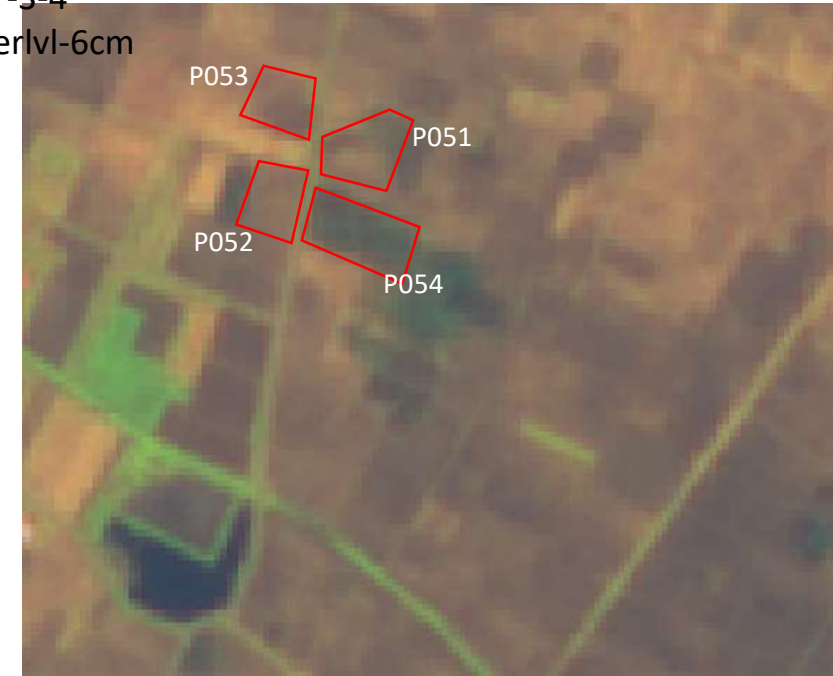


19-12-2018



P05

P051



09-06-2018

PAI:
2.68
2.61
2.62
Ht:
150
145
SM:
45
47



Sugarcane

05-07-2018



240cm

PAI
2.1
2.4

SM: 21.2, 24.9

01-08-2018



270cm

Sp. 120x20

PAI

22-08-2018



Ht-300cm

14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



Madurru

P06

P061

P062

09-06-2018



SM:
48.1%
47.7
47.9

05-07-2018



SM: 27.5, 26.7, 24.9

01-08-2018



Ht: 25cm
Sp.-25x25
Tiller-4-6
Waterlvl-5cm
PAI:

Transplanted rice 7 day old

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018

P06

P063

P064

09-06-2018



SM:
47.1%
47.7
47.9

Bare ploughed field

05-07-2018



SM: 39.0, 36.6, 31.2, 37.5

01-08-2018



Transplanted rice 10 day old

Ht: 20cm
Sp.-20x20
Tiller-3-4
Waterlvl-6cm
PAI:

Royyuru

P07

P071

22-08-2018



Ht: 35cm
Tiller-6-7
PAI:

14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



P073

P074

09-06-2018

PAI:
2.2
2.4
2.36
Ht:
130
150
SM:
45
47



Sugarcane

05-07-2018

PAI
3.2
3.5
3.3
Ht
250



SM: 39.0, 36.6

01-08-2018

PAI
Ht
300cm



SM: 48.1, 47.

22-08-2018

Ht
300cm



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



P07
P072

09-06-2018



SM:
49.1%
48.7
48.9

Bare ploughed field

05-07-2018



SM:
49.1%
49.7
49.3

Bare soil, saturated

01-08-2018



Ht: 25cm
Sp.-20x20
Tiller-4-5
Waterlvl-6cm
PAI:

Transplanted rice 15-18 day old

22-08-2018



Ht=45; 10cm water;

14-09-2018



08-10-2018



02-11-2018



25-11-2018

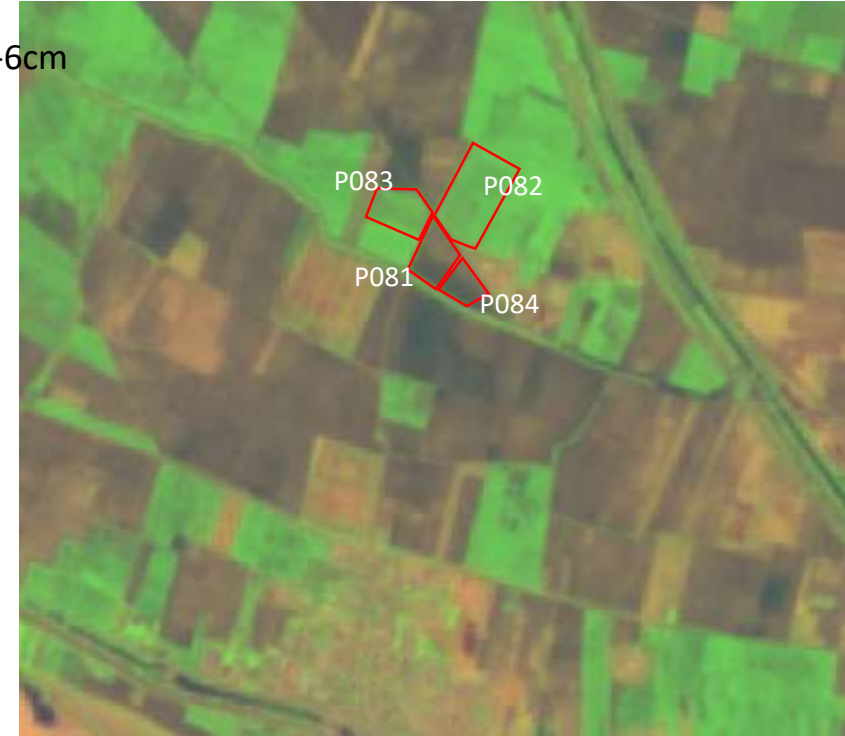


19-12-2018

Vallurupalem

P08

P081



P084

09-06-2018

PAI:
2.54
2.19
2.36
Ht:
155
150
SM:
36
38



Sugarcane

05-07-2018



PAI
3.1
3.05
Ht:
235cm

01-08-2018



PAI
Ht:
290cm
Sp. 120x20

SM: 49.8;
48.6

22-08-2018



300cm ht

14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018

P08

P082

P083

09-06-2018



Bare fields (with rice stubbles),
water logged due to rain

05-07-2018



39.0, 36.6, 31.2, 37.5

01-08-2018



Transplanted rice 15-18 day old

Ht: 25cm
Sp.-20x20
Tiller-4-5
Waterlvl-6cm
PAI:

Badrirajupalem

P09

P091

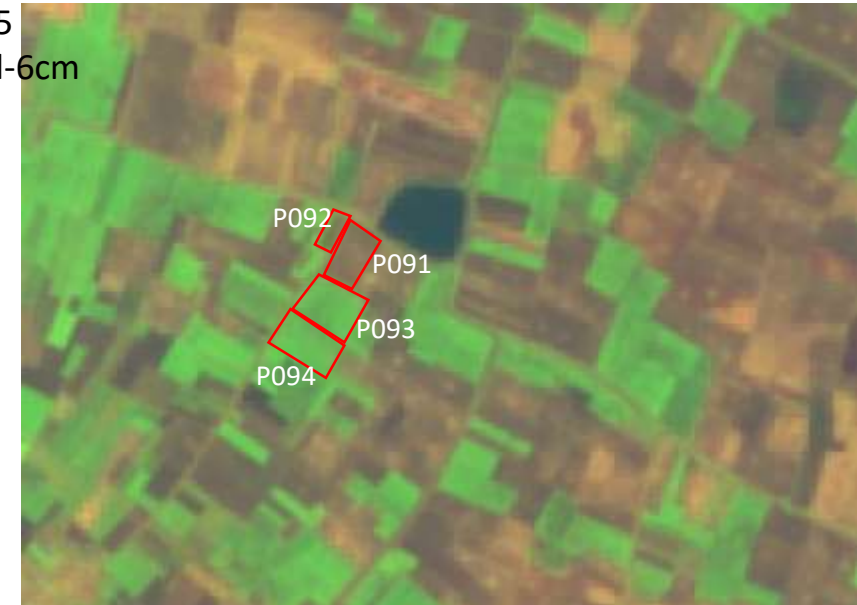
22-08-2018



14-09-2018



08-10-2018



P092

02-11-2018



25-11-2018



19-12-2018



P093

P094

Sugarcane

09-06-2018

05-07-2018

01-08-2018

Badrirajupalem

P09

P093



PAI
2.24
2.1



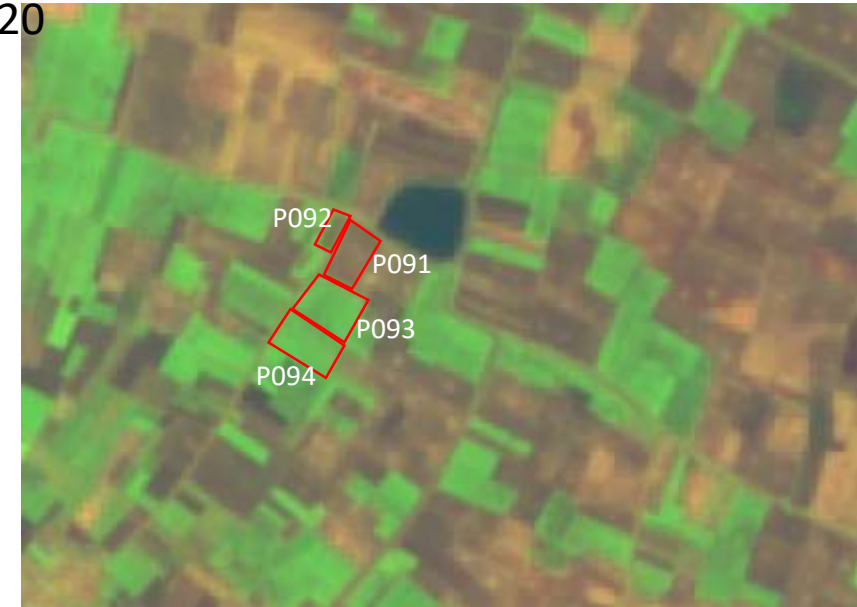
Ht: 250cm
Sp. 120x20
PAI:

Plant ht: 135cm
Sm: 45.4, 43.5, 44.1, 45.3

22-08-2018

14-09-2018

08-10-2018



02-11-2018

25-11-2018

19-12-2018

P093

P094

Sugarcane



09-06-2018

05-07-2018

01-08-2018

Badrirajupalem

P09

P094



PAI
3.1
2.87

Plant ht: 220cm
Sm: 40.2, 38.9, 37.8, 40.3

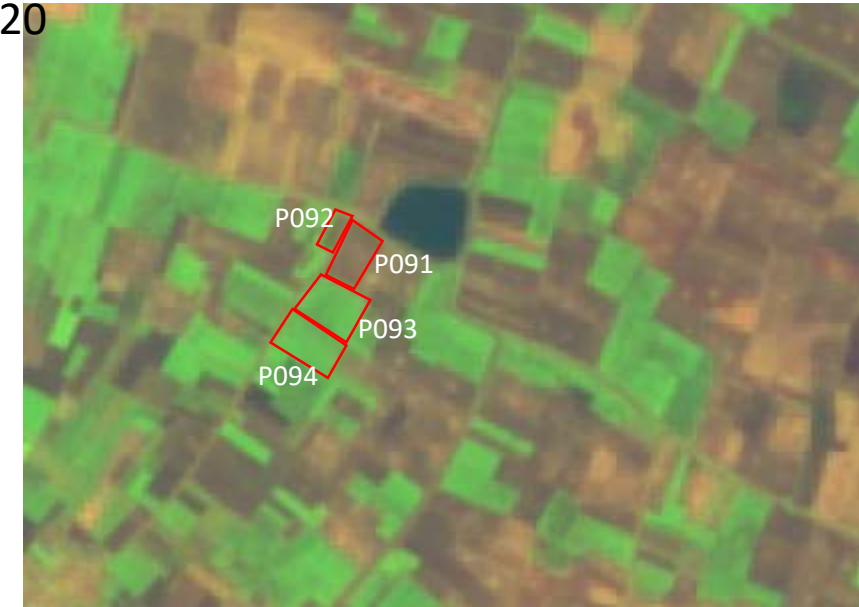


Ht: 300cm
Sp. 120x20
PAI:

22-08-2018

14-09-2018

08-10-2018



02-11-2018

25-11-2018

19-12-2018



09-06-2018



SM:
43.1%
42.7
43.5

Bare ploughed field

05-07-2018



SM: 21.6, 27.6, 26.5, 24.4

01-08-2018



Ht: 20cm
Sp.-20x20
Tiller-4-5
Waterlvl-6cm
PAI:

Transplanted rice 7 day old

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018

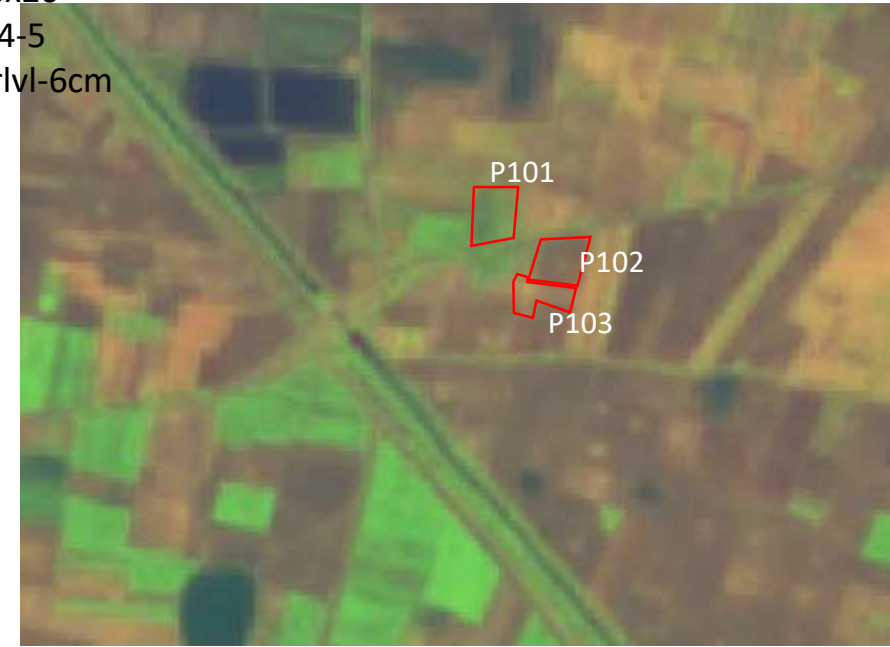


19-12-2018



P10

P102



P103

P101
May be Black
gram

09-06-2018

Bare ploughed field

05-07-2018



ht: 15cm

PAI
0.1

Transplanted paddy field
(Transplantation done by 4-5 days back)

01-08-2018



ht: 35cm
Sp. 20x20
PAI

Water lvl: 8cm

Chinaogirala

P11

P112

P114

22-08-2018



Ht 45-50/ tiller-7-8

14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



09-06-2018

PAI:
2.1
2.21
2.36
Ht:
130
135
SM:
36
37.1

Sugarcane

05-07-2018



Irrigation is going on, Soil is saturated.

ht:
220cm

PAI
3.1
3.15

01-08-2018



Ht: 300

Nepalle

P12
P121

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



09-06-2018



SM:
49.1%
48.7
48.9

Bare ploughed field

05-07-2018



Bare soil, ploughed. Some patches with paddy seedbed.

SM:
21.6,
27.6,
26.5,
24.4

22-08-2018



45cm/ tiller-10

02-11-2018



25-11-2018



01-08-2018



3-4day back transplanted

Ht 20cm
Water lvl 5cm
 $\frac{3}{4}$ tiller

08-10-2018

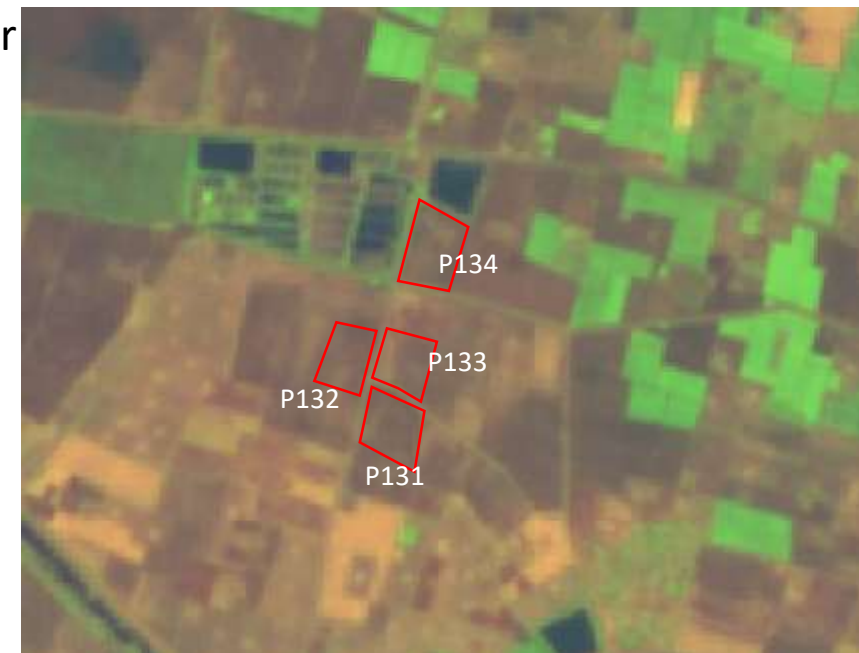


19-12-2018

Manikonda

P13

P131



09-06-2018



SM:
34.1%
33.7
33.9

Bare ploughed field

05-07-2018



Bare soil (ploughed field) with rice stubbles. SM: saturated.

SM:
47.1%
47.7
47.9

01-08-2018

3-4day back
transplanted

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018

Tarigoppula

P14

P141



09-06-2018



Harvested rice field
SM: 35.9, 33.6, 36.6%

05-07-2018



Flooded fields. But rice is not
transplanted. With patches of seedbed/ nursery

01-08-2018



ht: 35cm
Sp. 15x15
Tiller-6
PAI

Water lvl: 6cm

Kankipadu

P15

P151

P16

22-08-2018



14-09-2018



08-10-2018



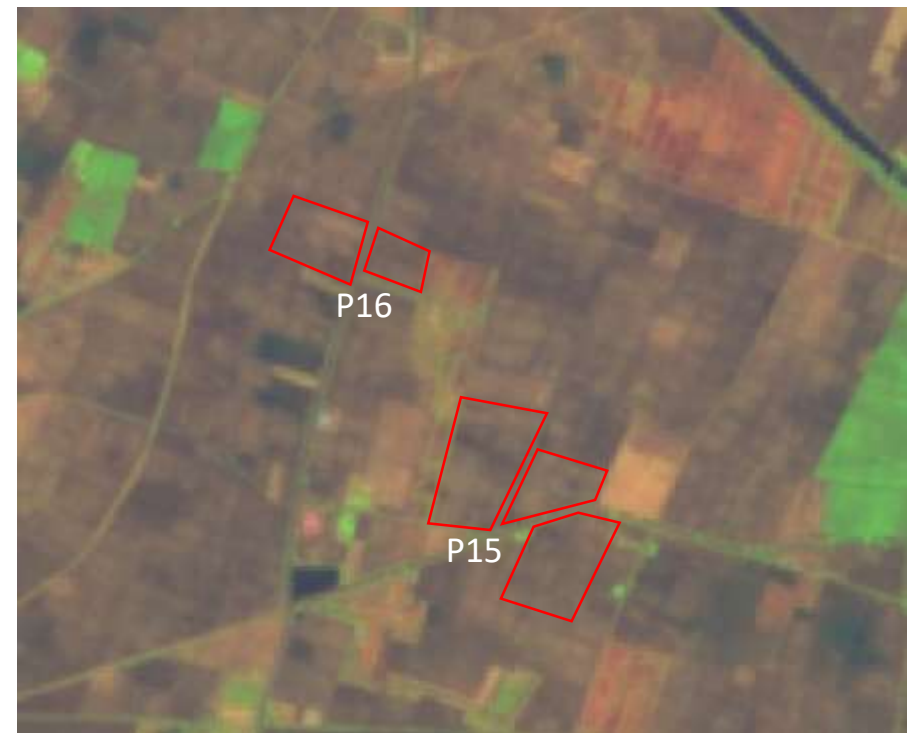
02-11-2018



25-11-2018



19-12-2018



09-06-2018



PAI:
2.1
2.21
2.36
Ht:
130
135

Sugarcane
SM: 36.4;37.1

05-07-2018



PAI
3.6
3.55

Plant ht: 248cm
SM: 47.5,49.8

01-08-2018



Ht-270cm
Water lvl-8cm

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



Gangur

P17

P171



P172

P175

09-06-2018



Harvested rice field
SM: 35.9, 35.6, 36.6%

05-07-2018



Bare soil ploughed with rice stubbles.
Inundated fields.

01-08-2018



Transplanted 2-3 day back

5cm water level

22-08-2018



Ht-35cm/5tiller

14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



P17

P174

P175

Vijayawada P18—P34

JECAM
SOAR
2018
Kharif Season

09-06-2018



Ht:
65
60
Sp.
90
PAI:
2.16

05-07-2018



115cm
Sp. 90cm

PAI:
2.56

01-08-2018



SM: 40.1, 35.2, 33.4, 39.1

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018

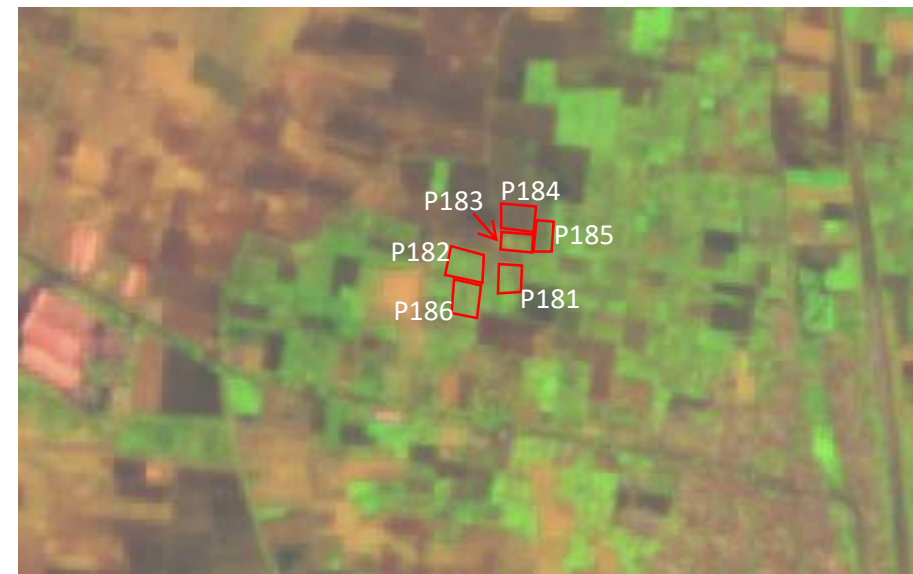


19-12-2018

Pedavadlapudi (near Cococola Factory)

P18

P181



P182

P183

P186

P184

P185

Blackgram

09-06-2018



05-07-2018

Lemon orchard
Plant ht: 240cm
Plant spacing:2m
SM:29.4, 31.7, 29.7, 32.1

01-08-2018



22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018

19-12-2018

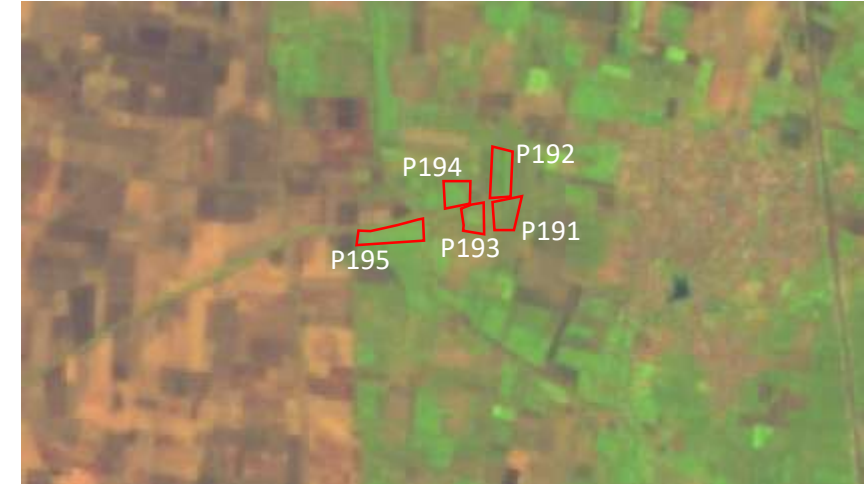
Chiluvuru

P19

P191

P193

Lemon Orchard



P192

P194

P195

Sapota orchad



09-06-2018



SM:
34.4
32.2
33.1

05-07-2018



SM:
34.1,
21.1,
37.7,
36.9

Bare soil with corn stubbles.
Ploughed field.

01-08-2018



SM:
40.3
40.0

22-08-2018



15-20cm

14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



Chiluvuru-Namburu Rd

P20

P201



09-06-2018



SM:
30.4
30.2
31.1

05-07-2018



33.1,
30.9,
29.1,
28.5

Bare ploughed field. Smooth field
with some corn stubbles.

01-08-2018



15cm
Sp. 25

Direct seeded rice

22-08-2018



30cm ht

14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



Chiluvuru-Namburu Rd

P21

P211



09-06-2018



Bare soil/no tillage/ Corn residue on ground

22-08-2018



02-11-2018



05-07-2018



Bare soil with rice stubbles, ploughed.

14-09-2018



25-11-2018



01-08-2018

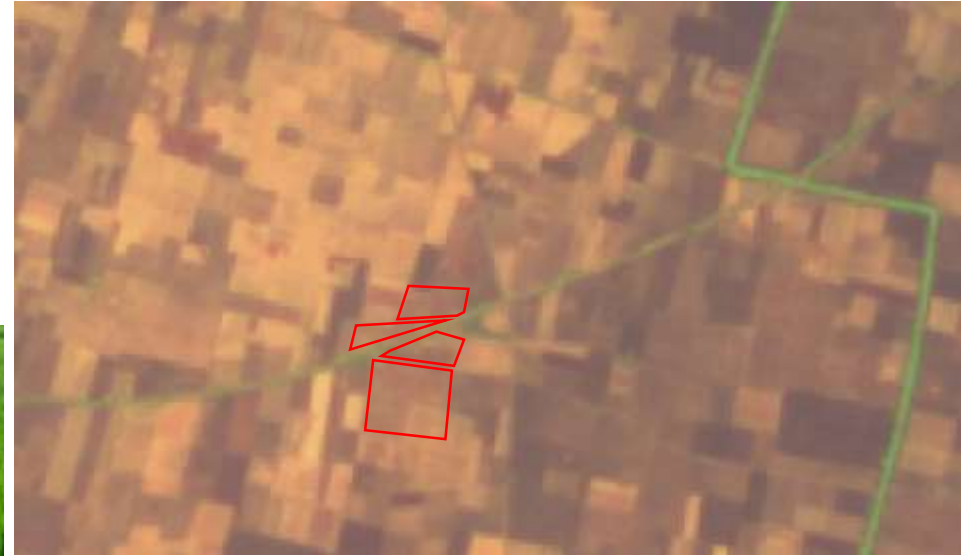


Direct seeded rice

08-10-2018



19-12-2018



Chiluvuru-Namburu Rd

P22

P221

09-06-2018



05-07-2018



Bare soil with crop residue

01-08-2018



Direct seeded rice

Ht-12cm
Sp. 25cm
Tiller-2-3
Less water

22-08-2018



14-09-2018



08-10-2018



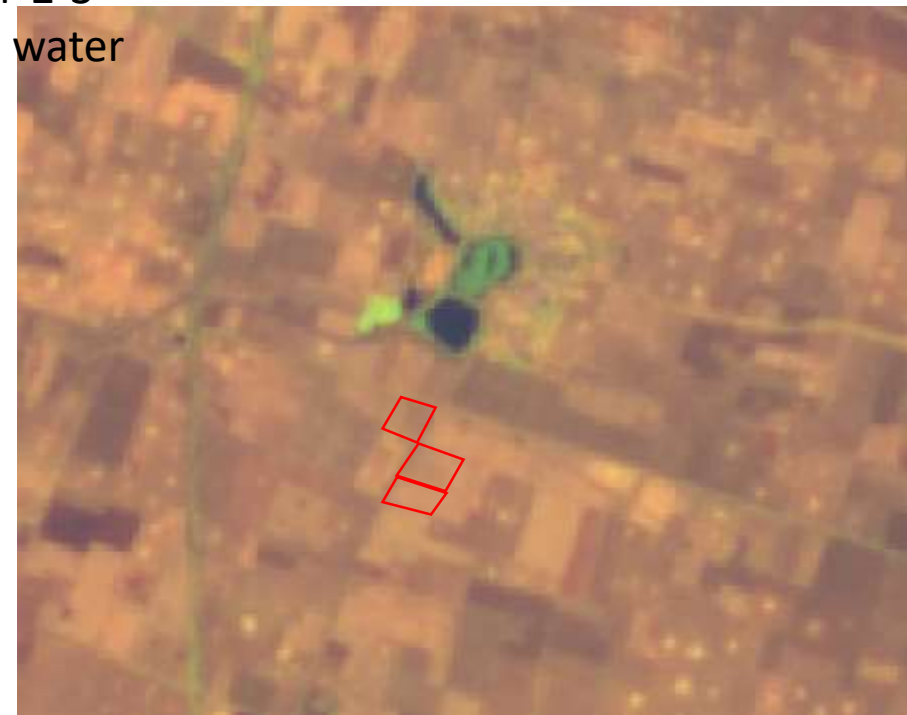
02-11-2018



25-11-2018



19-12-2018



Gollamudi

P23

P231

09-06-2018



05-07-2018



Smooth bare soil
SM: 32.9, 27.8, 29.2, 26.5

01-08-2018



22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



Uppalapadu

P24

P241



09-06-2018



SM:
30.4
30.2
31.1

Bare soil/no tillage/ Corn
residue on ground

05-07-2018



SM:
31.4,
23.7,
22.1,
21.9,
29.2

01-08-2018



Ht: 10cm

Direct seeded rice

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



Haafpet

P25

P251



09-06-2018



05-07-2018



SM:
27.9,
23.2,
22.1
33.4

01-08-2018



Smooth Bare soil

22-08-2018



14-09-2018



08-10-2018



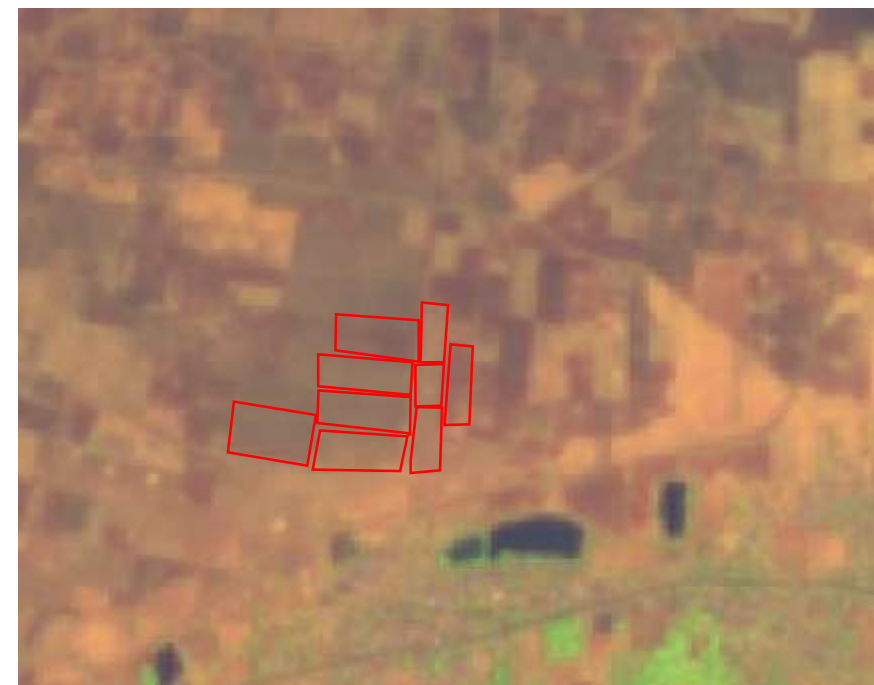
02-11-2018



25-11-2018



19-12-2018



Khazipet

P26
P261

09-06-2018



05-07-2018



23.2,
22.1

01-08-2018



Direct seeded rice

SM-45%
Ht-10cm
Sp. 30cm
3plant/hill

Athota

P27

P271

22-08-2018



14-09-2018



08-10-2018



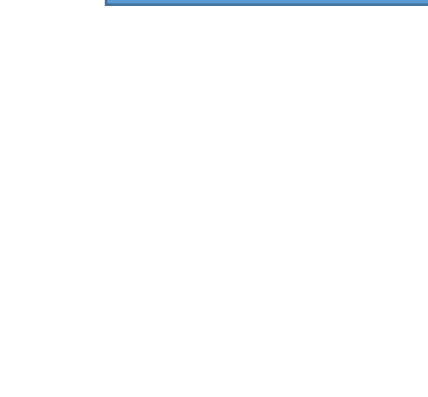
02-11-2018



25-11-2018



19-12-2018



09-06-2018



05-07-2018

Bare soil with corn stubble
SM: 30.6, 29.78, 25.7, 27.8

01-08-2018



Direct seeded rice

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



Emani

P28

P281

09-06-2018



05-07-2018

Bare soil with corn stubble
SM: 34.8, 26.8, 34.2, 36.2

01-08-2018



Direct seeded rice

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



P29

P291

09-06-2018



05-07-2018

Bare soil with corn stubble
SM: 23.9, 35.6, 31.3, 24.7

01-08-2018



Direct seeded rice

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018

P30

P301



09-06-2018



05-07-2018



01-08-2018



Direct seeded rice

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018



Chinapalem

P31

P311



09-06-2018



05-07-2018



Smooth bare soil
SM: 27.8, 19.3, 24.1, 25.6

01-08-2018



Direct seeded rice

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018

Veerlapalem

P32

P321



09-06-2018



05-07-2018



01-08-2018



Direct seeded rice

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018

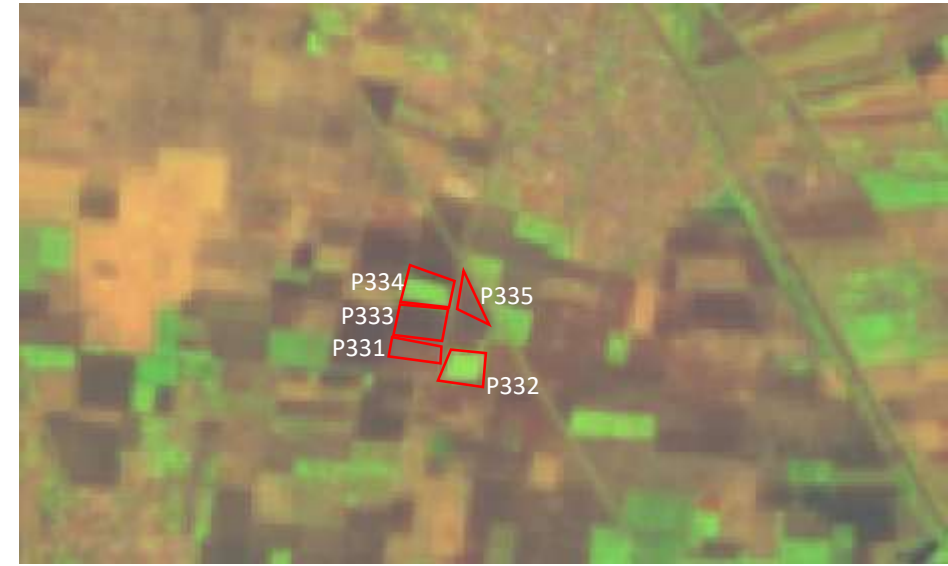


19-12-2018

Chirravuru

P33

P331



P333

P335

09-06-2018

05-07-2018

01-08-2018

P33

P332
P334

May be blackgram/
Turmeric/Banana
Started appearing f

22-08-2018

14-09-2018

08-10-2018

Harvested in June 3
? Maybe Amaranth,

02-11-2018

25-11-2018

19-12-2018

09-06-2018

05-07-2018

01-08-2018

Chirravuru

P34

P181

Bare soil



Direct seeded rice

22-08-2018



14-09-2018



08-10-2018



02-11-2018



25-11-2018



19-12-2018

09-06-2018

05-07-2018

01-08-2018

PXX

PXXY

22-08-2018

14-09-2018

08-10-2018

02-11-2018

25-11-2018

19-12-2018