End-Season Report

on

Implementing YESTECH for Kharif rice in Andhra Pradesh.
2025-26

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By

ICRISAT INTERNATIONAL CROPS RESEARCH INSTITUTE FOR THE SEMI-ARID TROPICS

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End-Season Report onImplementing YESTECH for Kharif rice in Andhra Pradesh. 2025-26

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14	Abstract (with keywords):	The Department of Agriculture & Farmers Welfare (DA&FW), Government of India, has launched the YESTECH programme under the Pradhan Mantri Fasal Bima Yojana (PMFBY). As part of this initiative, the Agriculture Department of Andhra Pradesh has adopted the semi-physical model approach, as detailed in the YESTECH Manual (2023), for crop yield estimation. The department has decided to implement this technology-based approach in seven districts (two districts with APSAC as TIP and five districts with ICRISAT as TIP) during the Kharif season 2025–26. This End-Season Report describes the data, inputs and methodology used for rice crop mapping, crop condition monitoring, planting date analysis, harvest index estimation, biomass calculation, and rice yield estimation of the five districts, which are assigned to ICRISAT as TIP. These distrcits are: Eluru, East Godavari, West Godavari, Konaseema, and Nellore. Key words: YESTECH, PMFBY, kharif-rice, crop map, yield estimate, insurance unit, Satellite data, Semi-Physical model.		

1 Introduction

1.1 Crop yield estimates of the Insurance Units (IUs) for the current and past years form the basis for crop loss assessment and indemnity payout. Crop yield estimation is done by carrying out Crop Cutting Experiments (CCEs), the traditional system of manual yield measurements in randomly selected field plots for each crop in each IU. Major limitations of CCE-based crop yield estimation include the following gaps: (a) a limited number of measurements, (b) a time-consuming process, and (c) vulnerable to human errors.

1.2 The Department of Agriculture & Farmer Welfare (DA&FW), Government of India (GOI) has taken up many initiatives to improve crop yield estimation procedures ever since the launch of Pradhan Mantri Fasal Bheema Yojna (PMFBY). Technology development agencies of both the Government and Private sectors have been engaged in developing new yield estimation methods using various datasets and models such as 1. Semi-physical model, 2. Machine learning approach, 3. Crop simulation model, 4. Ensemble model, and 5. Parametric index of crop performance (CHF model) through pilot studies.

1.3 Towards enabling large-scale adoption of technology-based yield estimates in the PMFBY system for crop loss assessment, DA&FW has conceptualized a special initiative, the "Adoption of a Yield Estimation System based on Technology (YES-Tech)" under PMFBY. YES-TECH advocates the blended use of modelled and CCE yield estimates for insurance claim assessment from the 2023 season onward. An SOP (Standard Operating Procedure) has been developed by DA&FW, GOI to estimate yield at the Insurance Unit level.

1.4 In Andhra Pradesh state, the state Agriculture Department, Government of Andhra Pradesh is the implementing agency of the YES-Tech program. The program was initially piloted in Kakinada and Nandyal districts during the Kharif seasons of 2023–24 and 2024–25, with the Andhra Pradesh Space Applications Centre (APSAC) serving as the Technical Implementation Partner (TIP). Following the successful

implementation and encouraging results, APSAC is continuing the implementation of the program in these two districts during Kharif 2025–26 as well.

During Kharif 2025-26, the Agriculture Department has decided to expand the YESTECH program to five additional districts: Eluru, East Godavari, West Godavari, Konaseema, and Nellore. For this expanded rollout, ICRISAT has been designated as the Technical Implementation Partner-2 (TIP-2). The Space Applications Centre (SAC-ISRO), Ahmedabad is acting as the Mentor Institute for Technology Rollout (MITR) for the YESTECH program in Andhra Pradesh, providing technical guidance and oversight.

1.5 The objectives of the project are:

a. To generate rice crop mask based on satellite remote sensing data.
b. To estimate yield of Kharif rice at insurance units (IU) level in Eluru, East Godavari, West Godavari, Konaseema, and Nellore districts of Andhra Pradesh using semi-physical model.

2 Review of Literature

2.1 Predicting food grain yields earlier can help farmers and policymakers plan accordingly. Accurate statistical data on yield production availability assists planners in making strategic decisions and regulating import and export activities. However, the traditional crop area and yield estimation approach, which requires a huge labour force, is time-consuming, inaccurate, and practically difficult to apply on a broad scale (Tripathy *et. al.,* 2014, Dwivedi *et. al.,* 2019, Ali *et. al.*, 2021, Pazhanivelan*et. al.,* 2022).

2.2 In India, the Crop Cutting Experiments (CCE) is operational for the crop yield estimation at Insurance Unit level. The CCE is a traditional approach employed by governments and agricultural bodies to accurately estimate the yield of a crop where sample locations are selected based on random stratified sampling. The conventional CCE approach is not without flaws, the biggest drawback of this traditional method is that it is dependent on a few variables such as administrative setup, type and size of the field staff, farmer cooperation, and harvest conditions. Especially in a scenario

where there are nearly 2.5 lakh gram panchayats in India that are scattered, along with inadequate trained human labour for yield estimation within the short harvesting window (https://indiaai.gov.in/article/how-ai-is-used-to-streamline-pradhan-mantri-fasal-bima-yojana). The increasing number of CCEs for conducting a crop yield estimation, which results in time-consuming, redundancy, and rise data uncertainty issues. Since the harvest time is very short, carrying out a few CCEs is extremely difficult with limited manpower and time.

2.3 Using advanced technologies to bring optimize the solution for minimizing CCEs of the insurance unit level (village, village panchayat, block, revenue circle, Mandal, or taluk) is essential for overall crop management practices for yield prediction. Further, to optimize the CCEs, a technique for the CCE site selection using yield proxy derived from the remote sensing based Semi-Physical model was implemented during 2019-20(Source: Protocol of smart sampling for crop cutting experiments, 2019, Department of Agriculture, Coop. & Farmers' Welfare, Ministry of Agriculture & Farmers' Welfare, Government of India, New Delhi – 110001, September, 2019). The chosen semi-physical model was demonstrated at district and state level yield estimation (Tripathy *et. al.*, 2014) and further refined for its application in estimating yield of different crops including rice and wheat at gram panchayat scale (Tripathy *et. al.,* 2022, Dwivedi *et. al.,* 2019).

2.4 For the rice crop mapping, two primary methodologies are employed for mapping extensive paddy rice cultivation areas using satellite remote sensing data. The first approach relies on multi-temporal observation data, predominantly employing statistical models or index-based methods (Singha *et. al.* ,2020; Yang *et. al.*,2021). Given the distinctive phenological characteristics of paddy rice, such as flooding and transplanting, these features are widely utilized for precise paddy rice identification (Yin *et. al.*,2019).

2.5 The second approach utilizes single observation data in conjunction with machine learning classifiers (Onojeghuo *et. al.*, 2018; Zhang et. al., 2018b; Cai *et. al.*, 2019). Classifiers like Random Forest, Support Vector Machine, or Decision Trees are chosen to extract relevant features, followed by the classification process. While these

methods are effective in identifying paddy rice from Landsat images, the feature extraction step heavily depends on domain knowledge and expertise, potentially missing intrinsic subtle features and lacking the desired flexibility (Xu *et. al.*,2021).

2.6 So, understanding the limitations of automation and manual way of identifying the crop, the study is utilising the semi-automatic classification procedure which include unsupervised classification followed by class labelling using spectral matching techniques.

3 Study Area

The agriculture department has selected the Semi-Physical model (YESTECH manual) of yield estimation for Rice crop yield estimation at Insurance Unit level (Village level) in extended five districts namely, Eluru, East Godavari, West Godavari, Kona Seema, and SPS Nellore of Andhra Pradesh. The spatial map of study area is shown in Figure 1.

3.1 East Godavari

East Godavari experiences a tropical climate with moderate to high humidity during the Kharif season. Temperatures commonly range between 25°C and 32°C, with May–June peaks occasionally reaching 48°C. The district's normal annual rainfall is approximately 1,219 mm, most of which arrives during the southwest monsoon from June to September. During kharif season the major crops are rice and cotton, supported by fertile delta soils and extensive irrigation infrastructure. The district is also prone to drought and occasional cyclonic flooding during harvest time.

3.2 West Godavari

West Godavari has a tropical, deltaic climate with hot dry summers and moderately mild winters, typical of Coastal Andhra. Summer temperatures often exceed 40°C, while during Kharif, day-time highs usually fall between 30–32°C. Average annual rainfall ranges around 976–1,015 mm, with approximately 60% falling during the southwest monsoon (around 642 mm). Major Kharif cropis rice, benefiting from a well-developed canal and reservoir-based irrigation system across the Godavari delta.

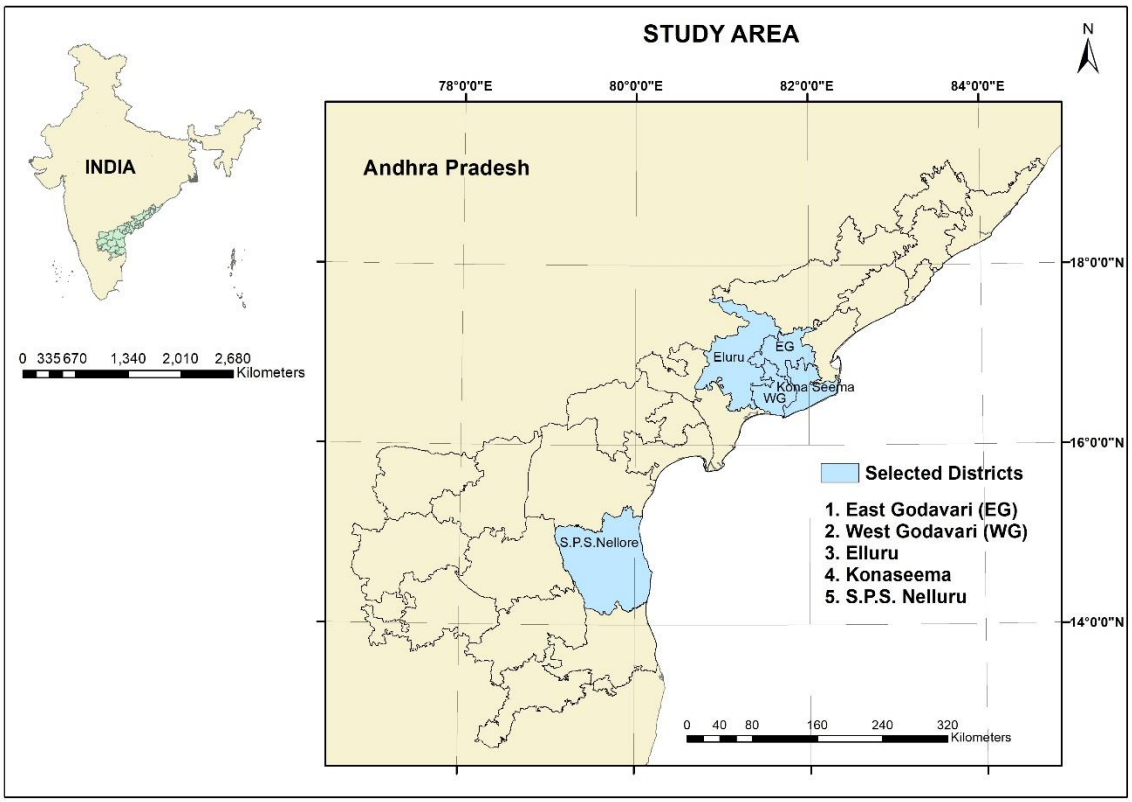


Figure 1: Study Area

3.3 Eluru

Eluru lies inland within the Coastal Andhra plains and shares a hot, humid tropical climate like its neighbours. Summers can exceed 40°C, with an average annual temperature of about 28.2°C. The district receives around 992 mm of rainfall annually, with maximum precipitation in July–August, coinciding with monsoon onset. Rice is the dominant Kharif crop, supported by proximity to Kolleru Lake and the Eluru Canal system used for irrigation; cotton is also grown on parts of the plain.

3.4 Konaseema

Konaseema, formed from Southeastern parts of East and West Godavari, has a tropical deltaic climate like adjacent districts, with hot and humid conditions during Kharif. Average rainfall aligns with East Godavari norms (~1,200 mm), concentrated in the southwest monsoon. Fertile soils along the Godavari delta support rice cultivation predominantly, with coconut, banana, and other plantations thriving under irrigation canals. Occasional cyclonic rainfall during monsoon withdrawal affects late crops and harvesting.

3.5 SPS Nellore

Nellore experiences a tropical savanna climate with hot, humid summers and moderate winters. Maximum summer temperatures reach 36–40°C, while minimum winter—Kharif—temperatures stay between 23–25°C. The district's average annual rainfall is around 1,080 mm, of which nearly 60% falls during the northeast monsoon (October to December); southwest monsoon contributes less. Rice is the major Kharif crop, along with cotton and pulses; the district also faces both droughts and floods, especially during cyclonic events associated with northeast monsoon showers.

4 Dataset used

The basic inputs required for Semi-Physical model are, rice crop mask, the Fraction of absorbed photo synthetically active radiation (fAPAR), Photo synthetically active radiation (PAR), maximum Radiation use efficiency (RUEmax), Water scalar and Temperature Scalar. The rice crop map, representing the area of interest, was generated using cloud-free Sentinel-2 (MSR) data. To generate the input parameters the following raw data sets were used. The details of data product, satellite/sensor, and source are given in the Table 1.

Table 1: Details of input data and source

Data /Product	Purpose	Satellite/ Ground	Sensor	Resolution	Source
Surface Reflectance data	Rice Crop Mapping	Sentinel-2	MSI	10m	**ESA** (European Space Agency) https://dataspace.copernicus.eu/
Daily integrated Insolation	PAR	INSAT 3DR	Imager	4km	**MOSDAC-ISRO**. https://mosdac.gov.in/
FAPAR	FAPAR	Terra	MODIS	0.5km	**NASA**-EARTHDATA. https://earthexplorer.usgs.gov/
Surface Reflectance data	LSWI, Water Scalar,	Terra	MODIS	0.5km.	**NASA**-EARTHDATA. https://earthexplorer.usgs.gov/

	Planting Date.				**ESA** (Europian Space Agency) https://dataspace.copernicus.eu/
Past year/current CCE data	Harvest index	Calibration with past year data		IU Level	Agriculture dept. (GoAP)/ICRISAT
RUE_{max} (Maximum Radiance Use Efficiency)	The RUE_{max} for the major cultivar is taken from literature in consultation with MITR.				
Note*: Due to unavailability of cloud free Sentinel-2 data the MODIS data has been used in Kharif season for FAPAR and Water Scalar.					

5 Methodology

The SOP (Standard Operating Procedure) as mentioned in the YES-TECH manual was used for yield estimation using semi-physical model. This model is based on

the concept that the biomass produced by a crop is a function of the amount of photo synthetically active radiation (PAR) absorbed, which in turn depends on incoming radiation (PAR) and the crop's PAR interception capacity (FAPAR). Biomass (BM) is a function of the total absorbed photo synthetically active radiation (APAR) and the ability of the plant to convert APAR into dry matter (RUE) and yield is a function of net dry matter and the harvest index (HI) of the crop. Water Scalar derived from satellite images is used as a limiting factor of crop yield. Model framework (flow chart) is furnished in figure 2 below.

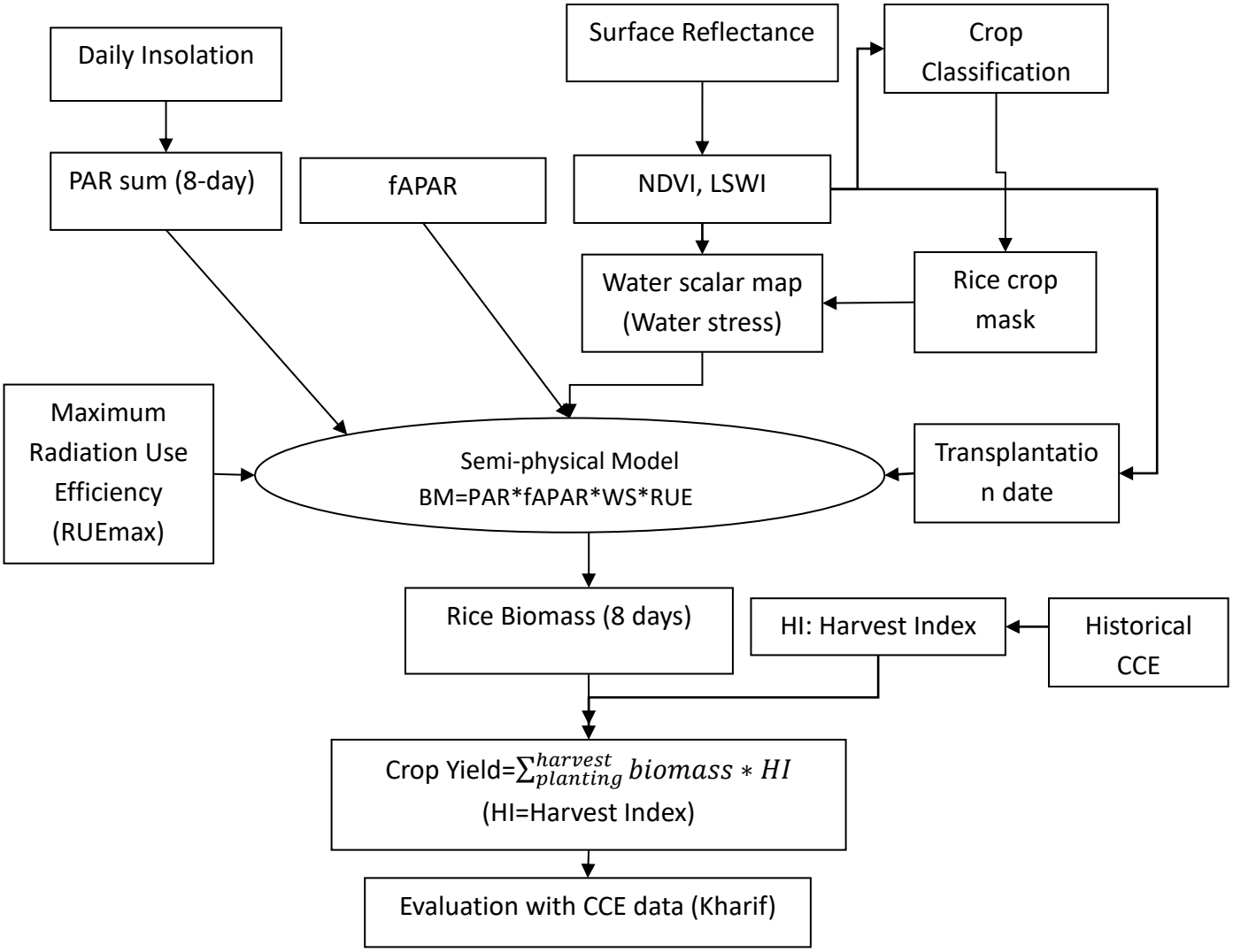


Figure 2: Workflow for Crop Yield Estimation

5.1 Ground truth data for rice crop mapping and accuracy assessment of rice map

ICRISAT team have collected ground truth observations from study districts; Eluru, East Godavari, West Godavari, Konaseema, and SPS Nellore of Andhra Pradesh covering rice fields as well as other LULC. The details of ground truth is mentioned in result section (6.1). The ground data is collected based on the spectral variations generated using sentinel-2 NDVI imagery. ICRISAT has used their field data collection application, ICROPS, which has developed by the RS-GIS Team of ICRISAT. The sample locations are carefully selected considering the variability of different crops as observed on optical satellite data. These samples are used as reference data for unsupervised classification labelling and accuracy assessment of the rice map. In

addition to the app-based collection, a separate set of 946 ground truth points was gathered for validation purposes. The district-wise details of the sample locations are presented in Table 3.

5.2 Rice map generation

Crop-type classification is carried out using a semi-automatic workflow that combines satellite data processing, spectral analysis, and ground-truth integration (Figure 3). This approach balances automation with expert intervention to ensure both scalability and accuracy.

5.2.1 Satellite Data Pre-Processing

The classification process begins with the acquisition and preprocessing of multi-temporal satellite imagery, typically from Sentinel-2. Key preprocessing steps include:

- Cloud masking and atmospheric correction
- Stacking multi-spectral bands over the crop growing season
- Generating maximum NDVI composites at fortnightly intervals to capture crop phenological patterns

This processed dataset forms the basis for further analysis and classification. The list of Sentinel-2 satellite pass dates used for rice mapping across the five study districts is provided in Annexure I.

5.2.2 Unsupervised Classification and Pre-Clustering

An initial unsupervised classification is applied to group pixels with similar spectral behaviour. This helps identify broad land cover categories and guides the selection of representative training samples. These pre-clusters also help isolate noise and identify spectral confusion zones that may need further ground validation.

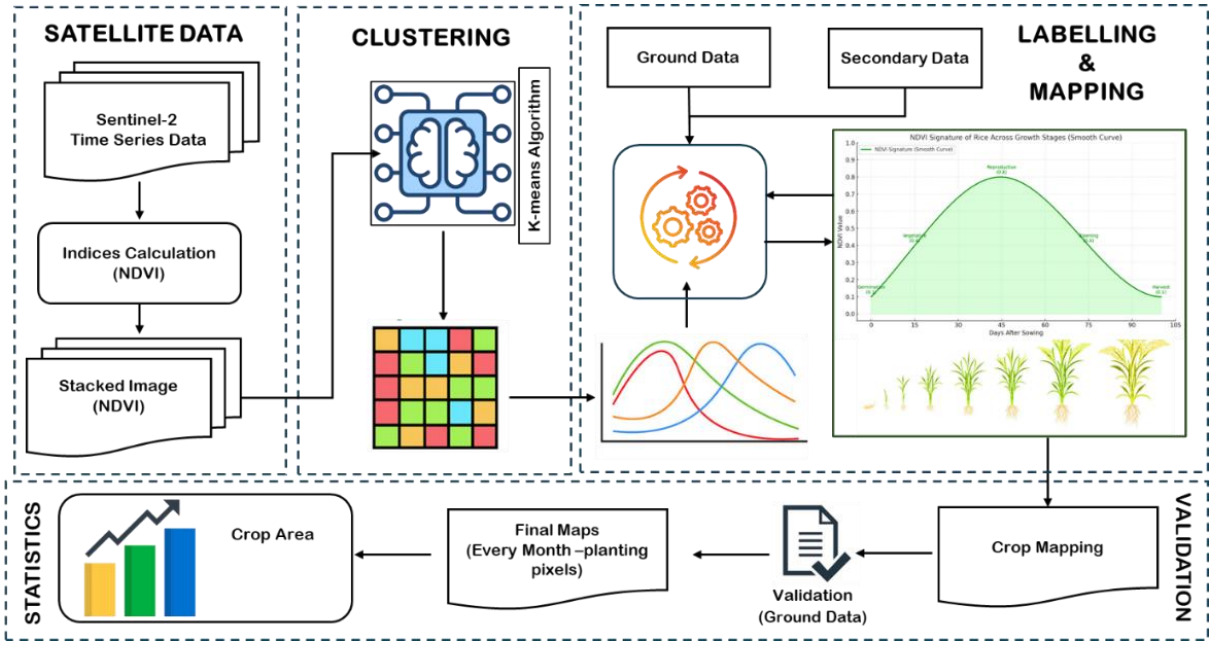


Figure 3: Methodology for crop classification

5.2.3 Development of Spectral Signatures

With support from field data collected using the ICROPS mobile application, spectral signatures are developed for each crop type (e.g., rice, maize) and for other land use/land cover (LULC) classes (e.g., water bodies, fallow, settlements). The process involves:

- Extracting pixel values for ground-verified locations
- Analysing NDVI and other spectral indices over time
- Generating class-wise temporal spectral profiles

This step ensures that each class has a distinct and biologically meaningful spectral identity.

5.2.4 Spectral Matching Techniques

Using the developed signatures, spectral matching techniques are employed to identify and classify each pixel into its most likely crop or LULC class. This step is refined using:

- Field-collected training data
- Secondary datasets such as crop calendars, administrative records, and historical land cover maps
- Expert knowledge to adjust thresholds or resolve class confusion (e.g., rice vs. wetlands)

5.2.5 Accuracy Assessment

To ensure the reliability of classification outputs, an accuracy assessment is conducted using an independent set of ground-truth points that were not used in the training phase. This involves:

- Generating a confusion matrix
- Calculating key accuracy metrics:
  - Overall Accuracy $OA = (TP + TN) \div N$,
  - User's Accuracy $UA = TP \div (TP + FP)$,
  - Producer's Accuracy $PA = TP \div (TP + FN)$, and
  - Kappa Coefficient $\kappa = (OA - \mathbf{P_e}) \div (1 - \mathbf{P_e})$

Where $\mathbf{P_e} = \sum(Row\ Total * column\ Total)/N^2$, $TP = True\ Positives$, $TN = True\ Negatives$, $FP = False\ Positives$, $FN = False\ Negatives$, N= Total Number of Validation samples

This validation step is crucial for reporting confidence levels and for integrating outputs into decision-support systems.

5.3 Crop condition assessment

Rice crop condition was assessed using satellite-derived Vegetation Condition Index (VCI), to monitor temporal variations in crop vigor during the growing season. The VCI at village level has been carried out to assess the rice crop condition. To generate VCI, the current period values of vegetation values was compared with long-term data (at least ten years). The VCI compares the observed NDVI to the range of values observed for the same period in previous years. The VCI is expressed in percentage (%) and gives an idea of where the current value is placed within the extreme values (minimum and maximum) in the historical datasets normalized to a scale of 0 – 100%. Lower and higher values indicate bad and good vegetation conditions, respectively. VCI for NDVI and NDWI are calculated using the formula given below:

$$VCI(NDVI) = \frac{(NDVIcurr - NDVImin)}{(NDVImax - NDVImin)} * 100 \quad \text{.....1}$$

Whereas 'curr' refers to the current period value, 'min' and 'max' refer to the minimum and maximum values of vegetation indices in the historical dataset for the same period and same location. The threshold values of VCI for crop condition assessment can be used as given in Table 2.

Table 2: Classification of Vegetation Condition based on VCI value

VCI Value (%)	Vegetation condition category
60-100	Normal
40-60	Moderate
0-40	Severe

5.4 Rice crop yield estimation using semi-physical model

This section describes the sequential steps followed for implementing the semi-physical model for rice yield estimation at the Insurance Unit level, including planting date identification, generation of model inputs, biomass estimation, harvest index calibration, yield estimation, and evaluation.

5.4.1 Planting date

(i) The planting date at pixel level was derived from the time-series NDVI data, using ISODATA classification and polynomial curve fit method.

5.4.2 Photosynthetically Active Radiation (PAR)

(i) PAR ($MJ \bullet m^{-2} \bullet d^{-1}$) is taken as 50% of the Insolation (Tripathy et.al., 2022) and is derived from the daily insolation product from INSAT3DR.

5.4.3 Fraction of Absorbed Photosynthetically Active Radiation (fAPAR)

(i) FAPAR data product from MODIS at 500m resolution with 8 days interval has been utilised directly in this study.

5.4.4 Water Scalar using LSWI (Land Surface Wetness Index)

(i) LSWI index computed from the near range Infrared band and short-wave infrared (SWIR) region around 1610 nm of electromagnetic spectrum. This index is sensitive for the total amount of vegetation liquid and also for soil background.

LSWI= (NIR-SWIR)/(NIR+SWIR) 2

NIR=Reflectance in Near Infrared,

SWIR= Reflectance in shortwave Near Infrared

Water Scalar:

(ii) Estimated LSWI is used further in deriving the water stress scalar.

W Scalar= (1+LSWI)/(1+LSWImax) 3

5.4.5 Calibration and Harvest Index (HI) estimation

Harvest Index (HI) is estimated for each IU, through calibrating the model at IU level with past two years data- CCE-Yield and modelled derived biomass (2023-24 and 2024-25) for the respective years.

HI_Year 1=CCE yield_year 1/Modelled biomass_year 1

HI_Year 2=CCE yield_year 2/Modelled biomass_year 2

Av HI=average (HI_year1, HI_Year2)

5.5 Evaluation of the estimated rice crop yield.

The evaluation of rice crop yield has utilized the average yield data from the last three years for the specific IU. Correlation Coefficient (r), Root Mean Square Error (RMSE) and Relative Deviation has been calculated to assess the accuracy of the yield estimates.

A. **Correlation Coefficient (r)**

The correlation coefficient has been calculated based on the Pearson's Correlation coefficient (Karl Pearson, 1880). Pearson's correlation coefficient, often denoted as r, is a statistical measure that calculates the strength and direction of the linear relationship between two variables. It ranges from -1 to 1,

Equation:

$$r = \frac{\sum(X_i - \bar{X}) * (Y_i - \bar{Y})}{\sqrt{\sum(X_i - \bar{X})^2 * \sum(Y_i - \bar{Y})^2}}$$

where:

Xi and Yi are individual data points and

X and Y are the means of the variables.

B. Root Mean Square Error (RMSE):

RMSE measures the average magnitude of the error between predicted values and observed values. It's calculated using the following formula:

$$\text{RMSE} = \sqrt{\frac{1}{n}\sum_{i=1}^{n}(y_i - \hat{y}_i)^2}$$

Where:

- n is the number of observations.
- y_i is the observed value.
- $\hat{y}_i$ is the predicted value.

C. Relative Deviation:

Relative deviation measures the relative difference between predicted and observed values. It's calculated using the following formula:

$$\text{Relative Deviation} = \frac{1}{n}\sum_{i=1}^{n}\left|\frac{y_i - \hat{y}_i}{y_i}\right| \times 100\%$$

Where:

- n is the number of observations.
- y_i is the observed value.
- $\hat{y}_i$ is the predicted value.

6 End-Season Results and Discussions

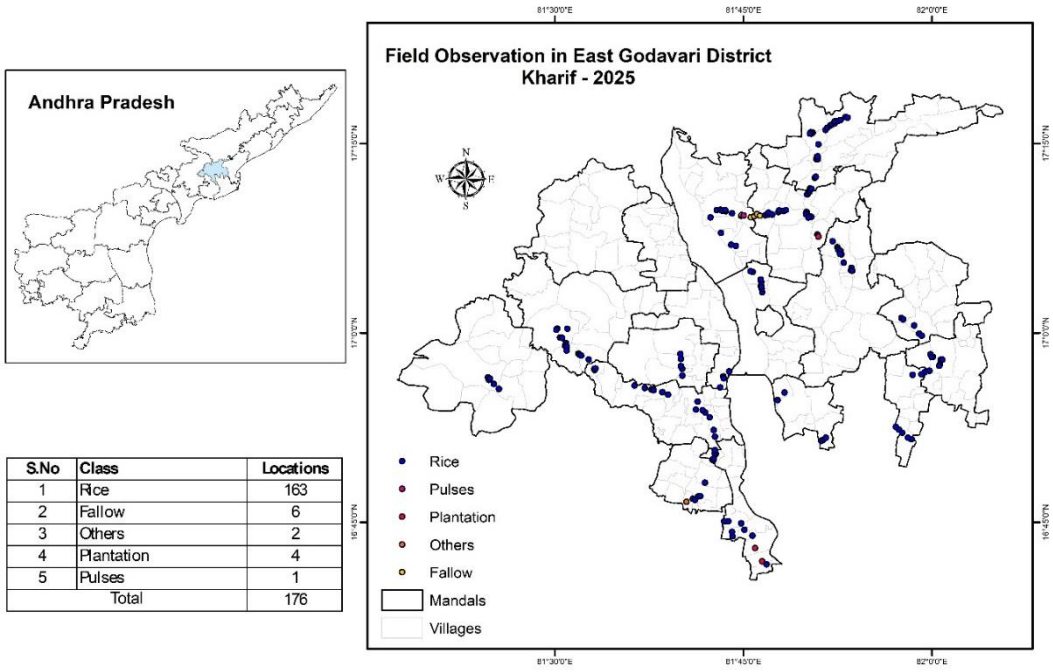
6.1 Ground truth data for rice crop mapping

ICRISAT team carried out field surveys between 08 and 18 September 2025 to understand the crop during the Kharif season 2025–26 in the study area encompassed five districts namely East Godavari, West Godavari, Eluru, S.P.S Nellore, and Konaseema. These field observations provided the ground signatures required for image classification. A consolidated summary of ground truth (GT) sites for rice and other competitive crops across the five study districts is presented in Table 3. This table provides the number of sample locations recorded for each crop class during the Kharif 2025 field survey, with rice as the major target crop receiving the largest share of observations, while other crops were sampled based on their dominance in each district.

Table 3: Summary of GT sites for rice and other competitive crops across five districts during Kharif 2025.

District	Rice	Fallow	Pulses	Millets	Plantation	Others	Total
East Godavari	163	6	1	-	4	1	176
West Godavari	161	-	-	-	-	-	161
Eluru	129	5	18	–	–	8	169
S.P.S Nellore	176	45	6	11	–	14	268
Konaseema	160	–	–	–	–	12	172

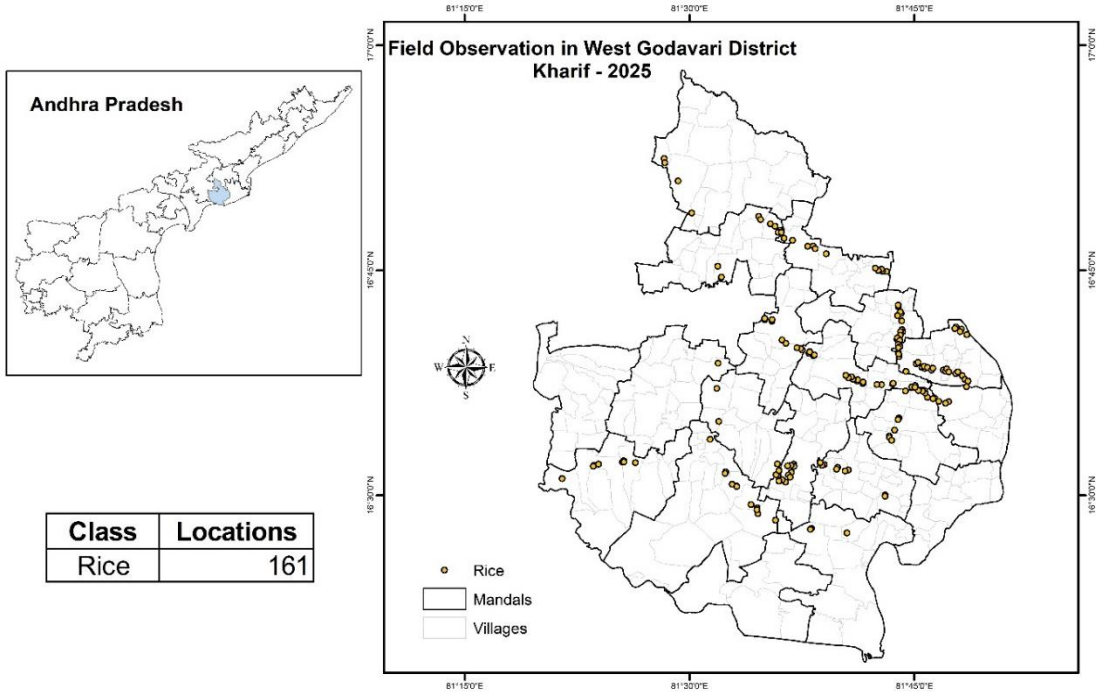
In **East Godavari district**, a total of 176 ground truth locations were recorded, consisting of 163 rice fields, 6 fallow locations, 2 sites categorized as others, 4 plantation areas, and 1 pulses field. The detailed distribution of these observations is presented in the map. Rice is the major food crop cultivated in the district during the Kharif season, and the spatial distribution of polygons representing rice and other crop classes are shown in the respective figure 4.



S.No	Class	Locations
1	Rice	163
2	Fallow	6
3	Others	2
4	Plantation	4
5	Pulses	1
	Total	176

Figure 4: Ground Data of East Godavari District

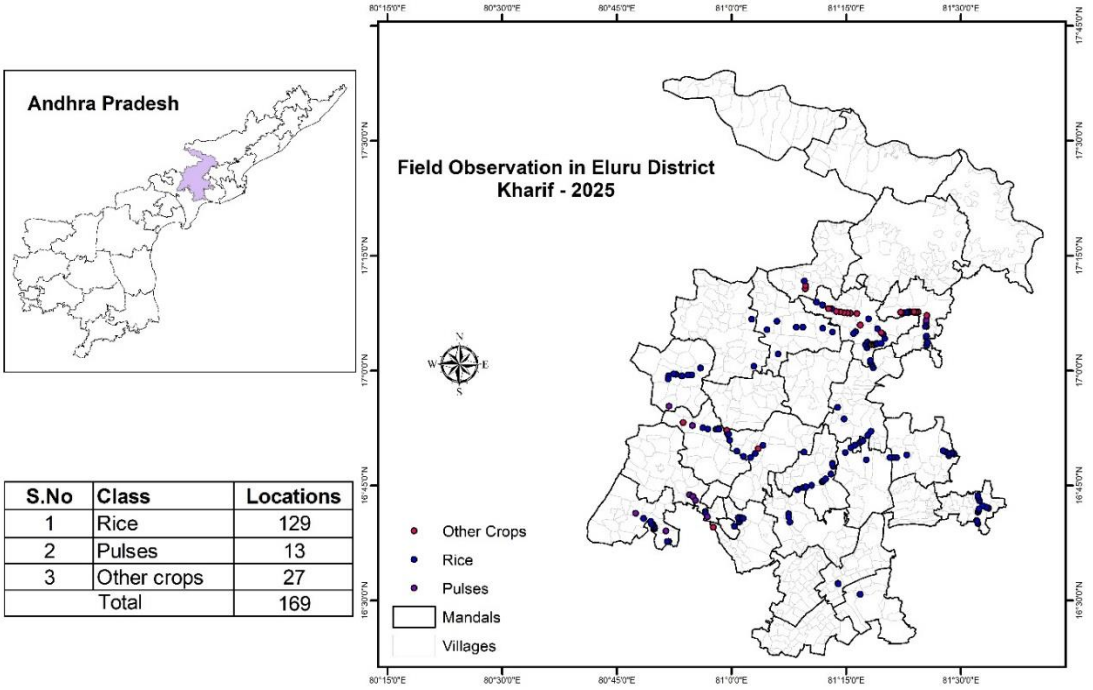
In **West Godavari district**, the survey documented 161 ground truth locations, all corresponding to rice crop fields. The complete details of these observations is provided in the respective table. Rice dominates the agricultural landscape of West Godavari during Kharif, and the ground truth polygons for these fields are illustrated in the associated figure 5.



Class	Locations
Rice	161

Figure 5: Ground Data of West Godavari District

In **Eluru district**, a total of 169 ground truth locations were collected, comprising 129 rice crop fields, 13 pulses locations, and 27 other crop fields. These observations, which reflect the mixed crop pattern of the district, is summarized in the map. The mapped distribution of polygons for rice and other crops is presented in the corresponding figure 6.

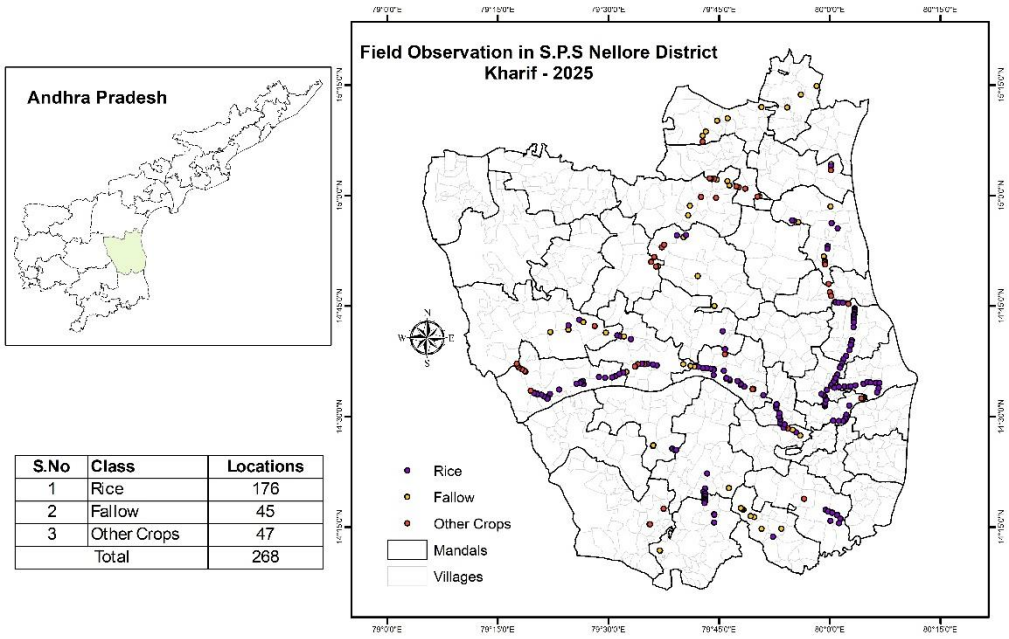


S.No	Class	Locations
1	Rice	129
2	Pulses	13
3	Other crops	27
	Total	169

Figure 6: Ground Data of Eluru District

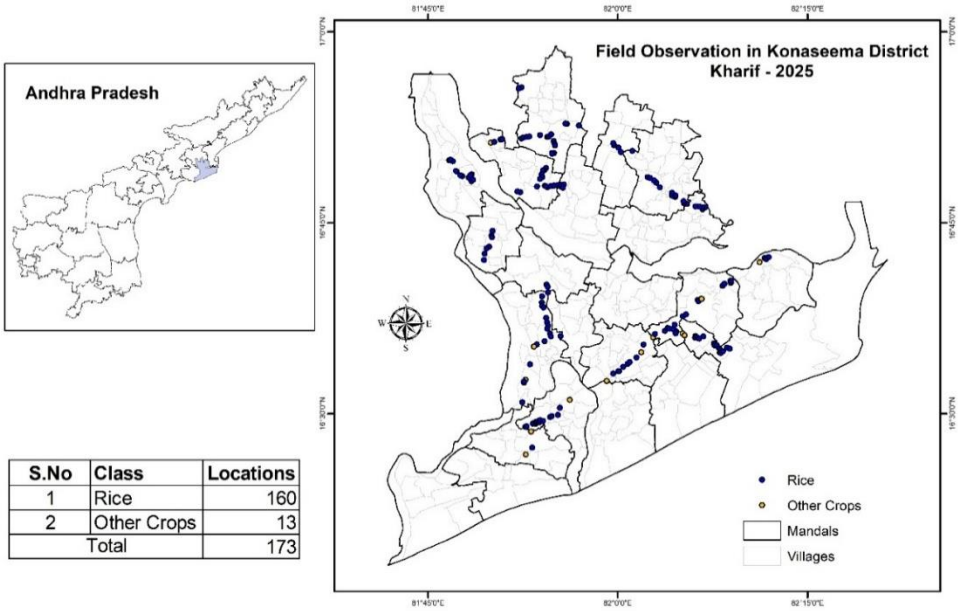
In **S.P.S Nellore district**, the team captured 268 ground truth locations, including 176 rice fields, 45 fallow areas, and 47 other crop fields. The detailed breakdown of these observations is provided in the map. Rice remains the principal Kharif crop here, with millet contributing additional crop diversity. The ground truth polygons representing these classes are mapped and shown in the relevant figure 7.

In **Konaseema district**, a total of 173 ground truth locations were documented, consisting of 160 rice crop fields and 13 other crop locations. The detailed dataset is presented in the map. Rice is the dominant Kharif crop cultivated in Konaseema, and the mapped polygons categorized by rice and other crop classes are illustrated in the corresponding figure 8.



S.No	Class	Locations
1	Rice	176
2	Fallow	45
3	Other Crops	47
Total		268

Figure 7: Ground Data of S.P.S Nellore District



S.No	Class	Locations
1	Rice	160
2	Other Crops	13
Total		173

Figure 8: Ground Data of Konaseema District

6.2 Rice crop classification

Rice crop mapping was carried out for five study districts of Andhra Pradesh using multi-temporal Sentinel-2 MSI surface reflectance imagery, acquired during the Kharif 2025 season, covering the active rice growing period from last week of May to First week of October 2025 and ground observations. The table of Sentinel-2 data used for classification is shown in Annexure-1. Maximum NDVI composites generated at fortnightly intervals were used to capture the characteristic phenological progression of rice. A Semi-automatic classification approach was adopted, where intial

unsupervised classification was carried using K-Means algorithm to generate spectral clusters, followed by class labelling using ground truth observations and spectral matching techniques.

The initial rice acreage estimates derived from remote sensing–based crop classification were compared with the Agriculture Department, Government of Andhra Pradesh Kharif 2025–26 estimates to assess consistency and deviation across districts. The analysis indicates that the classified rice area was higher than the Agriculture Department estimates in SPS Nellore district (85,413.5 ha vs. 79,601 ha), resulting in a positive deviation of 6.80%. In contrast, the classified area was lower than the Agriculture Department estimates in East Godavari (67,568.7 ha vs. 76,124 ha; –12.66%), Eluru (75,667.4 ha vs. 76,547 ha; –1.16%), Kona Seema (56,444.0 ha vs. 66,342 ha; –17.53%), and West Godavari (77,567.1 ha vs. 86,040 ha; –10.92%). Overall, the results show close agreement in Eluru district, while relatively higher negative deviations were observed in Kona Seema and East Godavari districts. The estimated acreage and deviation percentage is shown in Table 4.

To improve accuracy, the acreage was refined by applying sowing window identification and removing noise from non-rice classes. This adjustment ensured that only fields falling within the actual Kharif planting period and final acreages are show in Table 4.

Table 4: Comparison of Rice Acreage Estimates from Crop Classification and Government Statistics

	Area in Ha				
Source	S.P.S. Nellore	East Godavari	Eluru	Kona Seema	West Godavari
crop classification	85413.5	67568.7	75667.4	56444.0	77567.1
Govt. Stats	79601	76124	76547	66342	86040
Deviation%	6.80	-12.66	-1.16	-17.53	-10.92

To evaluate the accuracy of the rice crop classification, an independent validation dataset was prepared, consisting primarily of rice crop observations. A total of 1660 ground truth points was collected across the five study districts, from each district: East Godavari (313), Eluru (248), Konaseema (312), S.P.S Nellore (350), and West Godavari (316). While rice was the major target crop and received the largest share of observations, additional points for other land-use classes were included to ensure a comprehensive assessment. These validation samples were used exclusively for accuracy evaluation of the rice map.

6.2.1 East Godavari

Rice crop classification for East Godavari was completed using Sentinel-2 imagery supported by 163 rice ground observations. These signatures helped cleanly separate rice from fallow and mixed-crop patches across the district. The accuracy assessment was based on 313 validation points. Rice showed strong consistency with a user's accuracy of 97.99%, while the other-class category achieved 89.63%. The district's overall accuracy reached 93.93%, indicating reliable agreement between ground observations and the classified output.

Table 5:Error matrix of classification of East Godavari

Class	Rice	Non-rice	Total	User's Accuracy
Rice	146	3	149	97.99%
Non-rice	17	147	164	89.63%
Total	163	150	313	
	89.57	98	**Overall Accuracy**	93.93

The classification estimated 79,179 hectares of rice, and the spatial distribution of these mapped rice fields are shown in the corresponding figure 9.

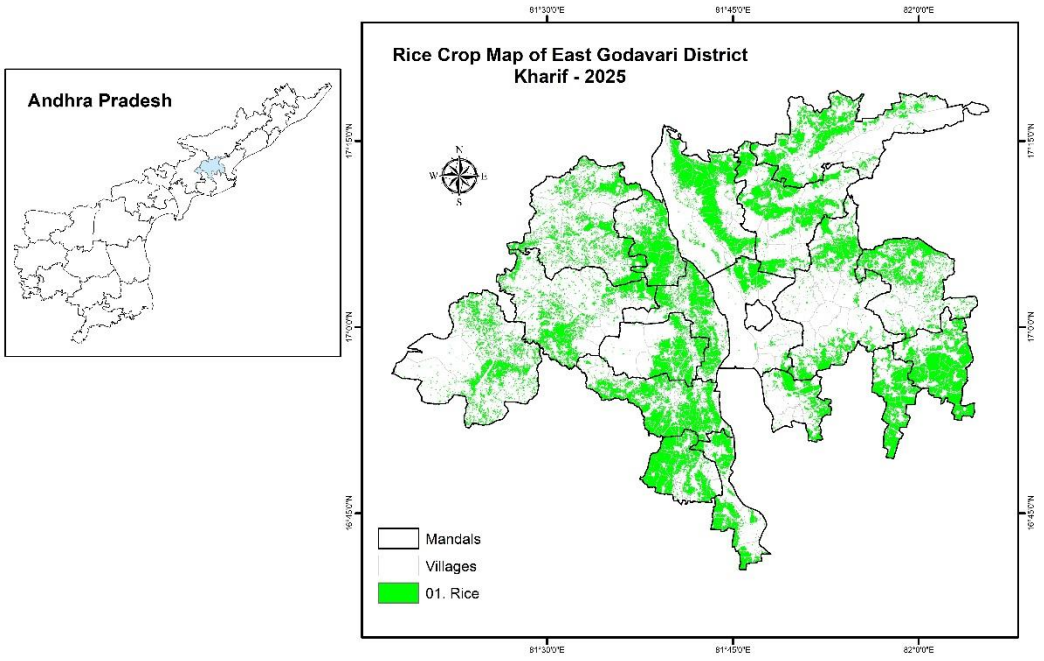


Figure 9: Rice crop map of East Godavari District

6.2.2 West Godavari

In West Godavari, the classification was guided by 161 rice ground truth points. Sentinel-2 clearly captured the crop's growth stage, making rice extraction straightforward and stable. The classification was evaluated using 316 validation points. Rice achieved 100% user's accuracy, and the other-class category reached 94.44%. The overall accuracy of 97.47% marks this as the highest-performing district in the assessment.

Table 6: Error matrix of classification of West Godavari

Class	Rice	Non-rice	Total	User's Accuracy
Rice	154	0	154	100.00%
Non-rice	9	153	162	94.44%
Total	163	153	316	
	94.44	100	**Overall Accuracy**	97.47

The classified output indicated about 81,530 hectares of rice in the district, with the mapped extent illustrated in the respective figure 10.

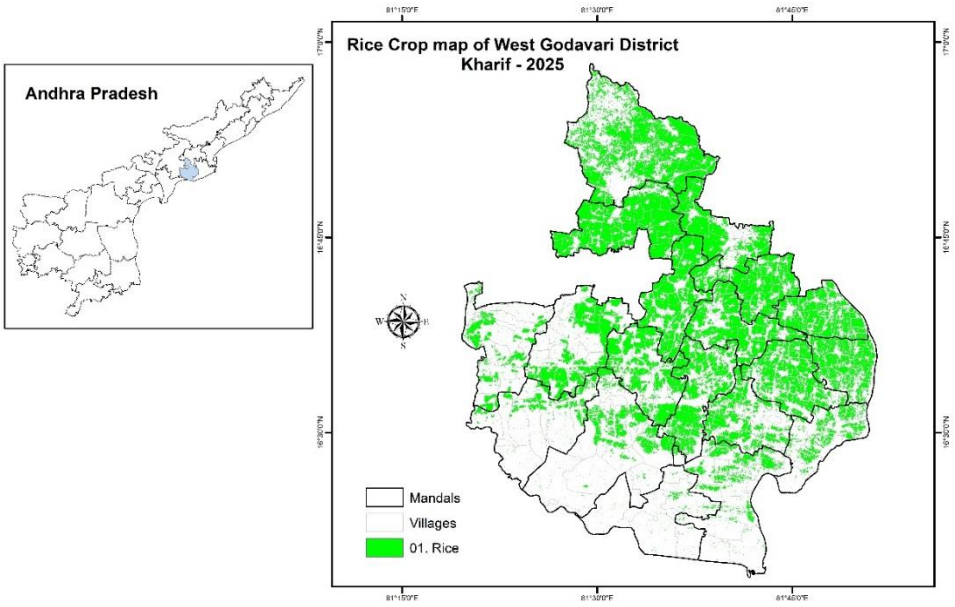


Figure 10: Rice crop map of West Godavari District

6.2.3 Eluru

Rice classification in Eluru relied on 129 reference points collected during fieldwork. The spectral response of rice during the acquisition period allowed for a crisp separation from pulses and other crops. The evaluation used 248 validation points. Rice recorded a user's accuracy of 91.53%, and the other-class category stood at

83.85%. The overall accuracy of 87.9% reflects reasonable classification performance, with some confusion between rice and Non-rice classes.

Table 7: Error matrix of classification of Eluru

Class	Rice	Non-rice	Total	User's Accuracy
Rice	108	10	118	91.53%
Non-rice	21	109	130	83.85%
Total	129	119	248	
	83.07	91.6	**Overall Accuracy**	87.9

The estimated rice area from the classification came to 88,763 hectares, and the spatial pattern of classified rice fields are shown in the figure 11.

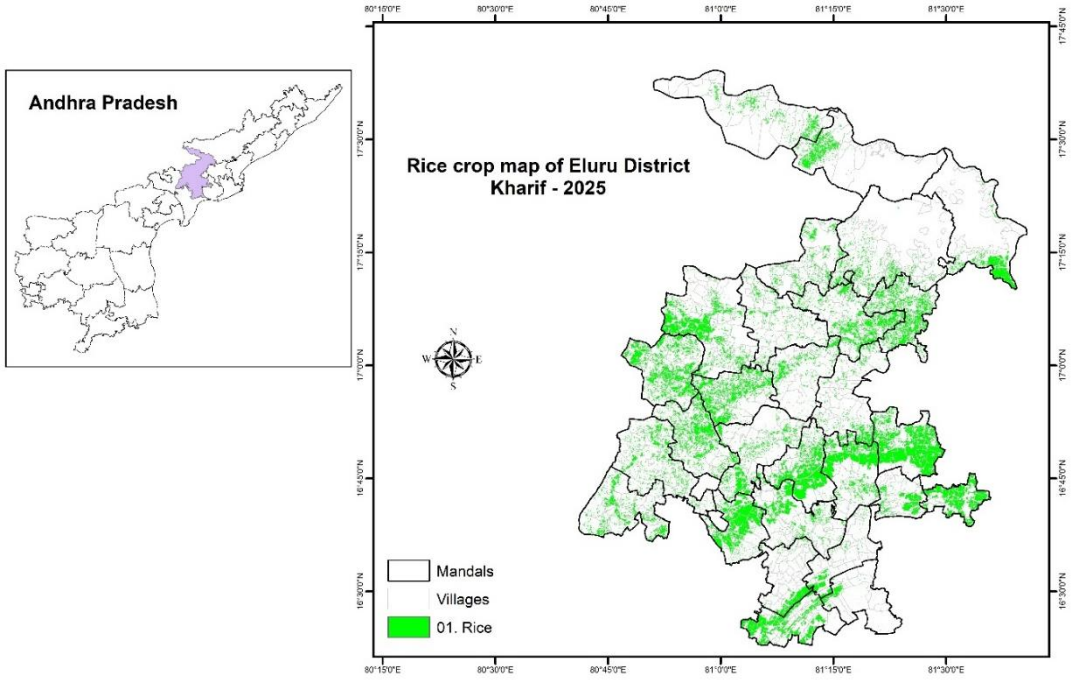


Figure 11: Rice crop map of Eluru District

6.2.4 S.P.S Nellore

For S.P.S Nellore, the classifier used 176 rice observations to build the signatures. Sentinel-2 reflectance during the active crop phase supported a reliable extraction of rice from surrounding fallow and millet fields. The accuracy assessment used 350 validation points. Rice showed a user's accuracy of 86.71%, and the other-class category was close behind at 84.75%. The overall accuracy of 85.71% suggests more spectral overlap across classes in this district than in the coastal ones.

Table 8: Error matrix of classification of S.P.S Nellore

Class	Rice	Non-rice	Total	User's Accuracy

Rice	150	23	173	86.71%
Non-rice	27	150	177	84.75%
Total	177	173	350	
	84.75	86.71	**Overall Accuracy**	85.71

The analysis showed a rice area of 1,08,586 hectares, and the mapped distribution are shown in the associated figure 12.

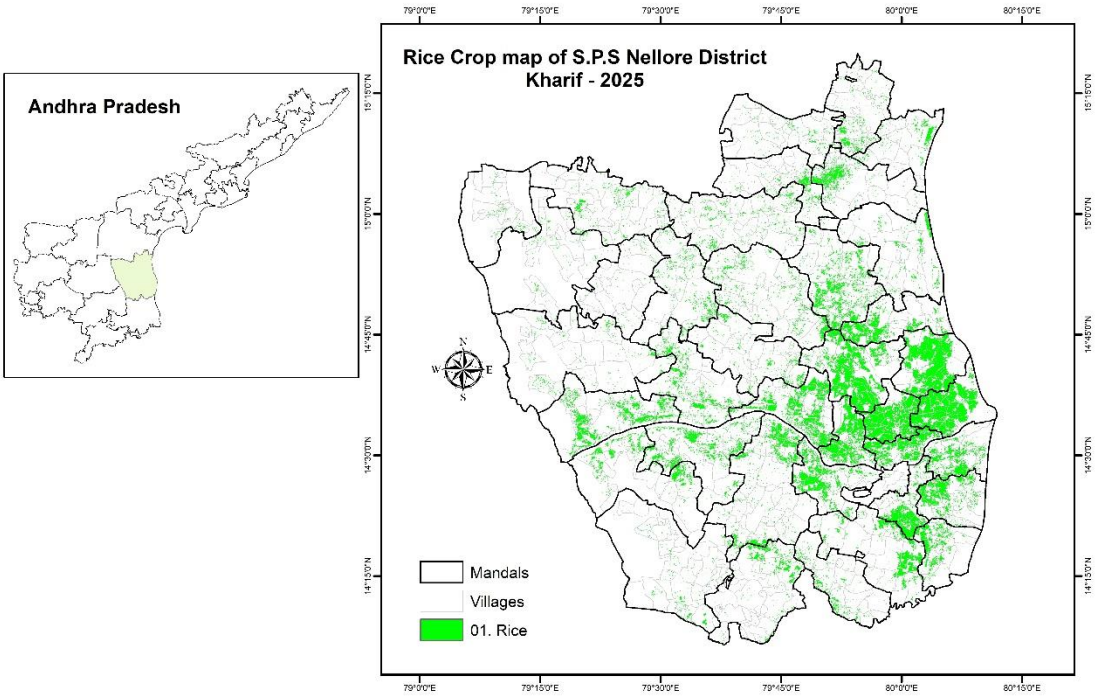


Figure 12: Rice crop map of S.P.S Nellore District

6.2.5 Konaseema

In Konaseema, classification was strengthened by 160 rice ground points, allowing the model to delineate rice accurately across the deltail landscape. The classifier was tested against 312 validation points and delivered excellent performance. Rice achieved a user's accuracy of 99.34%, while the other-crop class reached 93.17%. The overall accuracy was 96.15%, demonstrating strong separation between crop classes.

Table 9: Error matrix of classification of Konaseema

Class	Rice	Non-rice	Total	User's Accuracy
Rice	150	1	151	99.34%
Non-rice	11	150	161	93.17%
Total	161	151	312	

	93.17	99.34	**Overall Accuracy**	96.15

The estimated rice area from the classified output was around 61,837 hectares, and the spatial layout of these rice fields are presented in the relevant figure 13.

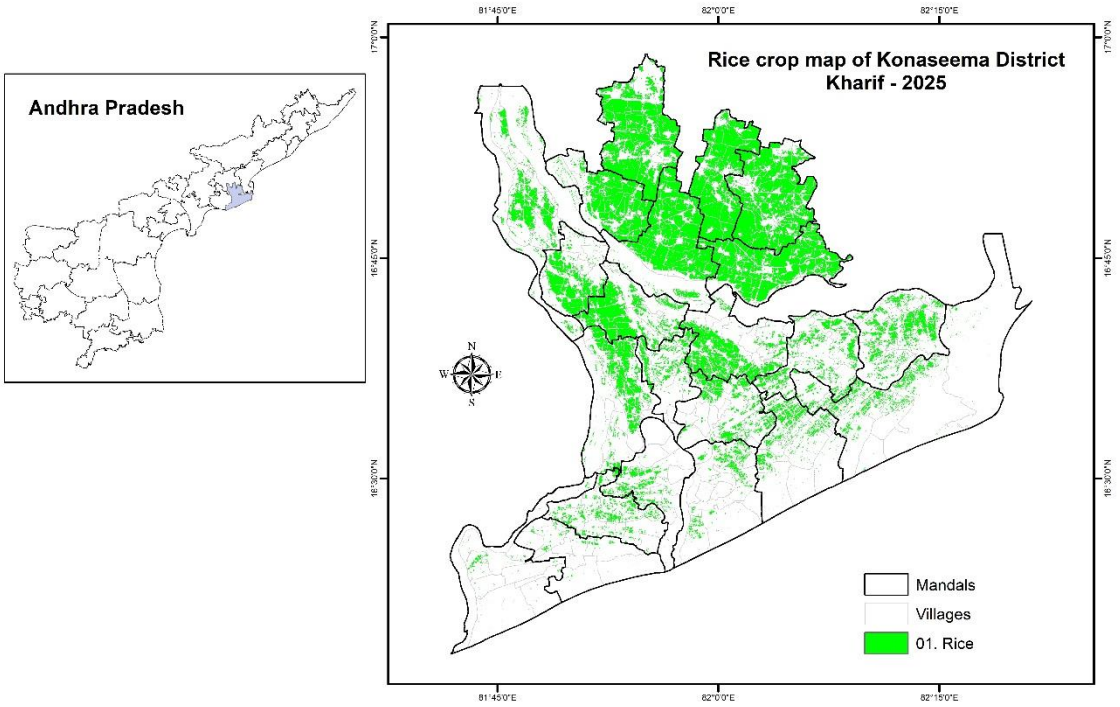


Figure 13: Rice crop map of Konaseema District

6.3 Crop Condition Assessment

Rice crop condition was assessed at village level during the active growth and early reproductive stages of the Kharif 2025 season, primarily covering the period from July to September, using time-series satellite-derived vegetation indices (Figure 14 to 18). During July, rice fields across all districts moved through their early establishment and vegetative stages, starting with light green, partially settled seedlings in early July and progressing into a more uniform, deeper green canopy by the end of the month. Early August showed strong, healthy tillering and stable growth supported by consistent irrigation, but conditions shifted sharply in the second half of August, when all districts experienced significant crop stress

With improved rainfall in early September, most fields recovered quickly, returning to high chlorophyll activity as the crop moved into panicle initiation and early heading. By late September, rice had advanced into heading and early grain filling, canopy greenness began to level off, and fields showed steady maturation with no lingering district-wide stress from the August event.

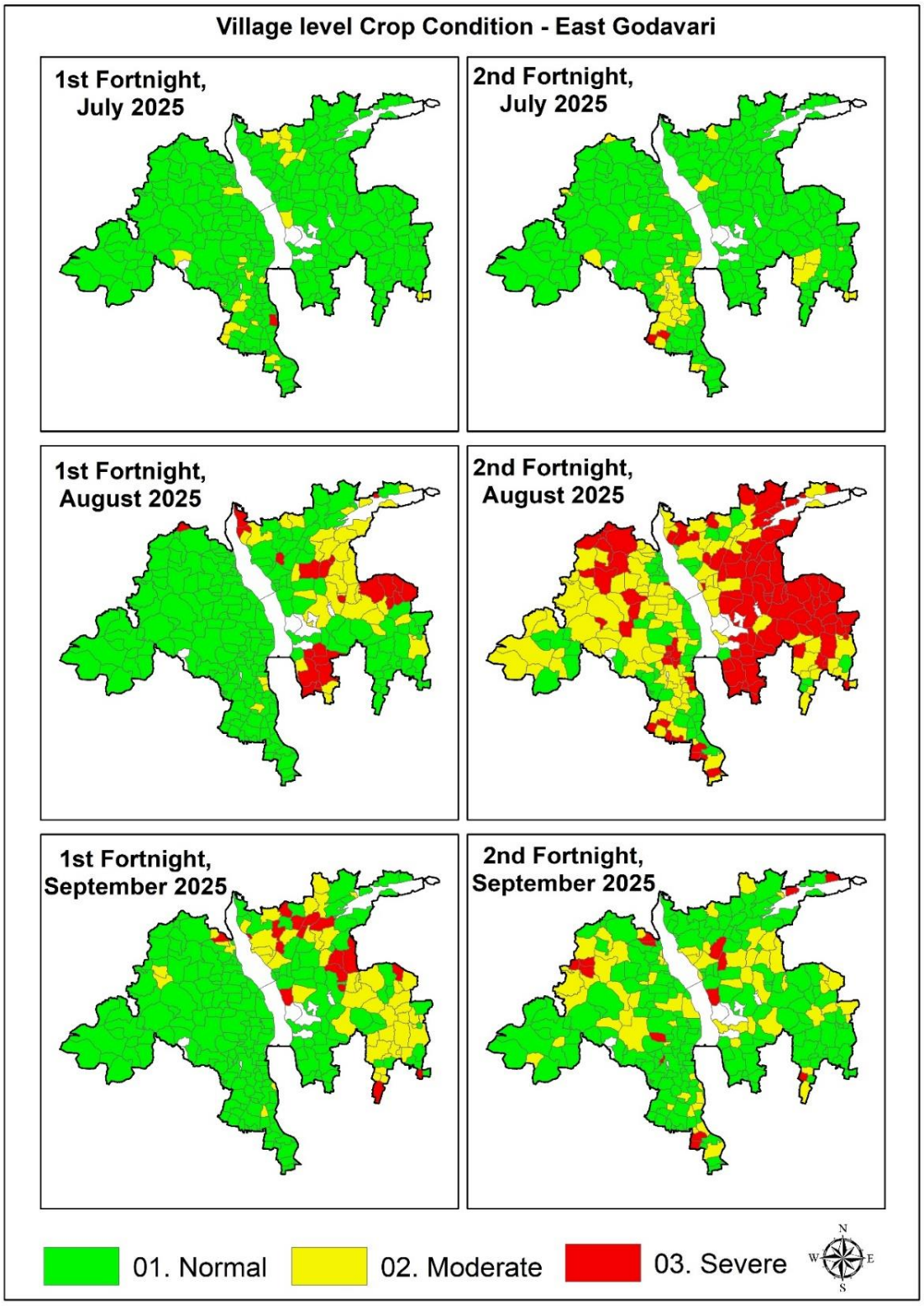


Figure 14: Rice crop stress maps of East Godavari District

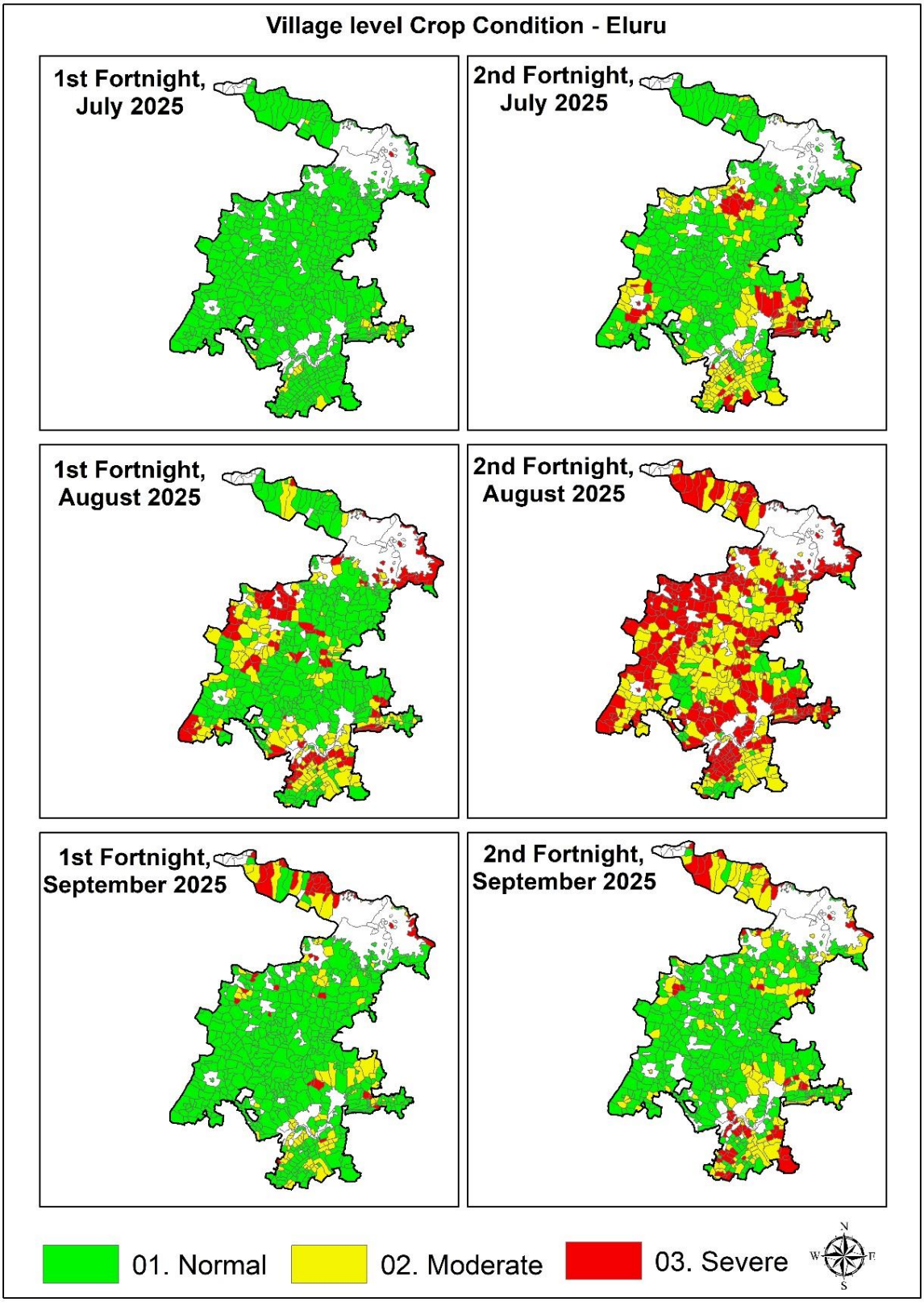


Figure 15: Rice crop stress maps of Eluru District

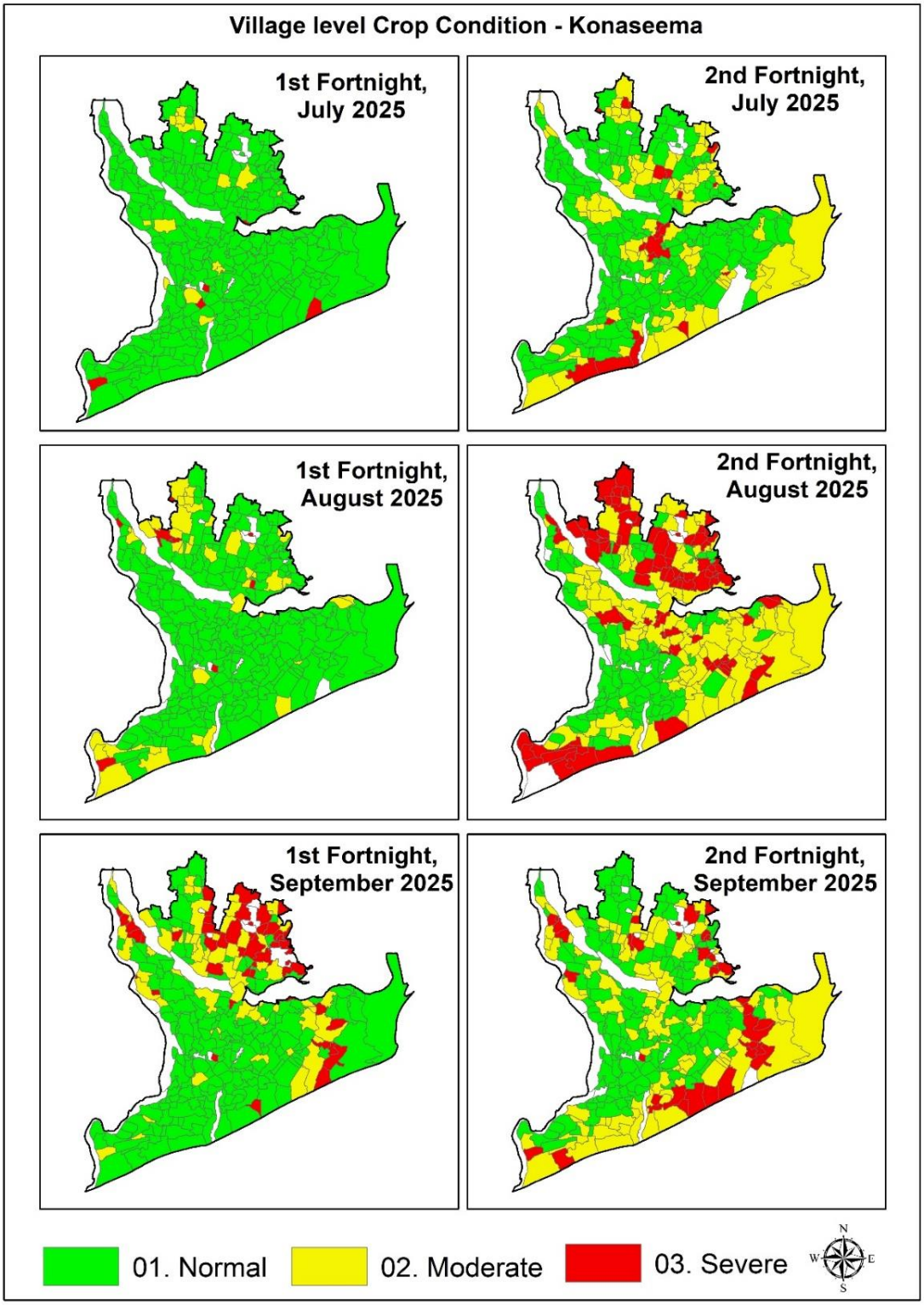


Figure 16: Rice crop stress maps of Konaseema District

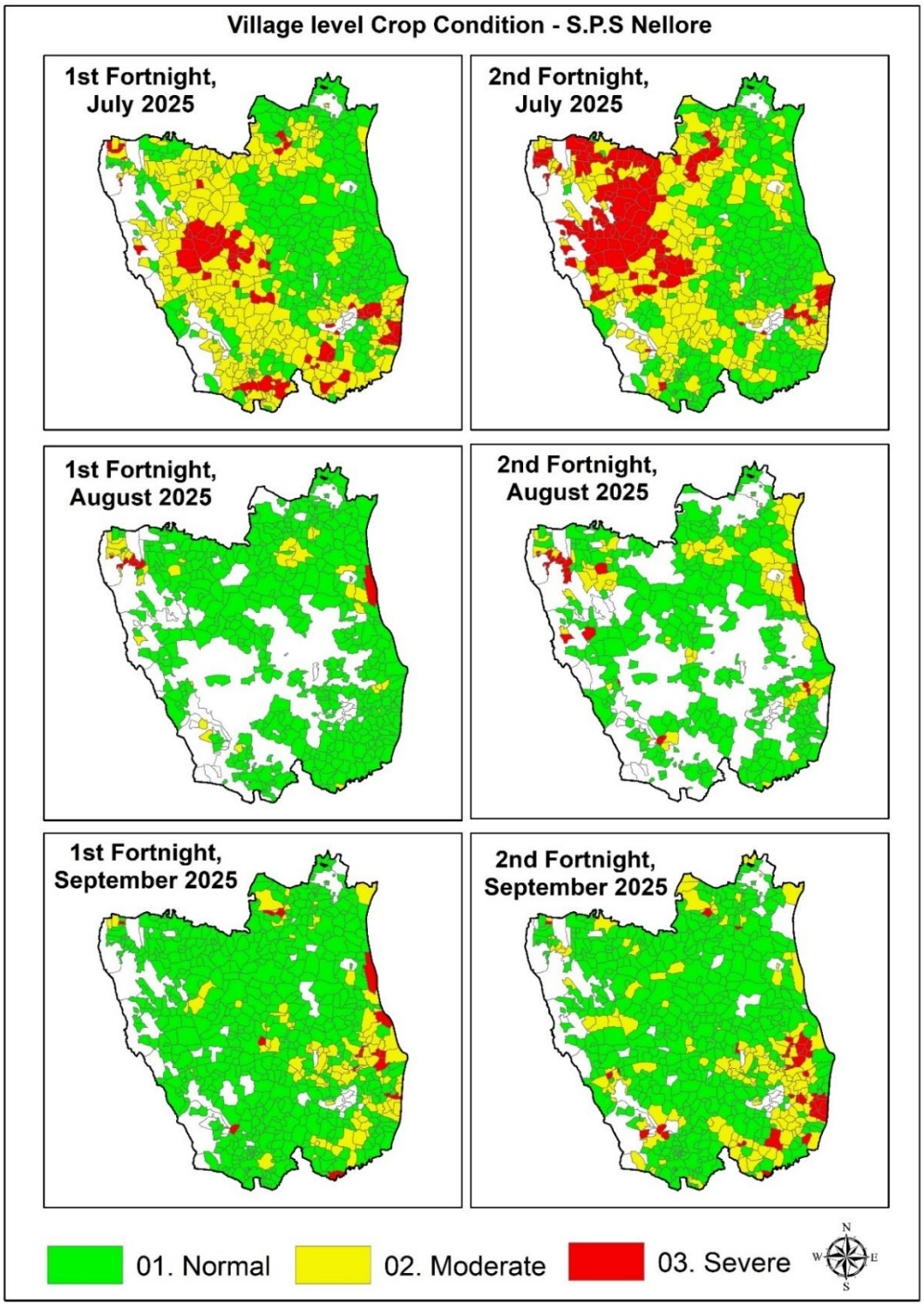


Figure 17: Rice crop stress maps of S.P.S Nellore District

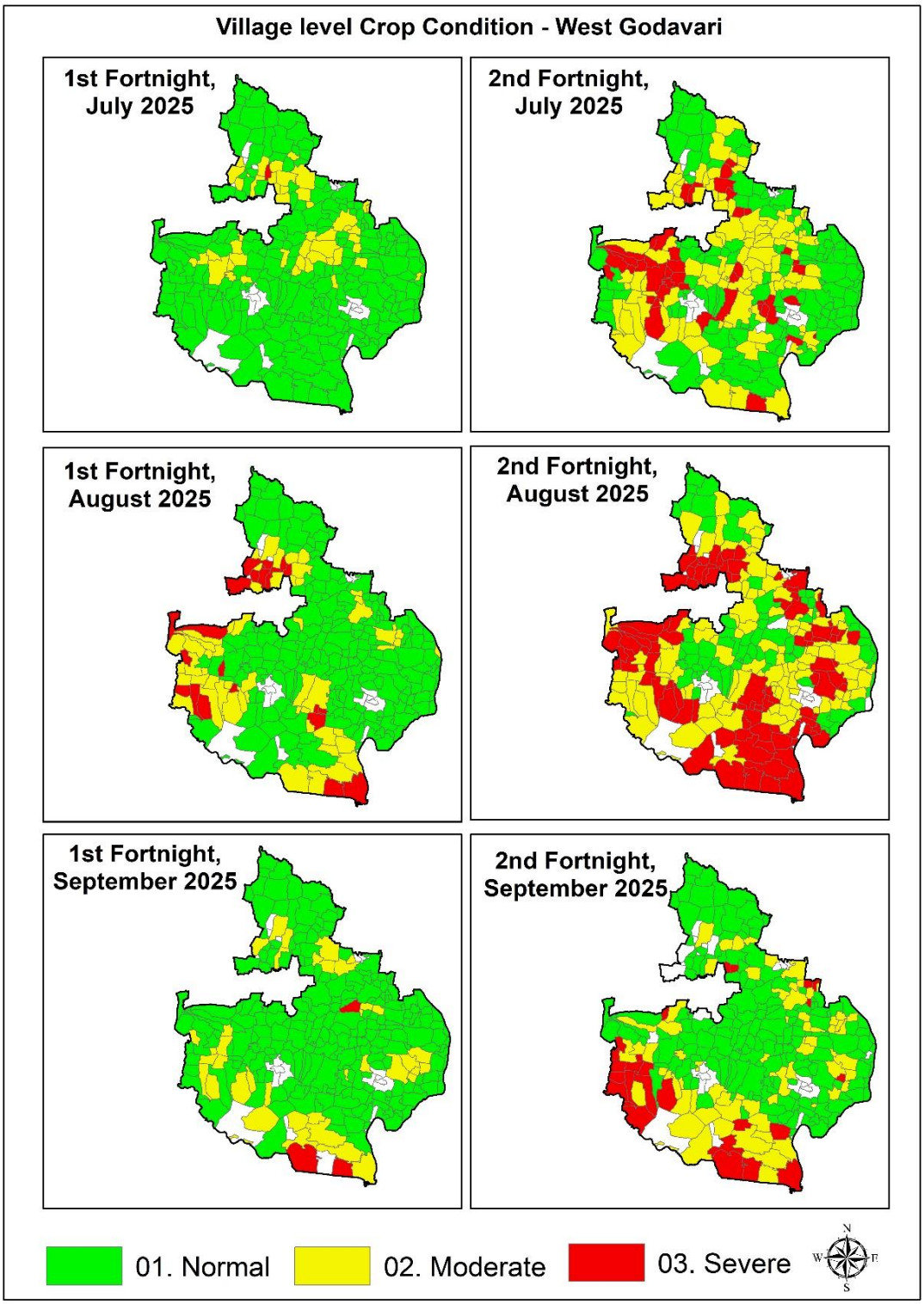


Figure 18: Rice crop stress maps of West Godavari District

6.4 Planting date

The planting date of the rice crop was derived using time-series MODIS fortnightly NDVI data, which effectively captured the temporal dynamics of transplanting in East Godavari, Eluru, Konaseema, and West Godavari districts (Figure 19).

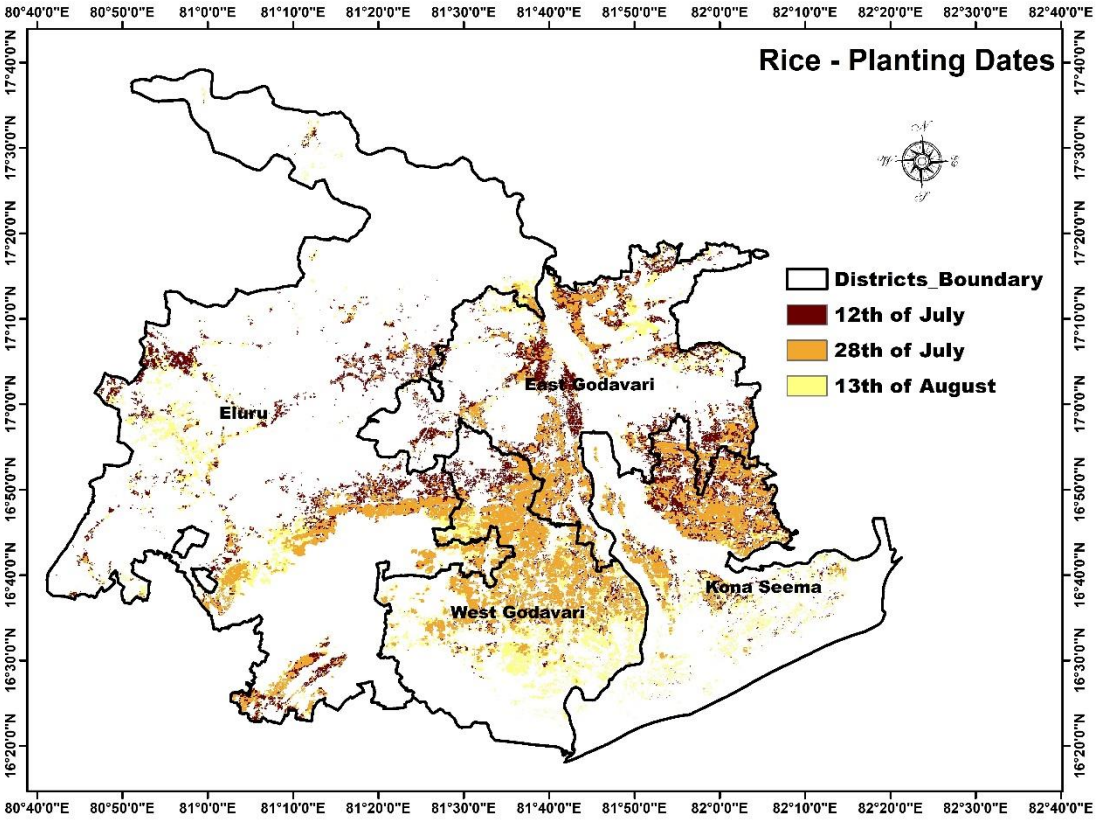


Figure 19: Rice planting dates of E. Godavari, W. Godavari, Eluru and Konaseema districts

In East Godavari district, the majority of rice transplanting occurred between 12 July and 13 August, with 44.3% of the rice area showing active transplanting signals on 12 July, followed by 40.7% on 28 July. The remaining 15.0% of the rice area exhibited transplanting signatures on 13 August, indicating that sowing activities were largely completed by mid-August. A similar temporal pattern was observed in Eluru district, where rice transplanting was concentrated between 12 July and 13 August (Figure 19). Approximately 26,627 ha (35.2%) showed active transplanting signals on 12 July, followed by 27,775 ha (36.7%) on 28 July, reflecting a sustained transplanting phase during mid- to late July. By 13 August, the area exhibiting new transplanting signatures declined to 21,264 ha (28.1%), suggesting progression to early vegetative growth.

In Konaseema district, rice sowing exhibited a relatively wider temporal window compared to East Godavari, Eluru, and West Godavari districts (Figure 19). Transplanting activity commenced around 12 July, with about 15,653 ha (27.7%)

showing active sowing signatures, followed by a pronounced peak during late July, when 28,618 ha (50.7%) exhibited transplanting signals on 28 July, indicating this period as the principal transplanting phase. By 13 August, the area under sowing-stage signatures declined to 12,172 ha (21.6%), suggesting completion of transplanting activities by mid-August. In West Godavari district, rice sowing was relatively more staggered, reflecting variability across command and non-command irrigation zones (Figure 19). Early transplanting signals were limited on 12 July, covering about 8,034 ha (10.4%), while transplanting activity peaked on 28 July with 45,557 ha (58.7%). By 13 August, the area under sowing-stage signatures reduced to 23,975 ha (30.9%), confirming a broader and distributed transplanting window extending from mid-July into early August.

S.P.S. Nellore district exhibited the earliest rice sowing pattern among all the districts, as illustrated in Figure 20. Transplanting activity commenced as early as 25th May, with approximately 31,803 ha (36.7%) showing active sowing signatures. This was followed by 10,673 ha (12.3%) around 10th June, and a subsequent expansion to 28,657 ha (33.1%) around 26th June, indicating a sustained early transplanting phase. By 12th July), an additional 14,279 ha (16.5%) exhibited transplant signatures. These observations confirm that rice sowing in S.P.S. Nellore predominantly occurred from early June through mid-July, reflecting the district's long-established practice of advancing kharif rice transplanting ahead of the monsoon onset.

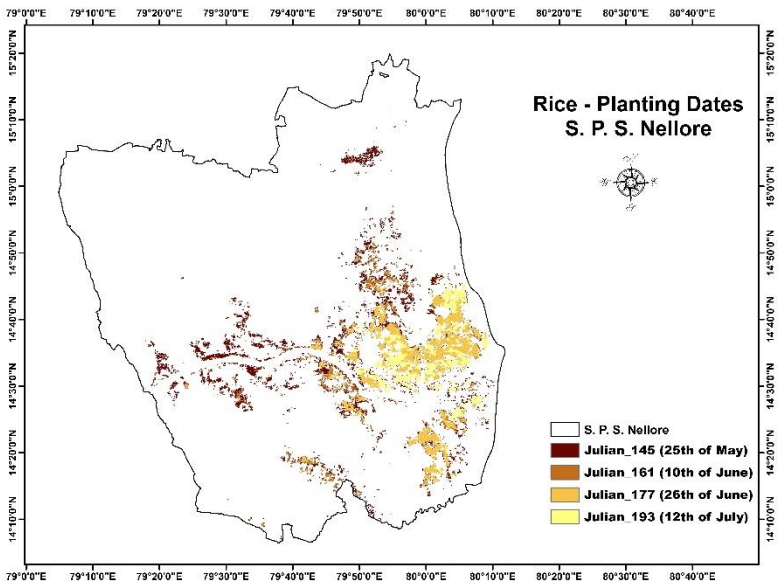


Figure 20: Rice planting dates of S.P.S Nellore District

6.5 Calibration of Model and estimation of Harvest Index (HI)

In this study, the Harvest Index (HI) was derived using biomass estimates obtained from the semi-physical model and yield data from the previous seasons (2023–24 and 2024–25) collected through Crop Cutting Experiments (CCEs). The HI was calculated exclusively for villages within each district where rice cultivation is predominant.

The Harvest Index in East Godavari, West Godavari, and Eluru districts ranged from 0.30 to 0.55. In Konaseema district, HI values varied between 0.30 and 0.50, while SPS Nellore district exhibited a wider range from 0.35 to 0.55. The Harvest Index maps are presented in Figures 21 to 25.

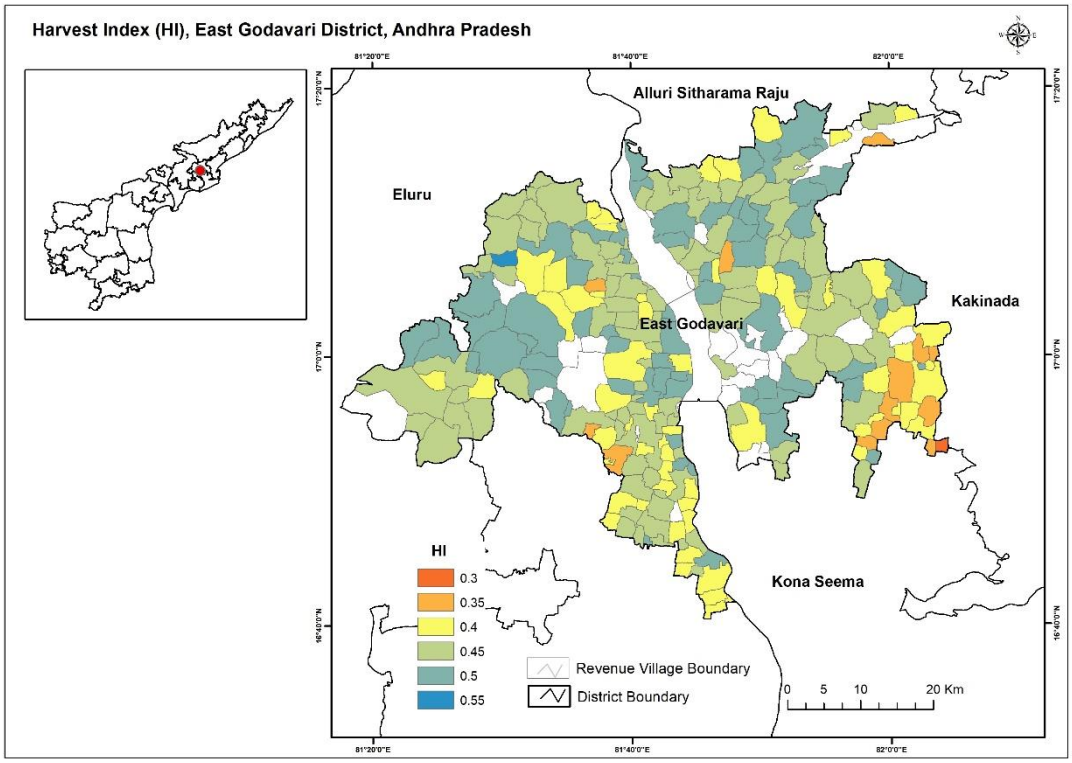


Figure 21: Harvest Index map of East Godavari District

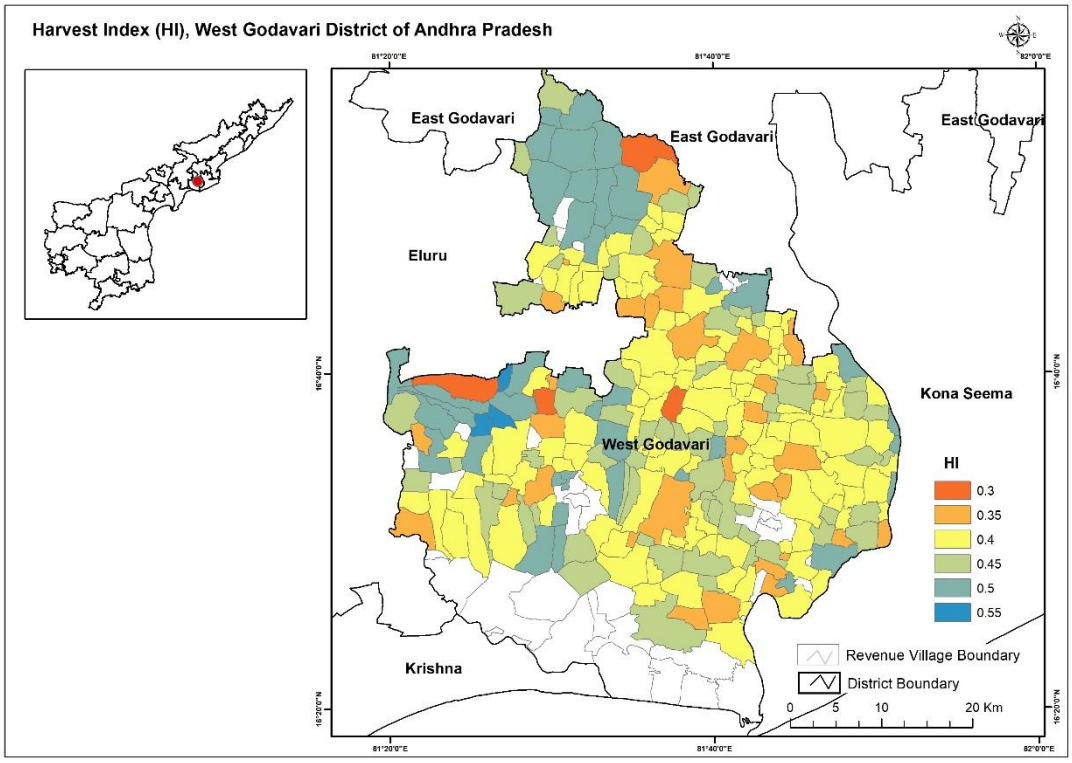


Figure 22: Harvest Index map of West Godavari District

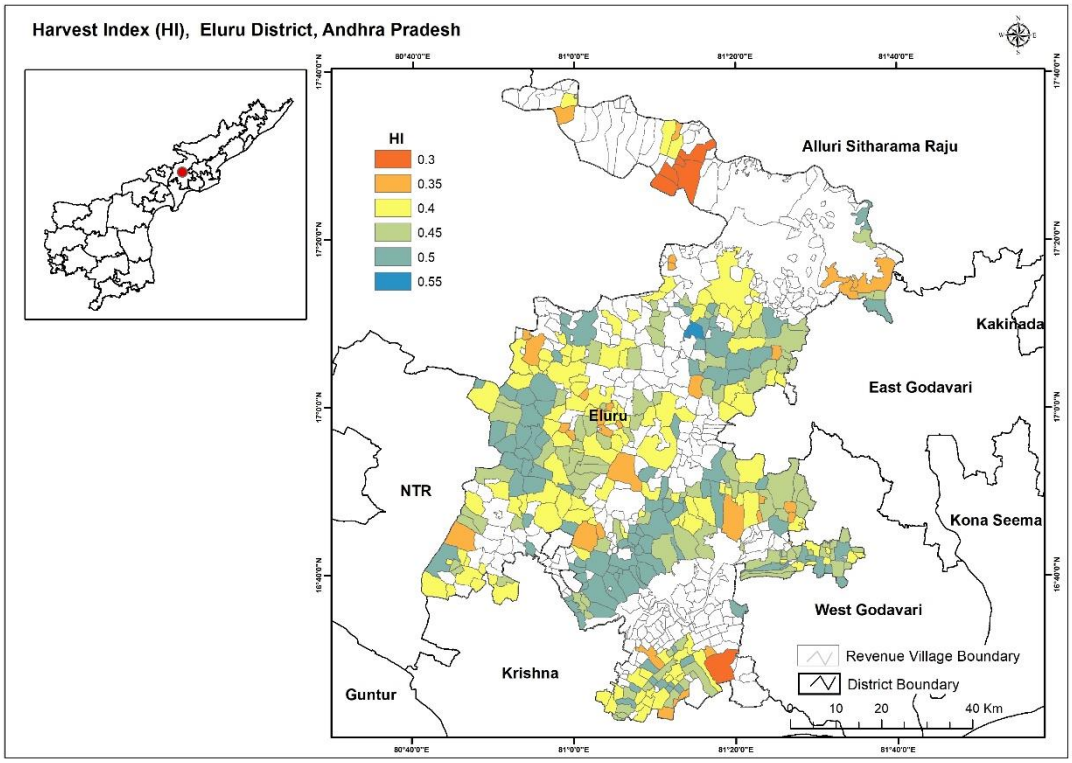


Figure 23: Harvest Index map of Eluru District

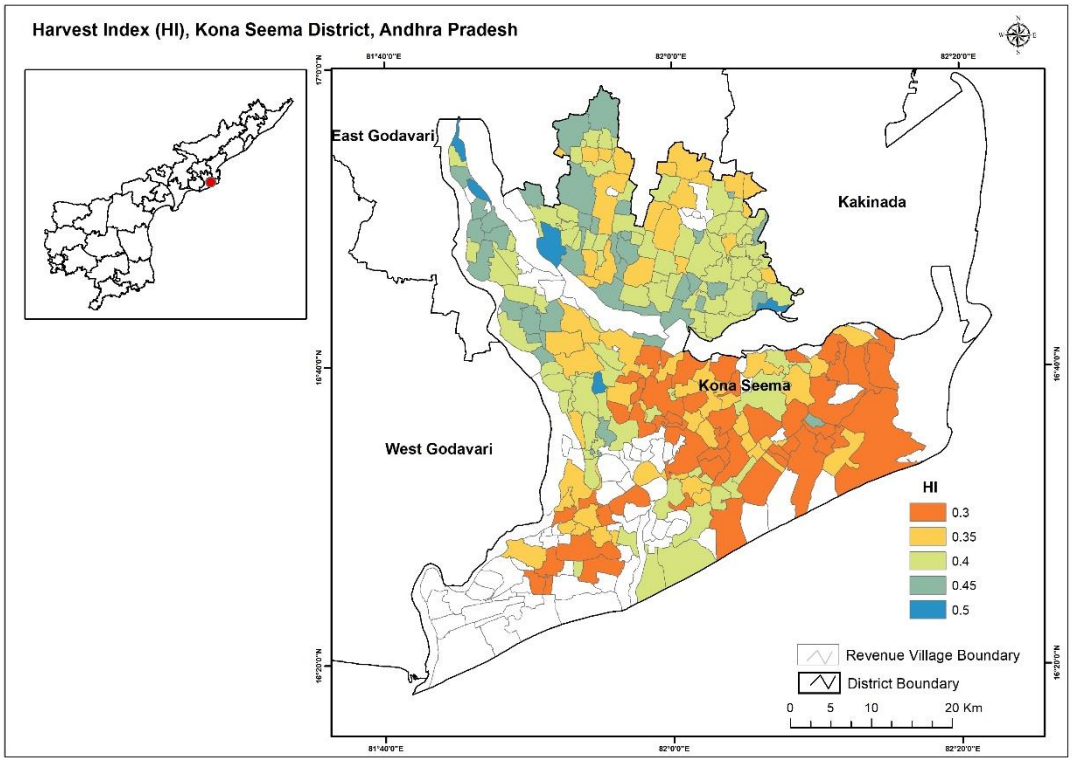


Figure 24: Harvest Index map of Kona Seema District

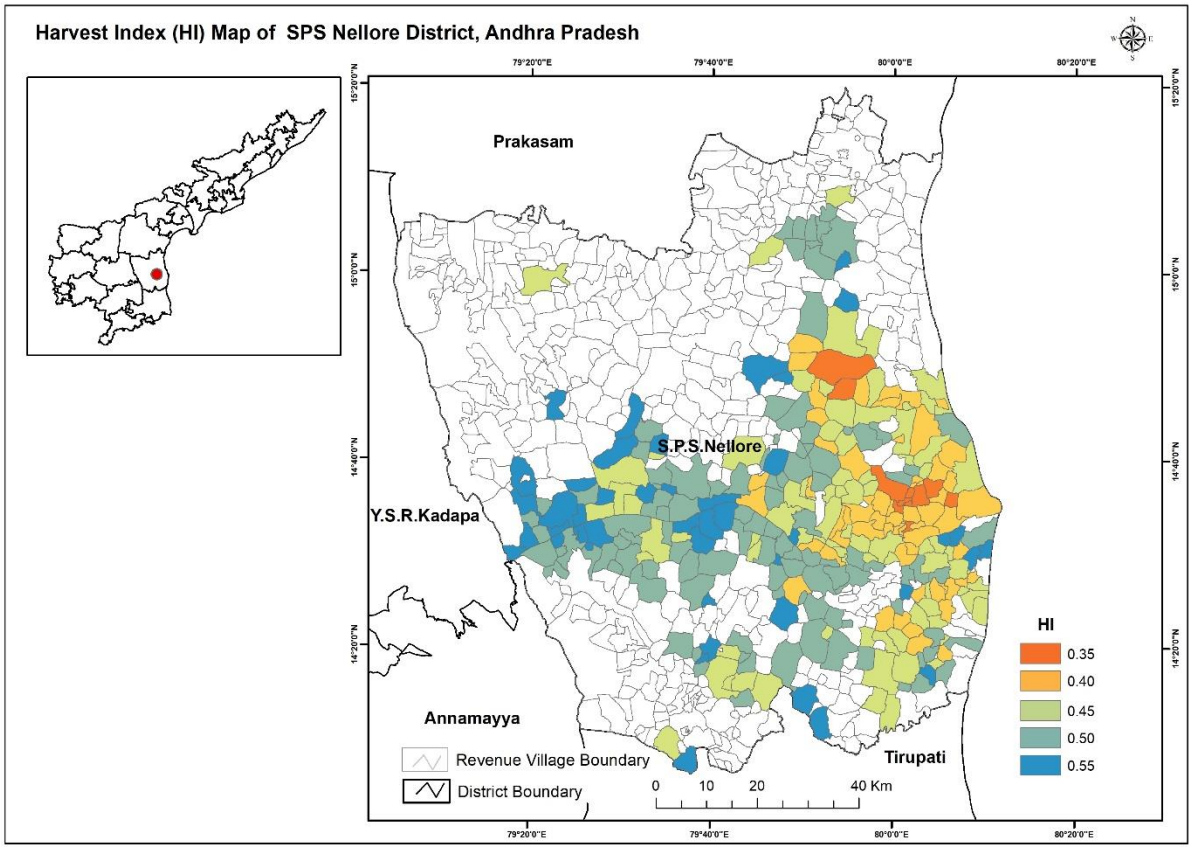


Figure 25: Harvest Index map of SPS Nellore District

6.6 Inputs of Semi-Physical Model

6.6.1 Photosynthetically Active Radiation (PAR)

Temporal (8-day interval) Photosynthetically Active Radiation (PAR; MJ m^{-2} $8d^{-1}$) maps generated for East Godavari, West Godavari, Eluru, Konaseema and SPS Nellore districts during Kharif 2025 reveal considerable spatial and temporal variability in PAR levels.

Across the four (East Godavari, West Godavari, Eluru, Konaseema) districts, PAR values from July to December 2025 showed notable monthly variation. During July, PAR ranged from 30 to 85 MJ m^{-2} $8d^{-1}$. In August, values increased, ranging between 26 and 85 MJ m^{-2} $8d^{-1}$. September PAR levels varied from 41 to 73 MJ m^{-2} $8d^{-1}$, while October recorded the ranges, from 28 to 69 MJ m^{-2} $8d^{-1}$. In November, PAR values ranged from 33 to 58 MJ m^{-2} $8d^{-1}$, while December recorded the ranges, from 45 to 63 MJ m^{-2} $8d^{-1}$.

For Nellore district during Kharif 2025 reveal noticeable spatial and temporal variability in PAR levels. Across the district, PAR values from June to November 2025 exhibited marked monthly variation. During June, PAR ranged from 22 to 82 MJ m^{-2} $8d^{-1}$. In July, values varied between 20 to 72 MJ m^{-2} $8d^{-1}$. August recorded PAR values ranging from 31 to 83 MJ m^{-2} $8d^{-1}$, while September showed ranges between 54 and 80 MJ m^{-2} $8d^{-1}$. October recorded PAR values ranging from 26 to 69 MJ m^{-2} $8d^{-1}$, while November showed ranges between 42 and 66 MJ m^{-2} $8d^{-1}$.

The PAR maps (Figures 26 and 27) provide valuable insights into the spatial and temporal distribution of solar radiation across the study area, supporting informed agricultural planning and crop management decisions during the Kharif season.

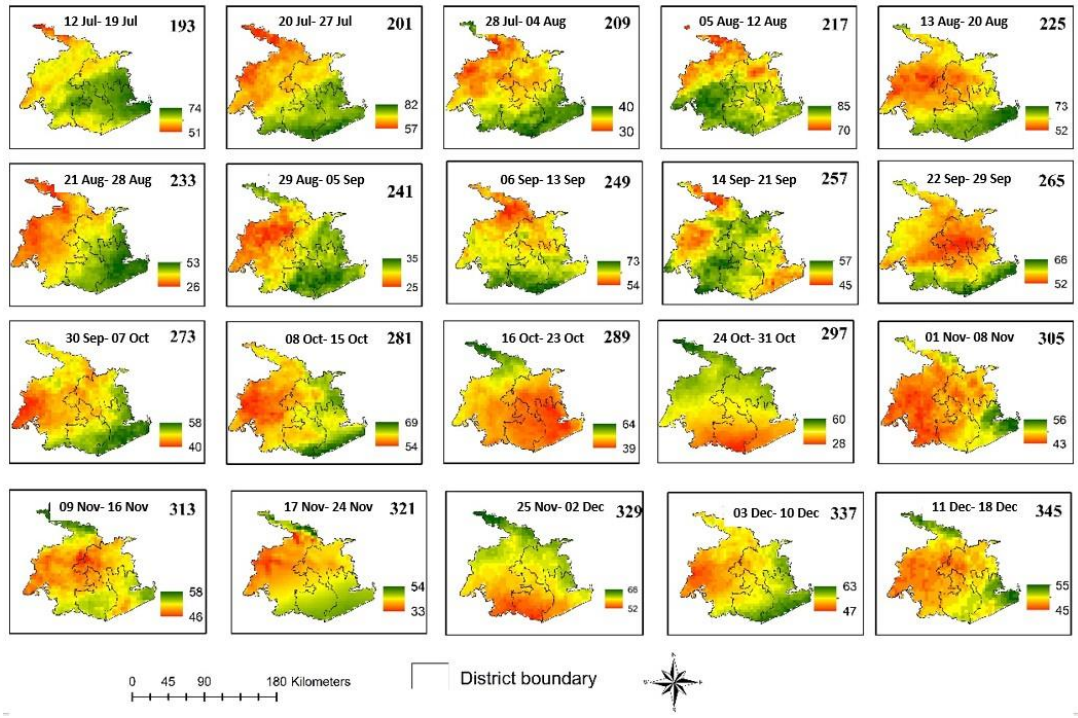


Figure 26: Temporal PAR (MJ/8day) of four districts during Kharif 2025

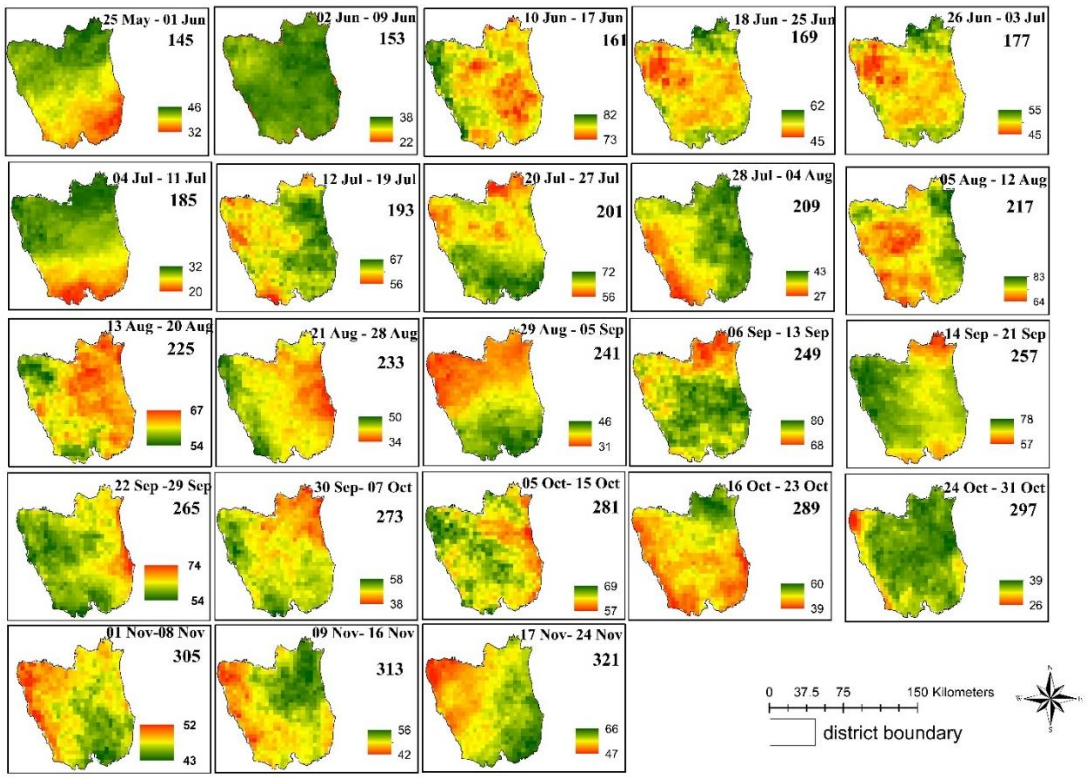


Figure 27: Temporal PAR (MJ/8day) of Nellore districts during Kharif 2025

6.6.2 Fraction of Absorbed Photo-synthetically Active Radiation (FAPAR)

Temporal (8-day interval) Fraction of Absorbed Photosynthetically Active Radiation (FAPAR) maps were acquired for East Godavari, West Godavari, Eluru, Konaseema and SPS Nellore districts during the Kharif season of 2025, with FAPAR values ranging from 0 to 1.

Across the four (East Godavari, West Godavari, Eluru, Konaseema) districts, FAPAR values from July to December 2025 exhibited clear monthly variation. During July, FAPAR ranged from 0.24 to 0.97. In August, values varied between 0.48 and 0.96. September recorded FAPAR values ranging from 0.68 to 0.96, while October showed relatively higher and more stable values, ranging from 0.60 to 0.96. In November, FAPAR values ranged from 0.58 to 0.94, while December showed relatively higher and more stable values, ranging from 0.52 to 0.97.

For Nellore district, FAPAR reflecting distinct spatial and temporal vegetation dynamics due to its differing agro-climatic setting. From June to November 2025, FAPAR values showed noticeable monthly variation. During June, FAPAR ranged from 0.39 to 0.97 while in July the FAPAR values ranged between 0.53 and 0.94. August recorded FAPAR values from 0.53 to 0.99, followed by September with values ranging from 0.45 to 0.95. During October, FAPAR ranged from 0.35 to 0.96 while in November the FAPAR values ranged between 0.25 and 0.91.

The FAPAR maps (Figures 28 and 29) provide critical insights into the spatial and temporal distribution of FAPAR during the Kharif season.

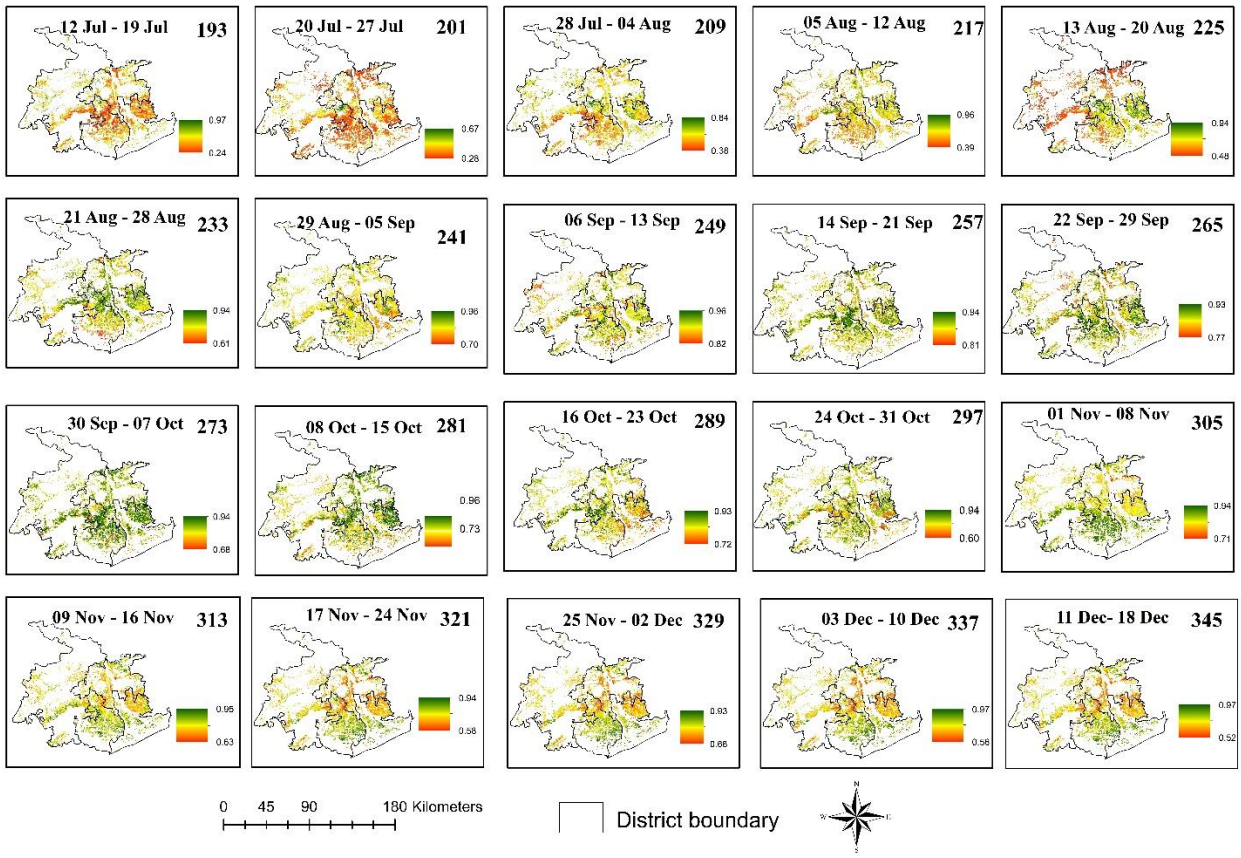


Figure 28: Temporal FAPAR spatial maps of four districts during Kharif 2025

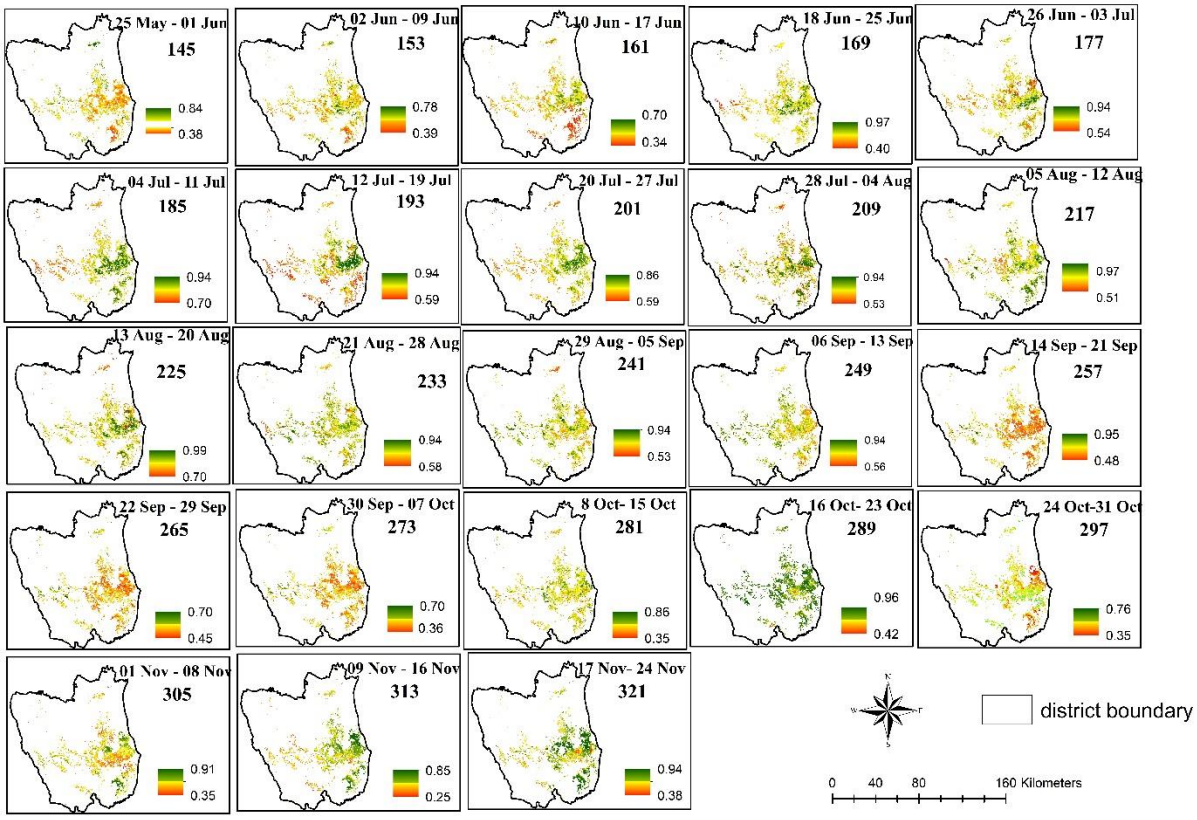


Figure 29: Temporal FAPAR spatial maps of Nellore districts during Kharif 2025

6.6.3 Water Scalar Maps (WS)

Temporal (8-day interval) Water Scalar maps generated for East Godavari, West Godavari, Eluru, Konaseema, and SPS Nellore districts during Kharif 2025 reveal considerable spatial and temporal variability in crop water stress conditions.

Across the four districts of East Godavari, West Godavari, Eluru, and Konaseema, Water Scalar values from July to December exhibited pronounced monthly variation. During July, Water Scalar values ranged from 0.5 to 1.0, indicating moderate to favorable soil moisture conditions across most areas. In August, values generally increased and varied between 0.65 and 1.0, reflecting improved moisture availability following monsoonal rainfall. September Water Scalar values ranged from 0.5 to 1.0, suggesting relatively stable moisture conditions with localized stress. During October, values declined and ranged from 0.58 to 1.0, indicating the onset of moisture stress in certain pockets. In November, Water Scalar values ranging from 0.56 to 1.0, while in December ranged from 0.5 to 1.0 reflecting increasing water limitation toward the end of the Kharif season. In Nellore district, Water Scalar values ranged from 0.5 to 1.0, indicating predominantly water-stressed conditions prior to monsoon onset. In July, Water Scalar values varied between 0.6 and 1.0, reflecting gradual improvement in soil moisture. August recorded values ranging from 0.5 to 1.0, while September showed values between 0.5 and 1.0. October recorded values ranging from 0.6 to 1.0, while November showed values between 0.5 and 1.0, indicating increasing moisture stress toward crop maturity. The

Water Scalar maps (Figures 30 and 31) provide critical insights into the spatial and temporal distribution of stress condition during the Kharif season.

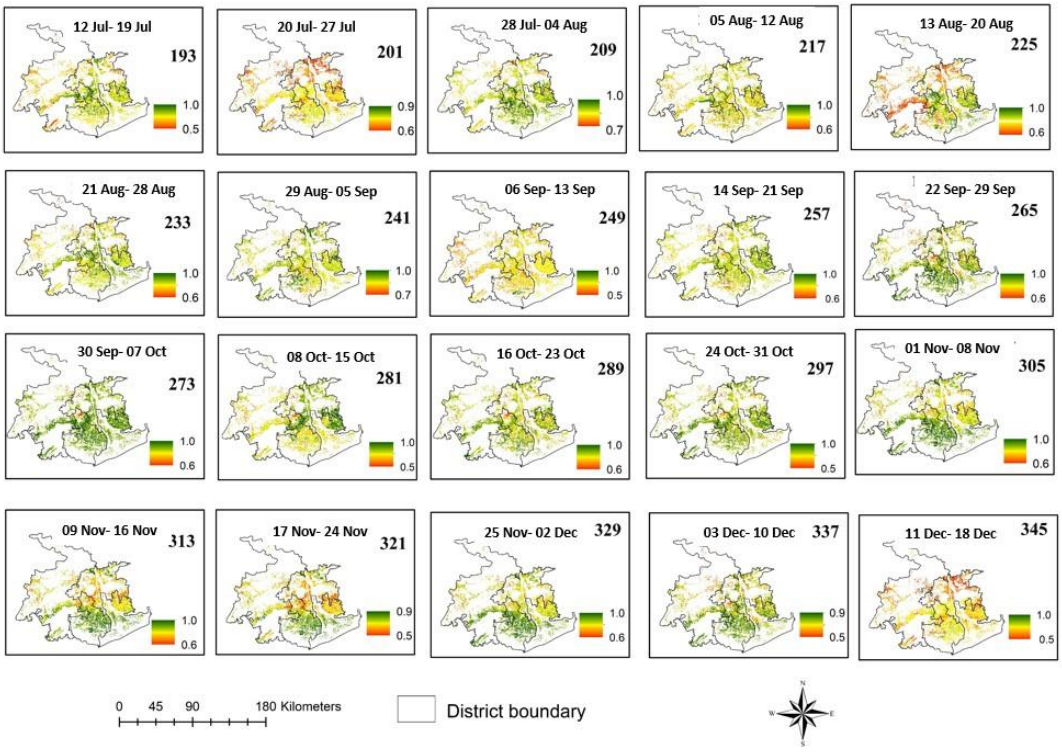


Figure 30: Temporal Water Scalar spatial maps of four districts during Kharif 2025

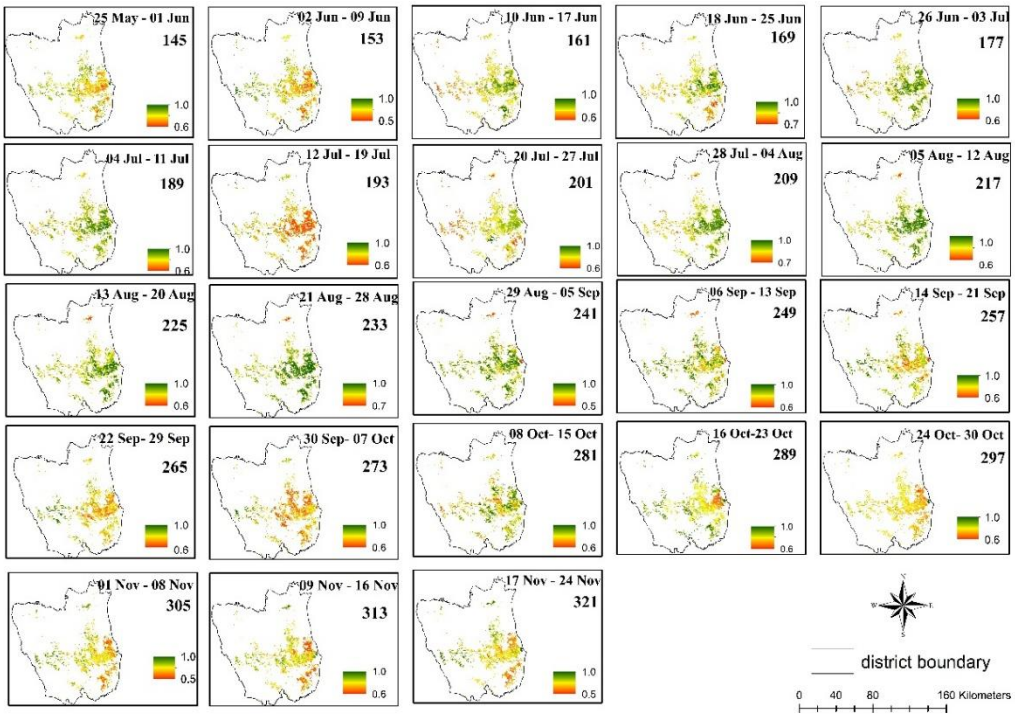


Figure 31: Temporal Water Scalar spatial maps of Nellore districts during Kharif 2025

6.6.4 Rice crop biomass

Rice biomass was estimated using the PAR, FAPAR, WS and RUEmax. Biomass estimates were generated at 8-day intervals and aggregated over the entire crop growth period.

In East Godavari district, IU-level biomass values ranged from 4,418 kg/ha to 12,316 kg/ha. West Godavari district recorded biomass values between 4,200 kg/ha and 12,583 kg/ha across villages. In Eluru district, biomass varied from 2,823.2 kg/ha to 12,394 kg/ha. Kona Seema district showed a wider range, with biomass values between 3,267 kg/ha and 12,913 kg/ha. In SPS Nellore district, village-level biomass ranged from 5,049 kg/ha to 13,035 kg/ha.

The detailed village-level biomass maps for East Godavari, West Godavari, Eluru, Kona Seema, and SPS Nellore districts are presented in Figures 32 and 36.

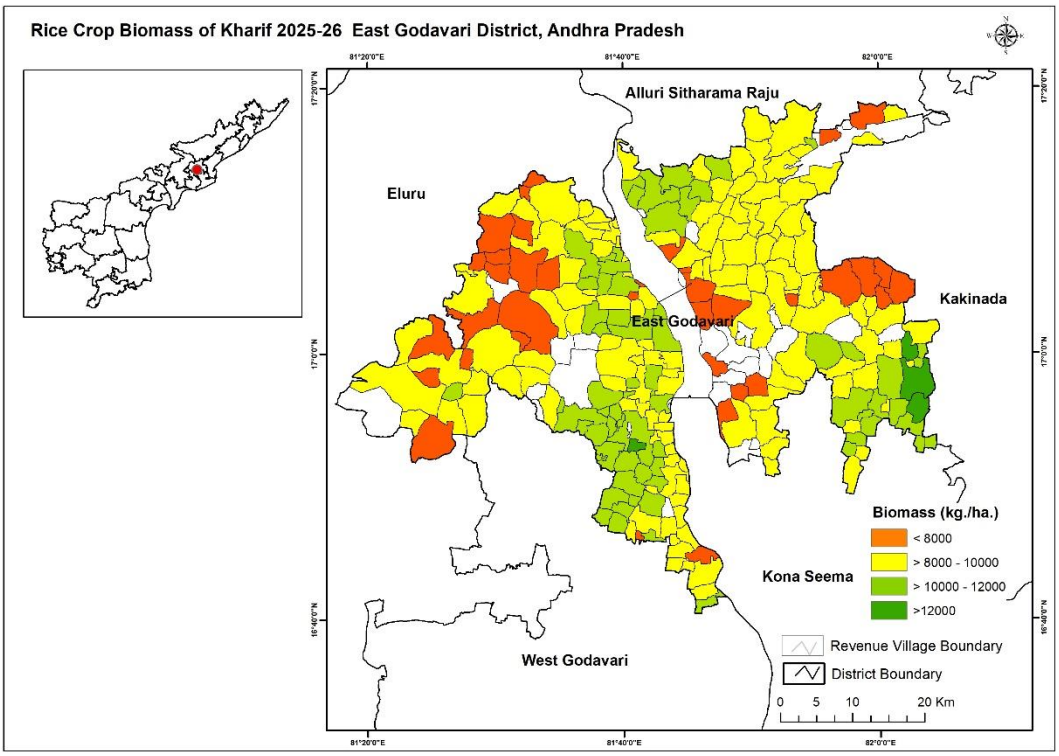


Figure 32: Biomass map of East Godavari District

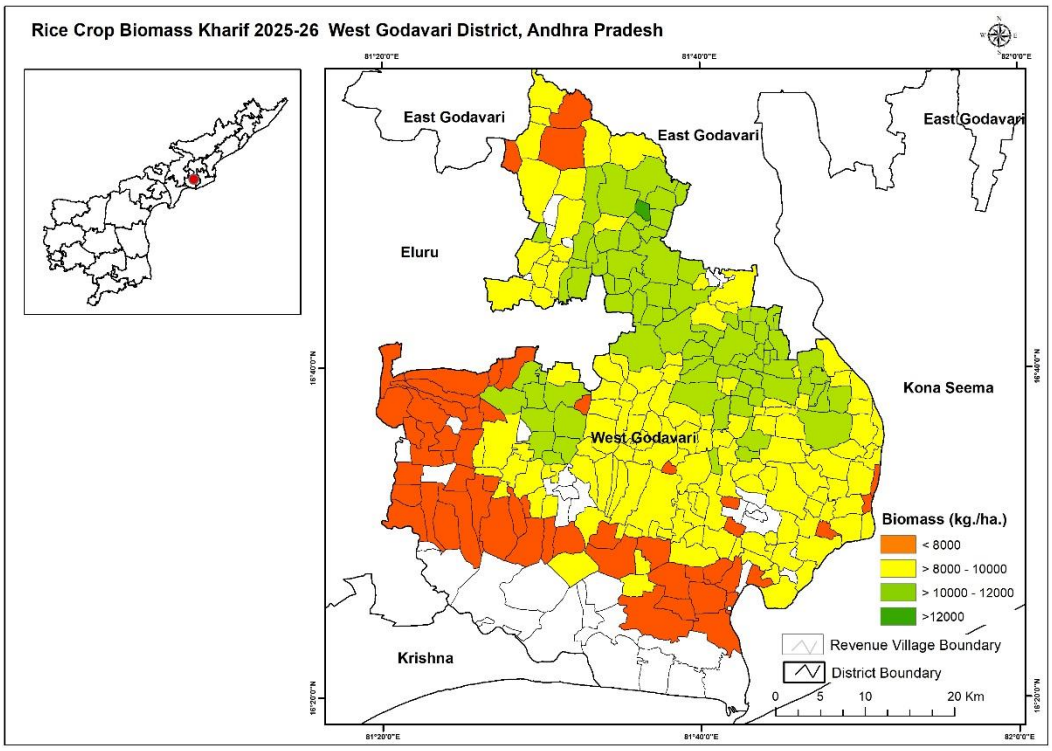


Figure 33: Biomass map of West Godavari District

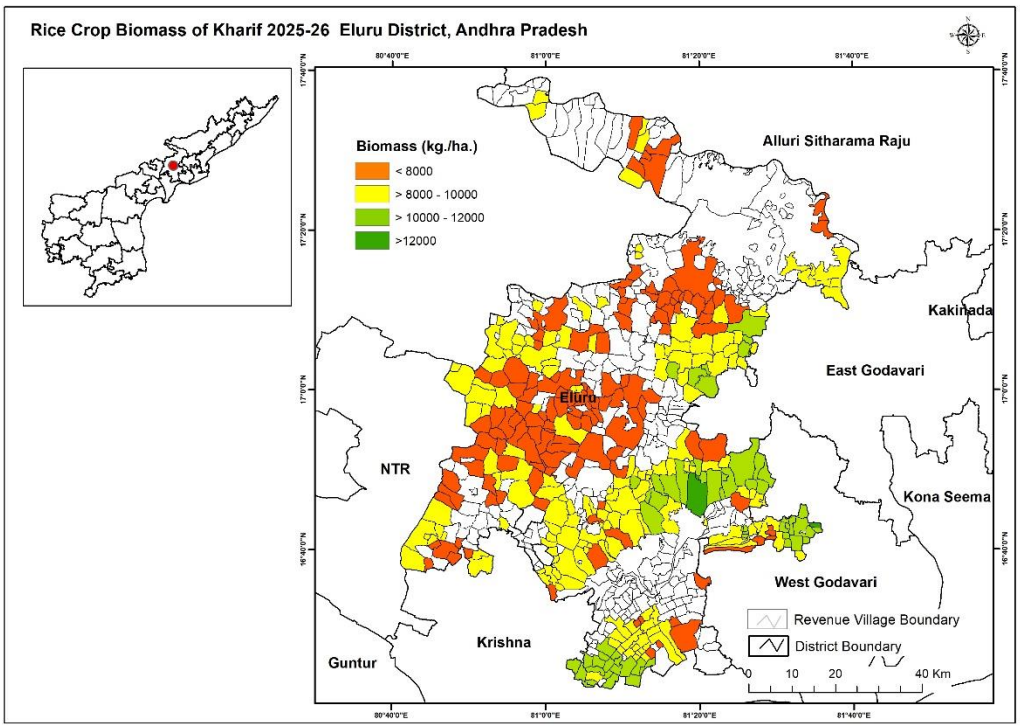


Figure 34: Biomass map of Eluru District

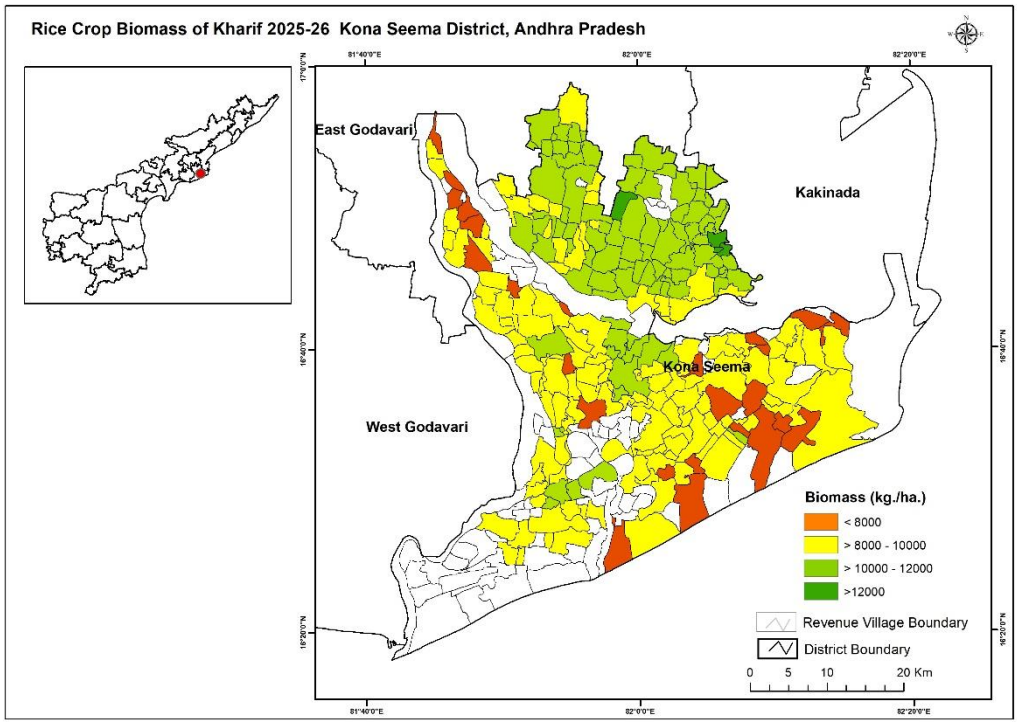


Figure 35: Biomass map of Kona Seema District

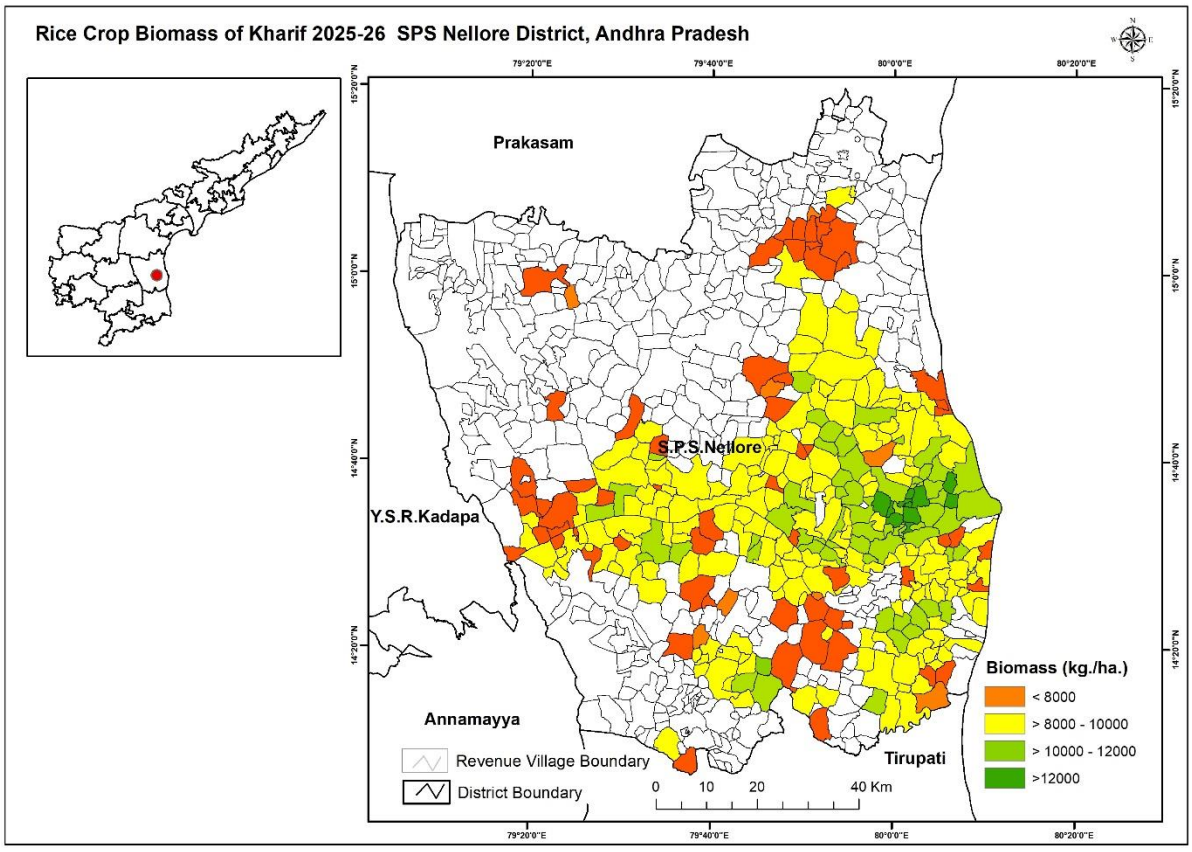


Figure 36: Biomass map of SPS Nellore District

6.6.5 Rice grain yield

Rice grain yield was derived using the estimated biomass and the calibrated Harvest Index. Yield estimates were generated for total 1437 IUs in the selected five districts that comprised of 245 villages in East Godavari district, 264 villages in West Godavari district, 362 villages in Eluru district, 240 villages in Konaseema district, and 301 villages in SPS Nellore district.

In East Godavari district, the lowest rice yield was observed in Mallavaram village of Gokavaram mandal (1988.5 kg/ha), while the highest yield was recorded in Vangalapudi village of Seethanagaram mandal (5188.4 kg/ha). The detailed rice yield map for the district is shown in Figure 37, and the village-wise yield statistics are provided in Table 12.

In West Godavari district, Narasapur village of Narasapuram mandal registered the lowest yield at 1998.0 kg/ha, whereas Arulla village of Tadepalligudem mandal recorded the highest yield at 5171.7 kg/ha. The corresponding rice yield map is presented in Figure 38, with village-level yield details summarized in Table 12.

In Eluru district, the minimum rice yield was recorded in Thutigunta village of Polavaram mandal (1,411.6 kg/ha), while the maximum yield was observed in Jallikakinada village of Ganapavaram mandal (5,771.0 kg/ha). The district-level rice yield map and village-wise yield details are presented in Figure 39 and Table 12.

In Konaseema district, Patha Injaram village of I. Polavaram mandal reported the lowest rice yield (1143.6 kg/ha), whereas Kunduru village of Pamarru mandal recorded the highest yield (5375.5 kg/ha). The spatial distribution of rice yield and village-wise statistics for the district are provided in in Figure 40 and Table 12.

In SPS Nellore district, the lowest rice yield was observed in Allipuram village of Nellore Rural mandal (2524.5 kg/ha), while Somarajupalle village of Indukurpet mandal recorded the highest yield at 5160.4 kg/ha. The detailed village-level yield data for the district are presented in in Figure 41 and Table 12.

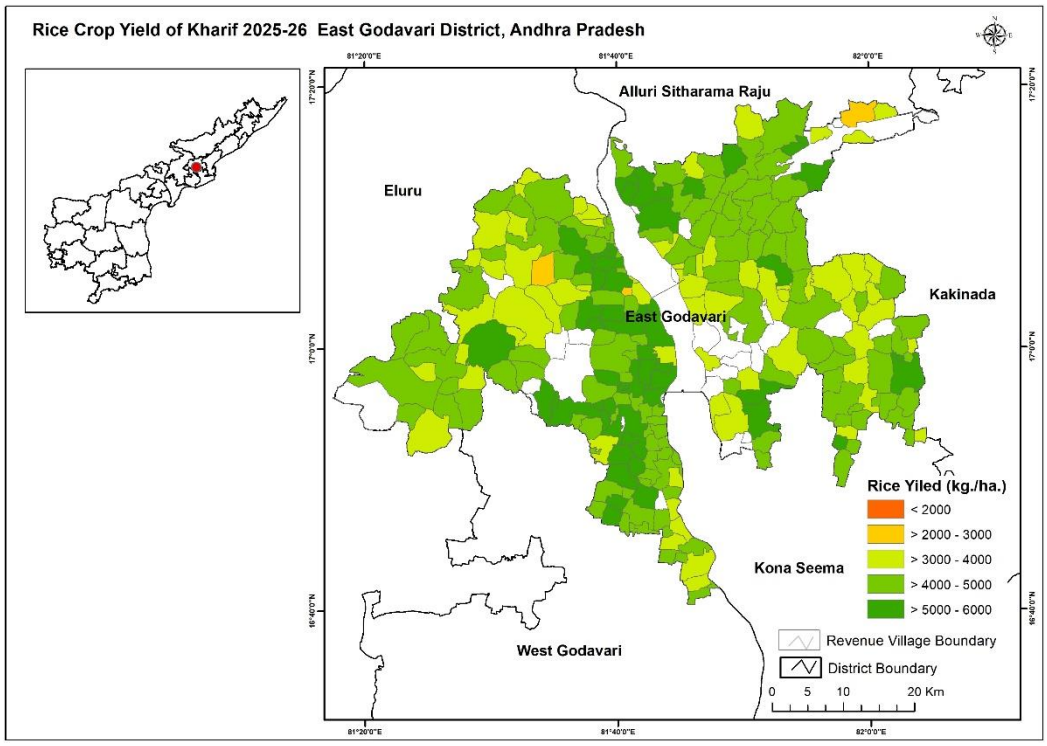


Figure 37: Rice crop yield map of East Godavari District

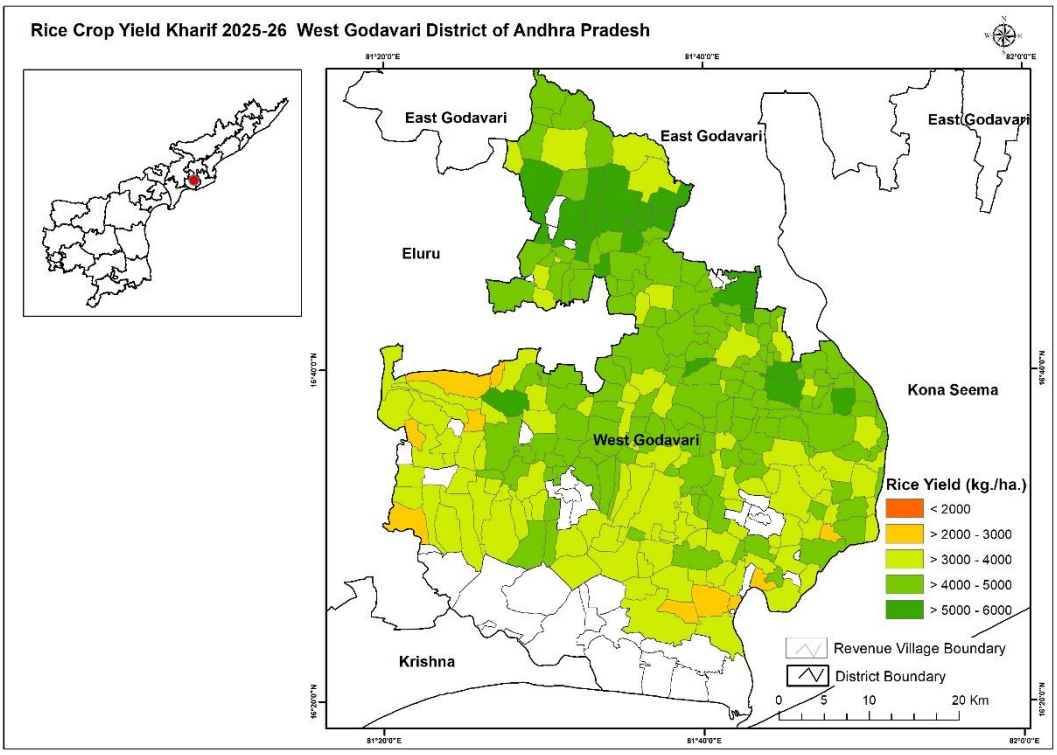


Figure 38: Rice crop yield map of West Godavari District

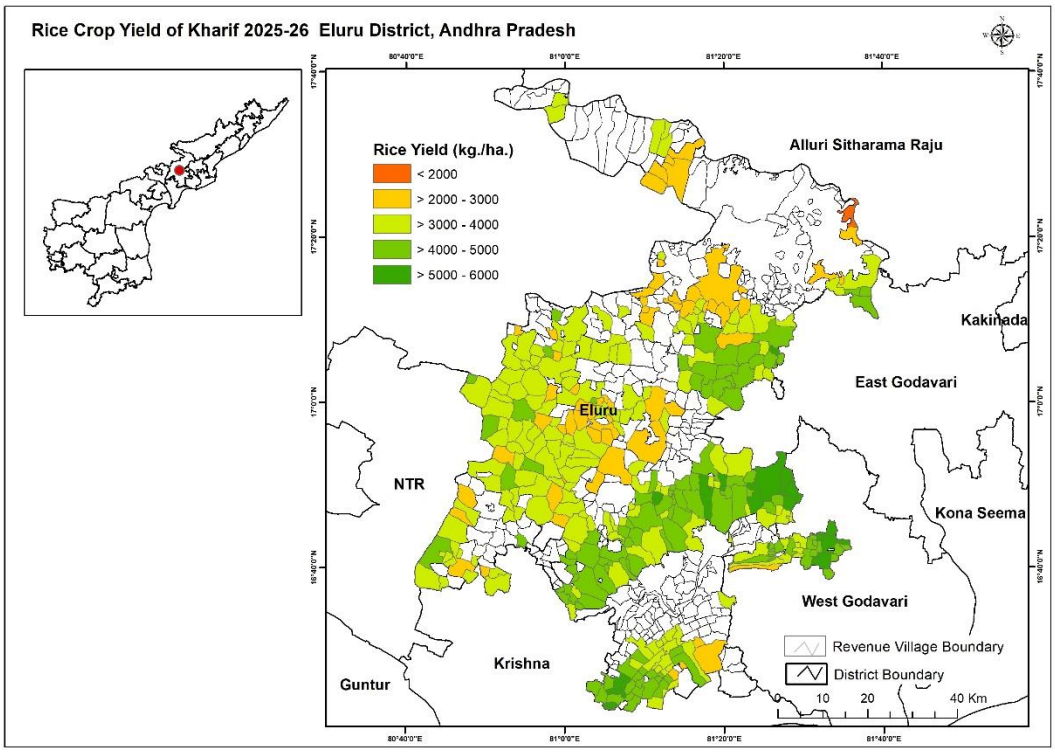


Figure 39: Rice crop yield map of Eluru District

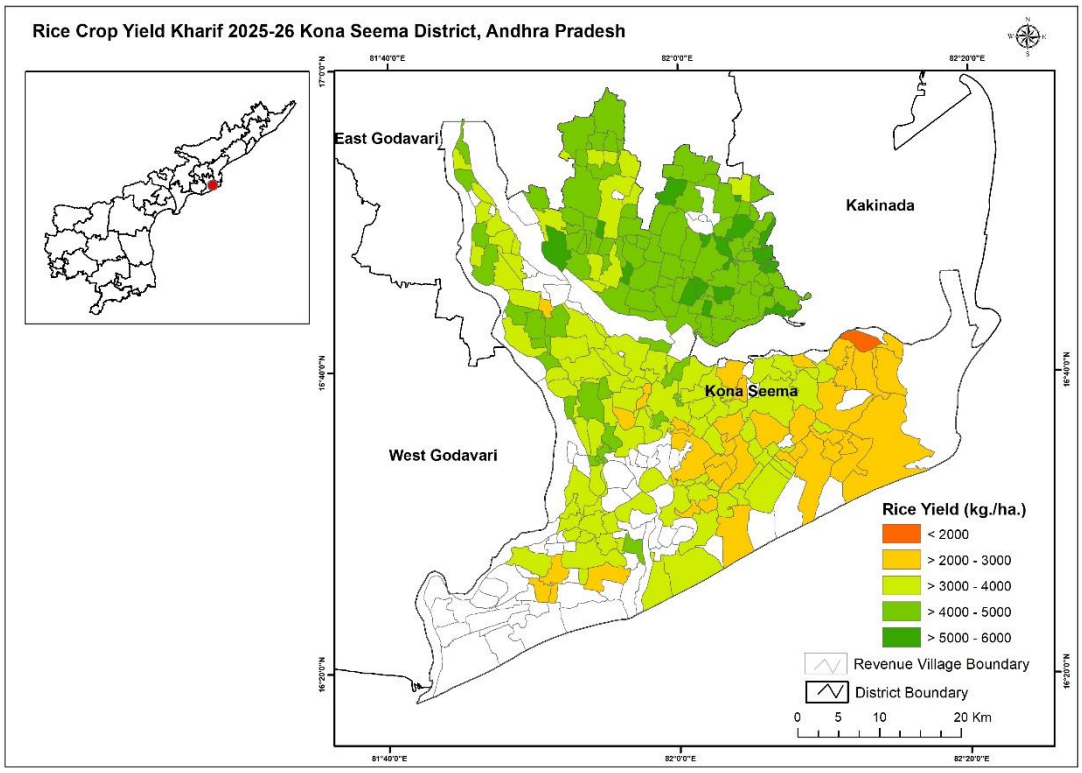


Figure 40: Rice crop yield map of Kona Seema District

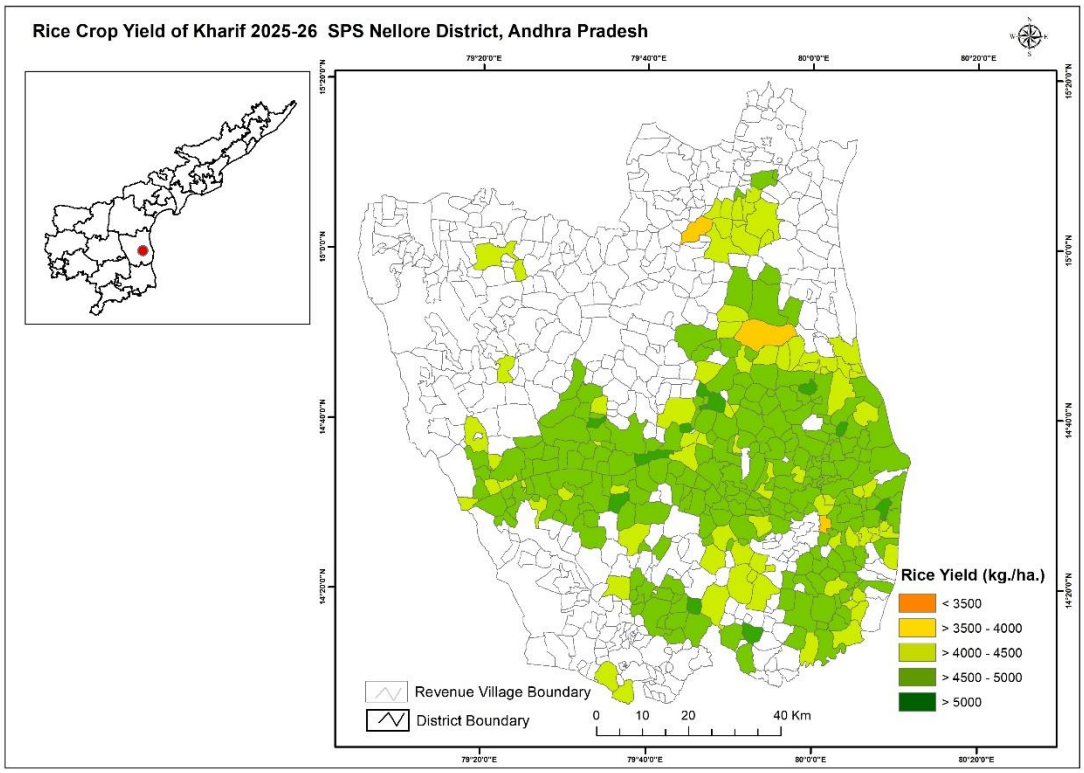


Figure 41: Rice crop yield map of SPS Nellore District

6.6.6 Evaluation of estimated rice crop yield

The estimated rice crop yield was evaluated against the three-year average yield (2022, 2023 and 2024) received from the Agriculture Department, Government of Andhra Pradesh across the five districts—Eluru, West Godavari, Kona Seema, East Godavari and SPS Nellore. The performance assessment was carried at village-level, the distribution of villages across different Relative Deviation (%) classes is presented in Table 10, while the corresponding accuracy metrics, including correlation, RMSE and mean relative deviation for each district, are summarized in Table 11 and the district wise scatter plots of estimated yield vs. average yield of last three years (2022, 2023, 2024) are shown in figure 42 to 44.

Table 10: District wise Relative Deviation

S.No.	District	<10% RD	10–20% RD	20–30% RD	>30% RD	Total Villages
1	Eluru	105	134	94	29	362
2	West Godavari	126	93	38	7	264
3	Kona Seema	67	73	53	47	240
4	East Godavari	113	86	39	7	245
5	SPS Nellore	109	135	54	3	301

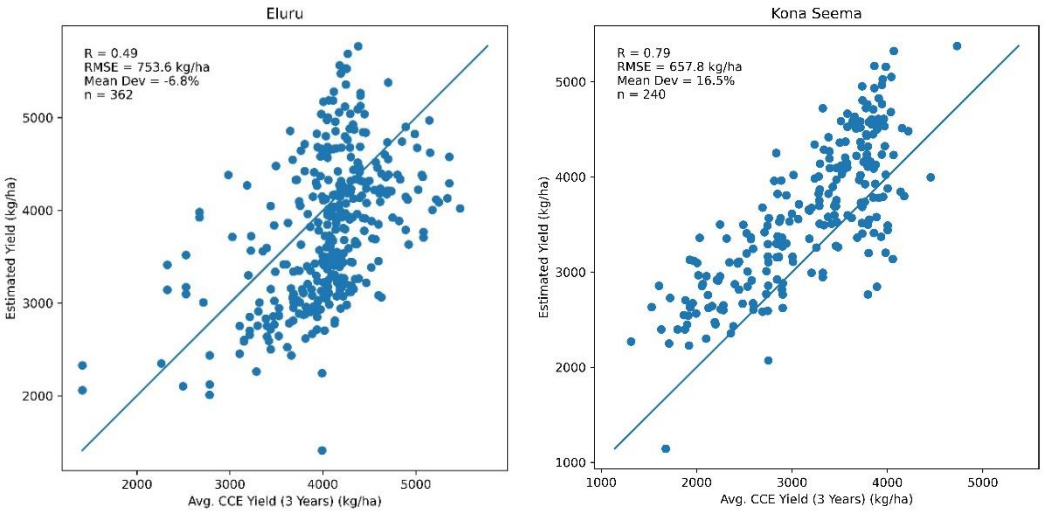


Figure 42: Scattor plots of Eluru and Konaseema Districts

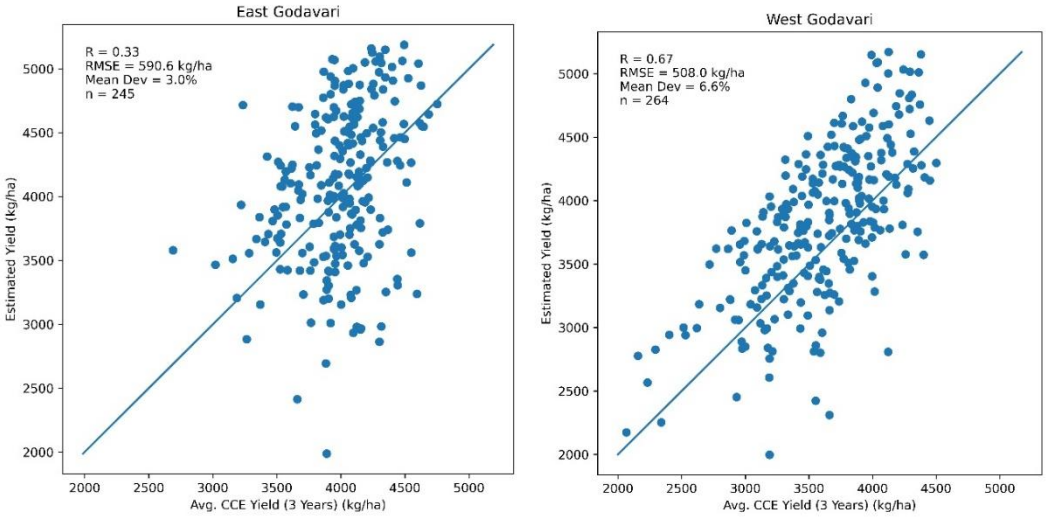


Figure 43: Scattor plots of East Godavari and West Godavari Districts

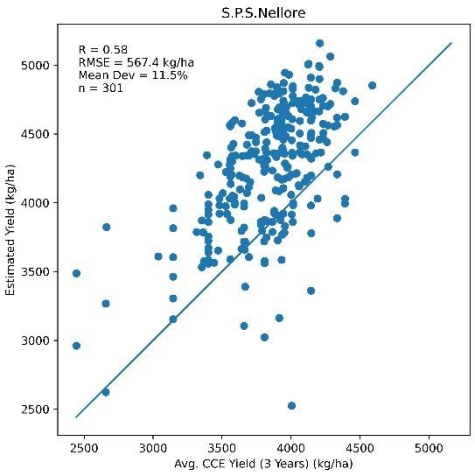


Figure 44: Scattor plot of SPS Nellore District

Table 11: District wise Correlation, RMSE and MRD

S. No.	District	Correlation (R)	RMSE (kg/ha)	Mean Relative Deviation (%)
1	Eluru	0.49	753.59	-7.46
2	West Godavari	0.67	508.05	6.23
3	Kona Seema	0.79	657.82	14.47
4	East Godavari	0.33	590.63	2.71
5	SPS Nellore	0.58	567.45	11.24

Table 12: Village wise (IUs)/ District wise estimated rice crop yield

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
1	Eluru	Chatrai	Chinnampet	589018	**3410.3**
2	Eluru	Chatrai	Kotapadu	589019	**3793.1**
3	Eluru	Chatrai	Krishnaraopalem	589015	**4879.6**
4	Eluru	Chatrai	Chanubanda	589016	**3299.4**
5	Eluru	Chatrai	Parvatapuram	589017	**3902.0**
6	Eluru	Chatrai	Pothanapalle	589021	**3723.3**
7	Eluru	Chatrai	Burugugudem	589022	**3936.4**
8	Eluru	Chatrai	Mankollu	589020	**3590.3**
9	Eluru	Chatrai	Chatrai	589023	**3926.5**
10	Eluru	Chatrai	Polavaram	589028	**4151.7**
11	Eluru	Chatrai	Arugolanupeta	589024	**4076.3**
12	Eluru	Chatrai	Janardhanavaram	589027	**3797.7**
13	Eluru	Chatrai	Tummagudem	589026	**3701.5**
14	Eluru	Chatrai	Somavaram	589029	**3847.0**
15	Eluru	Chatrai	Kothagudem	589030	**3968.8**
16	Eluru	Chatrai	Chittapur	589025	**3551.7**
17	Eluru	Musunuru	Lopudi	589033	**3498.1**
18	Eluru	Musunuru	Surepalle	589032	**3506.6**
19	Eluru	Musunuru	Ramanakkapeta	589031	**2812.7**
20	Eluru	Musunuru	Gullapudi	589034	**3148.9**
21	Eluru	Musunuru	Akkireddigudem	589036	**3540.4**
22	Eluru	Musunuru	Chakkapalle	589035	**4171.8**
23	Eluru	Nuzvid	Digavalli	589048	**3073.9**
24	Eluru	Nuzvid	Mukkollupadu	589049	**4184.7**
25	Eluru	Musunuru	Chintalavalli	589037	**3548.2**
26	Eluru	Musunuru	Musunuru	589040	**3476.6**
27	Eluru	Nuzvid	Annavaram	589050	**3111.5**
28	Eluru	Musunuru	Ellapuram	589041	**3191.2**
29	Eluru	Musunuru	Gopavaram	589043	**2978.5**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
30	Eluru	Nuzvid	Sunkollu	589053	**2782.2**
31	Eluru	Musunuru	Korlagunta	589038	**3878.8**
32	Eluru	Musunuru	Balive	589044	**3264.6**
33	Eluru	Nuzvid	Pathureddipalle	589058	**3176.6**
34	Eluru	Musunuru	Katrenipadu	589042	**3413.1**
35	Eluru	Nuzvid	Enamadala	589054	**3249.7**
36	Eluru	Musunuru	Velpucherla	589046	**3405.6**
37	Eluru	Nuzvid	Jangamgudem	589059	**3523.5**
38	Eluru	Nuzvid	Thukkuluru (M)	589060	**3100.7**
39	Eluru	Nuzvid	Bathulavarigudem	589055	**2714.7**
40	Eluru	Musunuru	Chillaboyinapalle	589045	**2942.2**
41	Eluru	Agiripalle	Edara	589101	**3273.9**
42	Eluru	Nuzvid	Gollapalle	589066	**4016.5**
43	Eluru	Agiripalle	Malliboinapalle	589102	**3417.6**
44	Eluru	Agiripalle	Malleswaram	589103	**3621.2**
45	Eluru	Agiripalle	Pinnamareddipalle	589113	**3998.3**
46	Eluru	Agiripalle	Garikapativari Khandrika	589114	**3480.0**
47	Eluru	Agiripalle	Chopparametla	589110	**3144.2**
48	Eluru	Agiripalle	Nugondapalle	589112	**3487.7**
49	Eluru	Agiripalle	Agiripalle	589111	**2959.3**
50	Eluru	Agiripalle	Sagguru	589121	**2983.4**
51	Eluru	Agiripalle	Krishnavaram	589122	**3688.9**
52	Eluru	Agiripalle	Narasingapalem	589120	**3118.9**
53	Eluru	Agiripalle	Suravaram	589123	**3439.8**
54	Eluru	Agiripalle	Kanasanapalle	589118	**3074.1**
55	Eluru	Kaikalur	Kottada	589352	**3652.4**
56	Eluru	Kaikalur	Rachapatnam	589341	**3483.5**
57	Eluru	Kaikalur	Gopavaram	589335	**3727.6**
58	Eluru	Mandavalli	Mandavalli	589332	**3006.0**
59	Eluru	Kaikalur	Vinjaram	589338	**3312.3**
60	Eluru	Kalidindi	Venkatapuram	589361	**2329.0**
61	Eluru	Kaikalur	Syamalambapuram	589337	**3286.2**
62	Eluru	Kaikalur	Tamarakollu	589339	**3267.7**
63	Eluru	Mandavalli	Ayyavari Rudravaram	589333	**3505.5**
64	Eluru	Kalidindi	Sana Rudravaram	589362	**3339.7**
65	Eluru	Kalidindi	Kalidindi	589366	**2060.4**
66	Eluru	Kaikalur	Vemavarappadu	589340	**4223.1**
67	Eluru	Mudinepalle	Chigurukota	589427	**3932.0**
68	Eluru	Mandavalli	Perikegudem	589329	**4080.5**
69	Eluru	Kalidindi	Korukollu	589363	**4147.5**
70	Eluru	Mudinepalle	Bomminampadu	589428	**3595.6**
71	Eluru	Mandavalli	Lingala	589328	**3475.7**
72	Eluru	Mandavalli	Kanukollu	589327	**4270.6**
73	Eluru	Kalidindi	Avakuru	589365	**2919.5**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
74	Eluru	Mudinepalle	Mulakalapalle	589429	**3726.1**
75	Eluru	Mudinepalle	Alluru	589432	**3203.4**
76	Eluru	Mudinepalle	China Kamanapudi	589425	**4207.9**
77	Eluru	Mudinepalle	Prodduvaka	589431	**2963.4**
78	Eluru	Mudinepalle	Korraguntapalem	589426	**4409.7**
79	Eluru	Mudinepalle	Peda Kamanapudi	589424	**4575.0**
80	Eluru	Mudinepalle	Chinapalaparru	589407	**4685.6**
81	Eluru	Mudinepalle	Dakaram	589406	**5687.6**
82	Eluru	Mudinepalle	Devapudi	589433	**4461.2**
83	Eluru	Mudinepalle	Edepalle	589435	**4133.7**
84	Eluru	Mudinepalle	Peyyeru	589414	**5280.6**
85	Eluru	Mudinepalle	Komarru	589421	**4714.5**
86	Eluru	Mudinepalle	Pedagonnuru	589422	**4545.7**
87	Eluru	Mudinepalle	Vanudurru	589436	**4856.6**
88	Eluru	Mudinepalle	Utukuru	589434	**3713.8**
89	Eluru	Mudinepalle	Vadali	589416	**4423.3**
90	Eluru	Mudinepalle	Pedapalaparru	589408	**4335.8**
91	Eluru	Mudinepalle	Koduru	589409	**4515.7**
92	Eluru	Mudinepalle	Singarayapalem	589420	**4273.8**
93	Eluru	Mudinepalle	Mudinepalle	589413	**5475.4**
94	Eluru	Mudinepalle	Kakaravada	589417	**4479.3**
95	Eluru	Mudinepalle	Guraja	589412	**4438.8**
96	Eluru	Mudinepalle	Chevuru	589419	**4154.9**
97	Eluru	Mudinepalle	Vadavalli	589437	**3948.1**
98	Eluru	Mudinepalle	Penumalli	589411	**5265.7**
99	Eluru	Mudinepalle	Sankarshana Puram	589410	**5236.6**
100	Eluru	Agiripalle	Boddanapalle	589115	**4456.8**
101	Eluru	Agiripalle	Adivinekkalam	589117	**3478.1**
102	Eluru	Polavaram	Thutigunta	588096	**1411.6**
103	Eluru	Polavaram	Kondrukota	588097	**2244.6**
104	Eluru	Buttayagudem	Buttayagudem	588058	**2602.6**
105	Eluru	Jeelugu Milli	Thatiramudu Gudem	588010	**3024.9**
106	Eluru	Polavaram	Polavaram	588101	**3441.0**
107	Eluru	Jeelugu Milli	Jillellagudem	588013	**2946.9**
108	Eluru	Polavaram	Vinjaram	588102	**2862.8**
109	Eluru	Jeelugu Milli	Kamayya Palem	588015	**2769.0**
110	Eluru	Polavaram	Pragada Palle	588106	**3021.3**
111	Eluru	Buttayagudem	Jaggisetti Gudem	588059	**2591.1**
112	Eluru	Buttayagudem	Nimmalagudem	588056	**2586.6**
113	Eluru	Jeelugu Milli	Barrinkalapadu	588021	**2855.9**
114	Eluru	Polavaram	Pattisam	588108	**4220.0**
115	Eluru	Polavaram	Venkatapuram	588107	**4299.6**
116	Eluru	Jeelugu Milli	Rowthugudem	588024	**2956.5**
117	Eluru	Polavaram	Gutala	588109	**4925.5**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
118	Eluru	Buttayagudem	Koyarajahmundry	588066	**2910.7**
119	Eluru	Jeelugu Milli	Vankavarigudem	588020	**2931.6**
120	Eluru	Jeelugu Milli	Mulagalampalle	588025	**2908.1**
121	Eluru	Jangareddigudem	Pattenapalem	588174	**3451.6**
122	Eluru	Buttayagudem	Busarajupalle	588064	**2639.0**
123	Eluru	Buttayagudem	Ganapavaram	588060	**2915.2**
124	Eluru	Buttayagudem	Seetarama Nagaram	588063	**2951.4**
125	Eluru	Chintalapudi	Erraguntapalle	587939	**3870.5**
126	Eluru	Koyyalagudem	Dippakayalapadu	588152	**3151.4**
127	Eluru	Jeelugu Milli	Palacherla Rajavaram	588031	**3417.2**
128	Eluru	Koyyalagudem	Vedanthapuram	588148	**3045.9**
129	Eluru	Jeelugu Milli	Madakamvarigudem	588027	**2850.2**
130	Eluru	T.Narasapuram	Makkinavarigudem	587983	**3386.3**
131	Eluru	Jeelugu Milli	Darbhagudem	588032	**2812.4**
132	Eluru	Chintalapudi	Maddimethinagudem	587936	**4410.7**
133	Eluru	Koyyalagudem	Saripalle	588151	**3637.6**
134	Eluru	Jangareddigudem	Akkampeta	588175	**3850.6**
135	Eluru	Jangareddigudem	Pullepudi	588173	**3697.2**
136	Eluru	Buttayagudem	Lakshmudugudem	588065	**2753.6**
137	Eluru	Koyyalagudem	Mangapathidevipeta	588155	**3928.1**
138	Eluru	Jangareddigudem	Mysanagudem	588172	**3084.7**
139	Eluru	Koyyalagudem	Parimpudi	588156	**4676.9**
140	Eluru	Koyyalagudem	Ramanujapuram	588149	**3406.5**
141	Eluru	Jangareddigudem	Jangareddigudem	588177	**4384.6**
142	Eluru	Jangareddigudem	Ayyavaripolavaram	588166	**3261.0**
143	Eluru	Jangareddigudem	Peddipalle	588169	**3062.4**
144	Eluru	Chintalapudi	Lingagudem	587920	**2832.0**
145	Eluru	Chintalapudi	Namavaram	587930	**2905.9**
146	Eluru	Chintalapudi	Raghavapuram	587923	**3007.3**
147	Eluru	Koyyalagudem	Bayyanagudem	588150	**2984.4**
148	Eluru	T.Narasapuram	T.Narasapuram	587988	**3112.7**
149	Eluru	Chintalapudi	Endapalle	587921	**3839.6**
150	Eluru	Chintalapudi	Teegalavancha	587946	**3721.2**
151	Eluru	Jangareddigudem	Ramacharlagudem	588178	**3668.5**
152	Eluru	Chintalapudi	Recharla	587944	**3417.8**
153	Eluru	Chintalapudi	Settivarigudem	587941	**3107.7**
154	Eluru	Koyyalagudem	Gavaravaram	588157	**3413.1**
155	Eluru	Jangareddigudem	Kethavaram	588186	**4381.9**
156	Eluru	T.Narasapuram	Epigunta	587990	**3390.8**
157	Eluru	T.Narasapuram	Guravaigudem	587989	**3285.6**
158	Eluru	Jangareddigudem	Tirumalapuram	588185	**4825.1**
159	Eluru	Chintalapudi	Ganijerla	587927	**3865.9**
160	Eluru	Chintalapudi	Kantampalem	587942	**4643.7**
161	Eluru	Koyyalagudem	Chopparamannagudem	588158	**5001.5**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
162	Eluru	Jangareddigudem	Guravaigudem	588184	**3917.4**
163	Eluru	Chintalapudi	Lakshminarasimhapuram	587943	**2873.9**
164	Eluru	Koyyalagudem	Ponguturu	588160	**4678.7**
165	Eluru	Jangareddigudem	Devulapalle	588180	**4213.9**
166	Eluru	Koyyalagudem	Kannayagudem	588159	**4309.1**
167	Eluru	Koyyalagudem	Eduvadalapalem	588161	**4464.3**
168	Eluru	Chintalapudi	Mallayagudem	587926	**3923.7**
169	Eluru	Chintalapudi	Chintalapudi	587947	**3566.5**
170	Eluru	Chintalapudi	Pothunuru	587924	**3560.2**
171	Eluru	Jangareddigudem	Lakkavaram	588183	**4839.0**
172	Eluru	Koyyalagudem	Rajavaram	588162	**4261.9**
173	Eluru	Koyyalagudem	Yerrampeta	588163	**3680.2**
174	Eluru	Jangareddigudem	Pangidigudem	588187	**4900.5**
175	Eluru	Chintalapudi	Amudalachalaka	587925	**3981.5**
176	Eluru	Koyyalagudem	Kanakadripuram	588164	**3208.8**
177	Eluru	Chintalapudi	Urlagudem	587948	**3347.6**
178	Eluru	Kamavarapukota	Ravikampadu	588194	**3034.3**
179	Eluru	Jangareddigudem	Ammapalem	588181	**4521.0**
180	Eluru	Dwaraka Tirumala	I.S.Jagannadhapuram	588209	**4328.7**
181	Eluru	Dwaraka Tirumala	I.S.Raghavapuram	588208	**4096.7**
182	Eluru	Chintalapudi	Kanupade	587949	**3205.9**
183	Eluru	Jangareddigudem	Nimmalagudem	588182	**4394.7**
184	Eluru	Chintalapudi	Pragadavaram	587952	**3099.3**
185	Eluru	Chintalapudi	Venkammapalem	587950	**2756.4**
186	Eluru	Kamavarapukota	Guntupalli	588189	**3110.1**
187	Eluru	Chintalapudi	Talarlapalle	587953	**2669.5**
188	Eluru	Kamavarapukota	Mankenapalle	588191	**3150.1**
189	Eluru	Kamavarapukota	Kamavarapukota	588198	**2703.7**
190	Eluru	T.Narasapuram	Krishnaraopalem	588001	**2852.2**
191	Eluru	T.Narasapuram	Sriramavaram	588002	**2656.4**
192	Eluru	Dwaraka Tirumala	G.Kothapalle	588207	**3630.8**
193	Eluru	Chintalapudi	Sankuchakrapuram	587956	**4046.3**
194	Eluru	Chintalapudi	Errampalle	587954	**3080.9**
195	Eluru	Chintalapudi	Thimmareddipalle	587955	**2717.2**
196	Eluru	T.Narasapuram	Lingaraopalem	588003	**2702.8**
197	Eluru	Kamavarapukota	Ankalampadu	588199	**3059.6**
198	Eluru	Lingapalem	Kothulagokavaram	587964	**3151.1**
199	Eluru	Lingapalem	Patchanagaram	587963	**2753.1**
200	Eluru	Kamavarapukota	Khandrika Seetharamavaram	588200	**3349.7**
201	Eluru	Kamavarapukota	Vadlapatlanuthanam	588197	**3092.7**
202	Eluru	Lingapalem	Singagudem	587961	**2881.8**
203	Eluru	Lingapalem	Kothapalle	587962	**2619.1**
204	Eluru	Lingapalem	Yedavalli	587957	**2961.1**
205	Eluru	Lingapalem	Ganapavarigudem	587965	**2502.2**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
206	Eluru	Lingapalem	Kalyanampadu	587958	**3159.8**
207	Eluru	Lingapalem	Rangapuram	587969	**2261.6**
208	Eluru	Kamavarapukota	Tadikalapudi	588203	**2888.4**
209	Eluru	Lingapalem	Asannagudem	587966	**3132.3**
210	Eluru	Lingapalem	Vemulapalle	587967	**2784.1**
211	Eluru	Lingapalem	Lingapalem	587970	**2454.7**
212	Eluru	Lingapalem	Tuvvachalakarayudupalem	587975	**3139.4**
213	Eluru	Lingapalem	Bhogole	587972	**3337.5**
214	Eluru	Lingapalem	Mulagalampadu	587971	**2872.8**
215	Eluru	Lingapalem	Mudicherla	587980	**2645.8**
216	Eluru	Lingapalem	Mattamgudem	587974	**3351.6**
217	Eluru	Lingapalem	Konijerla	587976	**3307.1**
218	Eluru	Dwaraka Tirumala	Narayanapuram	588229	**4551.3**
219	Eluru	Lingapalem	Dharmajigudem	587977	**3444.2**
220	Eluru	Lingapalem	Chandrannapalem	587973	**3030.4**
221	Eluru	Dwaraka Tirumala	Gunnampalle	588231	**3530.7**
222	Eluru	Pedavegi	Ramasingavaram	588370	**2525.4**
223	Eluru	Ungutur	Nallamadu	588337	**3176.3**
224	Eluru	Lingapalem	Kalarayanagudem	587979	**3239.1**
225	Eluru	Ungutur	Unguturu	588340	**5126.2**
226	Eluru	Lingapalem	Ayyaparajugudem	587978	**3571.4**
227	Eluru	Pedavegi	Vegivadavaram	588372	**3426.6**
228	Eluru	Pedavegi	Bapirajugudem	588366	**3297.3**
229	Eluru	Ungutur	Vellamilli	588341	**5090.0**
230	Eluru	Ungutur	Gopinadhapatnam	588339	**4039.5**
231	Eluru	Denduluru	Medinaraopalem	588440	**4234.4**
232	Eluru	Pedavegi	Rayannapalem	588368	**2436.0**
233	Eluru	Dwaraka Tirumala	Sattala	588236	**5037.7**
234	Eluru	Dwaraka Tirumala	M.Nagulapalle	588228	**4159.8**
235	Eluru	Ungutur	Badampudi	588342	**5186.7**
236	Eluru	Bhimadole	Amberpeta	588357	**5528.3**
237	Eluru	Pedavegi	Rajampalem	588365	**2914.3**
238	Eluru	Pedavegi	Mundur	588376	**3008.2**
239	Eluru	Ungutur	A.Gokavaram	588338	**4318.5**
240	Eluru	Bhimadole	Polasanipalle	588354	**4264.8**
241	Eluru	Dwaraka Tirumala	Dadavalli	588237	**4663.8**
242	Eluru	Dwaraka Tirumala	Sarabhapuram	588233	**3961.0**
243	Eluru	Dwaraka Tirumala	P.Kannapuram	588235	**3783.6**
244	Eluru	Denduluru	Ramaraogudem	588442	**3960.9**
245	Eluru	Pedavegi	Nadupalle	588380	**3114.7**
246	Eluru	Ungutur	Chebrole Khandrika	588347	**5172.1**
247	Eluru	Ungutur	Kaikaram	588348	**4762.3**
248	Eluru	Denduluru	Thimmannagudem	588444	**4334.3**
249	Eluru	Denduluru	Malakacherla	588443	**3639.8**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
250	Eluru	Bhimadole	Kodurupadu	588359	**4682.4**
251	Eluru	Dwaraka Tirumala	Gopikunta Khandrika	588234	**5379.0**
252	Eluru	Ungutur	Chebrolu	588346	**4107.7**
253	Eluru	Bhimadole	Pulla	588360	**4330.7**
254	Eluru	Bhimadole	Surappagudem	588355	**4049.5**
255	Eluru	Bhimadole	Duddepudi	588358	**4957.6**
256	Eluru	Pedavegi	Mylavarapuvarigudem	588379	**3180.7**
257	Eluru	Bhimadole	Bhimadole	588356	**4421.2**
258	Eluru	Denduluru	Narasimhapuram	588445	**4568.4**
259	Eluru	Denduluru	Gudigunta	588451	**4386.0**
260	Eluru	Denduluru	Sriramavaram	588450	**5356.2**
261	Eluru	Denduluru	Muppavaram	588446	**4635.2**
262	Eluru	Ungutur	Bommidi	588343	**5038.3**
263	Eluru	Ungutur	Kagupadu	588344	**4122.7**
264	Eluru	Denduluru	Kothagudem	588449	**4801.4**
265	Eluru	Denduluru	Denduluru	588462	**4361.1**
266	Eluru	Ungutur	Ravulaparru	588345	**4316.3**
267	Eluru	Denduluru	Naguladevunipadu	588453	**3538.0**
268	Eluru	Bhimadole	Gundugolanu	588361	**4165.8**
269	Eluru	Ungutur	Tallapuram	588349	**3823.4**
270	Eluru	Ungutur	Dontavaram	588351	**3365.2**
271	Eluru	Denduluru	Saanigudem	588454	**3932.9**
272	Eluru	Denduluru	Singavaram	588447	**4322.3**
273	Eluru	Ungutur	Rachuru	588350	**3160.6**
274	Eluru	Ungutur	Kakarlamudi	588352	**3696.4**
275	Eluru	Pedavegi	Singavaram	588387	**3223.5**
276	Eluru	Denduluru	Komirepalle	588448	**3885.3**
277	Eluru	Eluru	Chodimella	588419	**3707.0**
278	Eluru	Ungutur	Venkatadriapparaopuram	588353	**3980.4**
279	Eluru	Bhimadole	Agadallanka	588362	**3672.9**
280	Eluru	Denduluru	Challapalle	588458	**3219.9**
281	Eluru	Pedavegi	Koppaka	588388	**3396.3**
282	Eluru	Pedavegi	Pinakadimi	588386	**3221.8**
283	Eluru	Denduluru	Pothunuru	588465	**4602.0**
284	Eluru	Denduluru	Uppugudem	588461	**4237.2**
285	Eluru	Denduluru	Vegavaram	588460	**3780.3**
286	Eluru	Ganapavaram	Kasipadu	588578	**5119.0**
287	Eluru	Denduluru	Somavarappadu	588459	**4093.5**
288	Eluru	Denduluru	Kovvali	588463	**3886.1**
289	Eluru	Eluru	Malkapuram	588422	**4130.0**
290	Eluru	Pedavegi	Duggirala	588390	**4148.2**
291	Eluru	Denduluru	Dosapadu	588464	**4126.7**
292	Eluru	Eluru	Tangellamudi	588439	**3766.8**
293	Eluru	Ganapavaram	Cherukuganuma Agraharam	588577	**5057.9**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
294	Eluru	Ganapavaram	Pippara	588579	**5185.2**
295	Eluru	Ganapavaram	Vakapalle	588576	**4871.8**
296	Eluru	Ganapavaram	Kommara	588567	**3808.3**
297	Eluru	Nidamarru	Vipparthikhandrika	588475	**2956.9**
298	Eluru	Eluru	Eluru (Rural)	588420	**4087.7**
299	Eluru	Ganapavaram	Valluru	588574	**4687.1**
300	Eluru	Eluru	Komadavole (Rural)	588421	**4117.8**
301	Eluru	Pedavegi	Bhogapuram	588389	**3410.4**
302	Eluru	Ganapavaram	Jagannadhapuram	588563	**3862.7**
303	Eluru	Ganapavaram	Ganapavaram	588566	**4237.5**
304	Eluru	Ganapavaram	Komarru	588580	**5532.6**
305	Eluru	Ganapavaram	Veereswarapuram	588575	**4231.5**
306	Eluru	Nidamarru	Buvvanapalle	588483	**4437.2**
307	Eluru	Nidamarru	Adavikolanu	588481	**3963.9**
308	Eluru	Ganapavaram	Agraharagopavaram	588585	**4661.0**
309	Eluru	Ganapavaram	Velagapalle	588568	**3437.6**
310	Eluru	Nidamarru	Naganamilli	588477	**4975.1**
311	Eluru	Pedapadu	Vatluru	588397	**4741.8**
312	Eluru	Ganapavaram	Moyyeru	588582	**4382.7**
313	Eluru	Nidamarru	Pedaramachandrapuram	588478	**5565.0**
314	Eluru	Ganapavaram	Dasulakumudavalli	588581	**4797.5**
315	Eluru	Eluru	Chataparru	588423	**3633.3**
316	Eluru	Ganapavaram	Varadarajapuram	588569	**3930.5**
317	Eluru	Pedapadu	Vempadu	588393	**4358.9**
318	Eluru	Nidamarru	Kakaramilli	588482	**4669.5**
319	Eluru	Ganapavaram	Ardhavaram	588571	**4854.9**
320	Eluru	Ganapavaram	Muggula	588573	**4318.3**
321	Eluru	Nidamarru	Enikepalle	588484	**4062.5**
322	Eluru	Ganapavaram	Kesavaram	588586	**5041.6**
323	Eluru	Nidamarru	Siddapuram	588487	**4369.2**
324	Eluru	Ganapavaram	Kothapalle	588570	**3074.0**
325	Eluru	Ganapavaram	Saripalle	588565	**3119.6**
326	Eluru	Eluru	Jalipudi	588424	**4005.0**
327	Eluru	Ganapavaram	Mupparthipadu	588583	**4828.0**
328	Eluru	Nidamarru	Krishnapuram	588485	**4581.2**
329	Eluru	Nidamarru	Chanamilli	588486	**4328.5**
330	Eluru	Pedapadu	Kokkirapadu	588394	**4843.8**
331	Eluru	Ganapavaram	Jallikakinada	588572	**5771.2**
332	Eluru	Pedapadu	Kothuru	588398	**4674.1**
333	Eluru	Nidamarru	Bavayapalem	588488	**3601.5**
334	Eluru	Eluru	Madepalle	588426	**4576.6**
335	Eluru	Eluru	Katlampudi	588425	**4292.8**
336	Eluru	Pedapadu	Burugagudem	588399	**4174.4**
337	Eluru	Eluru	Ponangi	588427	**3912.8**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
338	Eluru	Pedapadu	Mupparru	588401	**4621.2**
339	Eluru	Nidamarru	Krovvidi	588489	**2932.4**
340	Eluru	Pedapadu	Tallagudem	588400	**4021.0**
341	Eluru	Pedapadu	Kalaparru	588395	**4224.1**
342	Eluru	Pedapadu	Pedapadu	588406	**4733.9**
343	Eluru	Ganapavaram	Seethalamkonde Padu	588587	**4630.7**
344	Eluru	Pedapadu	Punukollu	588407	**4184.0**
345	Eluru	Pedapadu	Vasantawada-I	588410	**4116.6**
346	Eluru	Pedapadu	Rajupeta	588409	**3923.3**
347	Eluru	Pedapadu	Amrutalingampeta	588413	**4207.8**
348	Eluru	Pedapadu	Vasantawada-Ii	588414	**4146.4**
349	Eluru	Pedapadu	Satyavolu	588418	**4971.0**
350	Eluru	Pedapadu	Sakalakothapalle	588417	**4201.5**
351	Eluru	Pedapadu	Gogunta	588415	**3790.4**
352	Eluru	Kukunoor	Thondipaka	579316	**3413.1**
353	Eluru	Kukunoor	Komatlagudem	579317	**3143.5**
354	Eluru	Kukunoor	Dacharam	579330	**3173.4**
355	Eluru	Kukunoor	Ramachandrapuram	579331	**3096.9**
356	Eluru	Kukunoor	Arvaipalle	579334	**3519.5**
357	Eluru	Velairpadu	Thatukur	579296	**2122.8**
358	Eluru	Velairpadu	Ramavaram	579314	**2348.6**
359	Eluru	Velairpadu	Koyamadaram	579310	**2009.9**
360	Eluru	Buttayagudem	Jainavarigudem	588061	**3017.3**
361	Eluru	Velairpadu	Rallapudi	579313	**2103.8**
362	Eluru	Velairpadu	Medapalle	579309	**2436.0**
363	West Godavari	Tadepalligudem	Veerampalem	588319	**4060.2**
364	West Godavari	Tadepalligudem	Kommugudem	588321	**3754.2**
365	West Godavari	Tadepalligudem	Kunavaram	588320	**4376.2**
366	West Godavari	Tadepalligudem	Apparaopeta	588322	**4380.4**
367	West Godavari	Tadepalligudem	Jaggannapeta	588324	**4157.9**
368	West Godavari	Tadepalligudem	Kadiyedda	588323	**3576.6**
369	West Godavari	Tadepalligudem	Madhavaram	588331	**2942.1**
370	West Godavari	Tadepalligudem	Venkatramannagudem	588325	**3573.6**
371	West Godavari	Tadepalligudem	Jagannadhapuram	588332	**3634.0**
372	West Godavari	Tadepalligudem	Tadepalle	588326	**4807.6**
373	West Godavari	Tadepalligudem	Arugolanu	588330	**5148.6**
374	West Godavari	Tadepalligudem	Kunchanapalle	588329	**5011.1**
375	West Godavari	Tadepalligudem	Kondruprolu	588327	**4288.4**
376	West Godavari	Tadepalligudem	Nandamuru	588333	**5090.5**
377	West Godavari	Tadepalligudem	Arulla	588334	**5171.7**
378	West Godavari	Tadepalligudem	Nawabpalem	588335	**5033.4**
379	West Godavari	Tanuku	Konala	588541	**4799.6**
380	West Godavari	Tadepalligudem	Krishnayapalem	588336	**4668.2**
381	West Godavari	Pentapadu	Prathipadu	588502	**4845.4**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
382	West Godavari	Pentapadu	Darsiparru (R)	588501	**5152.8**
383	West Godavari	Pentapadu	Alampuram	588503	**4834.0**
384	West Godavari	Tadepalligudem	Padala	588328	**4722.1**
385	West Godavari	Tanuku	Muddapuram	588542	**4388.3**
386	West Godavari	Pentapadu	Racharla	588504	**4180.6**
387	West Godavari	Pentapadu	Vallurupalle	588505	**4184.3**
388	West Godavari	Tanuku	Duvva	588543	**3801.3**
389	West Godavari	Pentapadu	Pentapadu	588496	**3932.0**
390	West Godavari	Pentapadu	Jatlapalem	588490	**3808.4**
391	West Godavari	Pentapadu	Ravipadu	588507	**4409.6**
392	West Godavari	Pentapadu	Umamaheswaram	588495	**4126.5**
393	West Godavari	Pentapadu	Bodapadu	588506	**4678.4**
394	West Godavari	Pentapadu	Devaracheruvukhandrika	588497	**3284.0**
395	West Godavari	Tanuku	Tetali	588544	**4508.7**
396	West Godavari	Pentapadu	Akuteegapadu	588499	**4091.6**
397	West Godavari	Pentapadu	Kaspapentapadu	588498	**3787.6**
398	West Godavari	Pentapadu	Yanalapalle	588494	**3524.7**
399	West Godavari	Tanuku	Tanuku	802963	**4757.1**
400	West Godavari	Pentapadu	Mudunuru	588500	**4189.3**
401	West Godavari	Pentapadu	B.Kondepadu	588508	**4493.2**
402	West Godavari	Pentapadu	Chintapalle	588510	**4278.6**
403	West Godavari	Tanuku	Pydiparru	588545	**4576.1**
404	West Godavari	Pentapadu	Padamara Vipparru	588492	**3779.6**
405	West Godavari	Pentapadu	Korumilli	588509	**4296.6**
406	West Godavari	Tanuku	Mandapaka (Rural)	588546	**4197.7**
407	West Godavari	Attili	Varighedu	588550	**3616.5**
408	West Godavari	Pentapadu	Parimella	588493	**3205.5**
409	West Godavari	Attili	Tirupatipuram	588549	**3710.8**
410	West Godavari	Pentapadu	Meena Valluru	588511	**3909.6**
411	West Godavari	Tanuku	Komaravaram	588548	**4091.0**
412	West Godavari	Tanuku	Velpuru	588547	**4440.9**
413	West Godavari	Iragavaram	Kannayakumudavalli	588660	**4186.3**
414	West Godavari	Attili	Ballipadu	588552	**4588.8**
415	West Godavari	Iragavaram	Thurupuvipparru	588659	**4190.0**
416	West Godavari	Iragavaram	Kakulaillindalaparru	588656	**4929.4**
417	West Godavari	Iragavaram	Relangi	588653	**3798.4**
418	West Godavari	Attili	Gummampadu	588551	**4519.2**
419	West Godavari	Iragavaram	Goteru	588655	**4222.0**
420	West Godavari	Iragavaram	Rapakakhandrika	588661	**3508.6**
421	West Godavari	Iragavaram	Iragavaram	588666	**3661.2**
422	West Godavari	Iragavaram	Surampudi	588657	**4622.5**
423	West Godavari	Iragavaram	Rapaka	588658	**4102.7**
424	West Godavari	Attili	Attili	588553	**4015.7**
425	West Godavari	Iragavaram	Kavalipuram	588654	**4318.8**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
426	West Godavari	Iragavaram	Pekeru	588662	**3640.7**
427	West Godavari	Penugonda	Sidhantham	588676	**4208.4**
428	West Godavari	Iragavaram	Eletipadu	588664	**4246.7**
429	West Godavari	Penumantra	Somarajuillindalaparru	588637	**4272.1**
430	West Godavari	Akividu	Kolleru	588588	**3094.5**
431	West Godavari	Iragavaram	Ogidi	588668	**4587.4**
432	West Godavari	Undi	Aredu	588604	**3136.7**
433	West Godavari	Penugonda	Vadali	588675	**4134.5**
434	West Godavari	Iragavaram	Itempudi	588663	**4365.4**
435	West Godavari	Iragavaram	Garuvuguntakhandrika	588665	**4509.3**
436	West Godavari	Attili	Pali	588554	**3815.4**
437	West Godavari	Iragavaram	Inaparru	588669	**4282.5**
438	West Godavari	Attili	Kommara	588557	**4310.2**
439	West Godavari	Attili	Paluru	588556	**3827.5**
440	West Godavari	Iragavaram	Kothapadu	588667	**4431.1**
441	West Godavari	Penumantra	Mallipudi	588638	**5084.2**
442	West Godavari	Undi	Kaligotla	588603	**2310.0**
443	West Godavari	Penumantra	Juttiga	588640	**4073.9**
444	West Godavari	Penugonda	Cherukuwada	588674	**5016.0**
445	West Godavari	Undi	Panduvva	588605	**4037.6**
446	West Godavari	Undi	Unudurru	588607	**4630.2**
447	West Godavari	Iragavaram	Kantheru	588670	**4171.7**
448	West Godavari	Penugonda	Venkatramapuram	588680	**4422.1**
449	West Godavari	Penumantra	Nattarameswaram	588639	**3896.1**
450	West Godavari	Penugonda	Ramannapalem	588678	**4174.5**
451	West Godavari	Attili	Manchili	588555	**3723.1**
452	West Godavari	Undi	Panduvvakhandrika	588606	**3765.9**
453	West Godavari	Akividu	Pedakapavaram	588589	**2252.2**
454	West Godavari	Iragavaram	Kakileru	588673	**3968.0**
455	West Godavari	Penugonda	Nadipudi	588686	**3767.8**
456	West Godavari	Penugonda	Ilaparru	588677	**4360.6**
457	West Godavari	Penugonda	Penugonda	588681	**4744.0**
458	West Godavari	Penugonda	Munamarru	588679	**3542.1**
459	West Godavari	Iragavaram	Podalada	588671	**3631.4**
460	West Godavari	Iragavaram	Kathavapadu	588672	**3830.6**
461	West Godavari	Attili	Eduru	588558	**4607.1**
462	West Godavari	Akividu	Chinakapavaram	588590	**3671.4**
463	West Godavari	Attili	Kanchumarru	588559	**3390.5**
464	West Godavari	Penumantra	Mamuduru	588642	**2839.8**
465	West Godavari	Penumantra	Koyyetipadu	588646	**4343.0**
466	West Godavari	Akividu	Gummuluru	588591	**3183.5**
467	West Godavari	Penumantra	Penumantra	588641	**4267.8**
468	West Godavari	Penugonda	Tamarada	588683	**4048.5**
469	West Godavari	Penugonda	Deva	588684	**4161.4**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
470	West Godavari	Undi	Yendagandi	588608	**4600.9**
471	West Godavari	Undi	Uppuluru	588609	**3184.2**
472	West Godavari	Penugonda	Mulaparru	588685	**4891.1**
473	West Godavari	Undi	Kolamuru	588611	**5002.7**
474	West Godavari	Attili	Aravalli	588562	**3758.4**
475	West Godavari	Akividu	Siddapuram	588594	**3406.1**
476	West Godavari	Akividu	Kollaparru	588593	**3563.1**
477	West Godavari	Penumantra	Satyavaram	588647	**4613.1**
478	West Godavari	Penugonda	Kothalaparru	588682	**3989.6**
479	West Godavari	Palacoderu	Mypa	588624	**3689.7**
480	West Godavari	Penumantra	Bhatlamagutur	588644	**4131.4**
481	West Godavari	Penumantra	Alamuru	588645	**3763.2**
482	West Godavari	Penugonda	Chinamallam	588687	**4416.4**
483	West Godavari	Penumantra	Neggipudi	588648	**3997.0**
484	West Godavari	Undi	Pamulaparru	588612	**2808.7**
485	West Godavari	Palacoderu	Korukollu	588625	**3999.1**
486	West Godavari	Attili	Skinnerapuram	588560	**3386.7**
487	West Godavari	Achanta	Pedamallam	588690	**4254.1**
488	West Godavari	Palacoderu	Garagaparru	588623	**4337.7**
489	West Godavari	Penumantra	Polamuru	588643	**3934.9**
490	West Godavari	Penumantra	Marteru	588649	**3757.5**
491	West Godavari	Penumantra	Velagaleru	588650	**4486.2**
492	West Godavari	Undi	Chilukuru	588610	**3640.8**
493	West Godavari	Undi	Arthamuru	588613	**2422.9**
494	West Godavari	Achanta	Achanta	588688	**4037.3**
495	West Godavari	Veeravasaram	Andaluru	588712	**4479.6**
496	West Godavari	Undi	Undi	588616	**3778.0**
497	West Godavari	Palacoderu	Mogallu	588626	**4141.9**
498	West Godavari	Poduru	Pandithavilluru	588700	**3977.4**
499	West Godavari	Achanta	Kodamanchili	588689	**3586.9**
500	West Godavari	Penumantra	Oduru	588651	**3829.3**
501	West Godavari	Attili	Unikili	588561	**4335.3**
502	West Godavari	Veeravasaram	Nelapogula	588715	**4360.0**
503	West Godavari	Poduru	Jagannadhapuram	588699	**3837.4**
504	West Godavari	Veeravasaram	Navuduru	588713	**4269.9**
505	West Godavari	Poduru	Kavitam	588698	**4000.9**
506	West Godavari	Akividu	Dharmapuram	588595	**2172.9**
507	West Godavari	Akividu	Akividu	588598	**3059.2**
508	West Godavari	Veeravasaram	Konithiwada	588714	**4332.4**
509	West Godavari	Akividu	Madivada	588596	**2825.9**
510	West Godavari	Penumantra	Nelamuru	588652	**3158.7**
511	West Godavari	Undi	Cherukuwada	588614	**3532.3**
512	West Godavari	Achanta	Koderu	588691	**4526.9**
513	West Godavari	Veeravasaram	Madugupolavaram	588716	**4242.3**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
514	West Godavari	Palacoderu	Kondepudi	588627	**3952.4**
515	West Godavari	Undi	Mahadevapatnam	588622	**4267.8**
516	West Godavari	Poduru	Poduru	588702	**3399.4**
517	West Godavari	Undi	Kalisipudi	588615	**3347.5**
518	West Godavari	Palacoderu	Palakoderu	588630	**4374.5**
519	West Godavari	Palacoderu	Gollalakoderu	588631	**4212.0**
520	West Godavari	Palacoderu	Vendra Agraharam	588628	**3404.3**
521	West Godavari	Poduru	Kommuchikkala	588704	**3982.0**
522	West Godavari	Achanta	Penumanchili	588694	**3874.3**
523	West Godavari	Poduru	Miniminchilipadu	588701	**3824.5**
524	West Godavari	Veeravasaram	Tholeru	588719	**3700.6**
525	West Godavari	Palacoderu	Vendra	588629	**3934.9**
526	West Godavari	Undi	Narasimharajapura Agraharam	588620	**4167.6**
527	West Godavari	Achanta	Kandaravalli	588692	**3934.3**
528	West Godavari	Poduru	Pemmarajupolavaram	588703	**4020.9**
529	West Godavari	Achanta	Karugorumilli	588693	**3287.6**
530	West Godavari	Achanta	Achanta Vemavaram	588695	**3621.7**
531	West Godavari	Palacole	Aratlakatla	588774	**3623.5**
532	West Godavari	Veeravasaram	Panjavemavaram	588718	**3665.0**
533	West Godavari	Veeravasaram	Rayakuduru	588717	**4166.4**
534	West Godavari	Bhimavaram	Annavaram	588726	**4350.9**
535	West Godavari	Akividu	Ajjamuru	588597	**2834.3**
536	West Godavari	Palacoderu	Vissakoderu	588633	**4424.7**
537	West Godavari	Undi	Vandrum	588619	**3996.4**
538	West Godavari	Palacoderu	Kumudavalli	588632	**3739.5**
539	West Godavari	Palacoderu	Goraganamudi	588634	**3779.7**
540	West Godavari	Poduru	Vedangi	588705	**3871.6**
541	West Godavari	Kalla	Pedamiram	588749	**3251.8**
542	West Godavari	Palacoderu	Pennada Agraharam	588635	**3653.9**
543	West Godavari	Palacoderu	Srungavruksham	588636	**3255.7**
544	West Godavari	Veeravasaram	Thokalapudi	588720	**3746.3**
545	West Godavari	Achanta	Valluru	588696	**3483.6**
546	West Godavari	Poduru	Penumadam	588708	**3569.6**
547	West Godavari	Poduru	Gummaluru	588709	**3682.0**
548	West Godavari	Akividu	A.I.Bheemavaram	588600	**3000.3**
549	West Godavari	Palacole	Kapavaram	588775	**3535.4**
550	West Godavari	Bhimavaram	Kovvada	588728	**4062.8**
551	West Godavari	Bhimavaram	Narasimhapuram	588727	**4136.5**
552	West Godavari	Kalla	Kolanapalle	588746	**3061.4**
553	West Godavari	Achanta	Bhimalapuram	588697	**3831.9**
554	West Godavari	Poduru	Mettaparru	588707	**3333.6**
555	West Godavari	Veeravasaram	Veeravasaram	588721	**2859.3**
556	West Godavari	Undi	Pedapulleru	588617	**3907.6**
557	West Godavari	Palacole	Lankalakoderu	588777	**4143.8**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
558	West Godavari	Kalla	Seesali	588747	**3516.4**
559	West Godavari	Poduru	Jinnuru	588706	**3437.3**
560	West Godavari	Undi	Chinapulluru	588618	**3273.2**
561	West Godavari	Poduru	Vaddiparru	588711	**3764.7**
562	West Godavari	Kalla	Jakkaram	588748	**2801.5**
563	West Godavari	Kalla	Kallakuru	588741	**2849.6**
564	West Godavari	Kalla	Kalla	588745	**2979.6**
565	West Godavari	Akividu	Cherukumilli	588601	**3065.7**
566	West Godavari	Palacole	Palamuru	588780	**3903.5**
567	West Godavari	Poduru	Ravipadu	588710	**3657.9**
568	West Godavari	Bhimavaram	Chinamiram (Rural)	588729	**3678.4**
569	West Godavari	Kalla	Kopalle	588751	**3197.0**
570	West Godavari	Palacole	Sivadevunichikkala	588781	**3260.1**
571	West Godavari	Palacole	Ballipadu	588779	**3846.6**
572	West Godavari	Palacole	Dagguluru	588778	**3940.5**
573	West Godavari	Yelamanchili	Burugupalle	588796	**3154.4**
574	West Godavari	Yelamanchili	Gumparru	588795	**4287.1**
575	West Godavari	Bhimavaram	Rayalam (Rural)	588730	**4281.6**
576	West Godavari	Kalla	Vempadu	588750	**3399.7**
577	West Godavari	Palacole	Chintaparru	588776	**3451.0**
578	West Godavari	Kalla	Bondada	588752	**2940.4**
579	West Godavari	Yelamanchili	Penumarru	588794	**3224.9**
580	West Godavari	Yelamanchili	Neredumilli	588793	**3870.2**
581	West Godavari	Kalla	Elurupadu	588740	**2566.8**
582	West Godavari	Kalla	Doddanapudi	588744	**2889.7**
583	West Godavari	Bhimavaram	Taderu	588731	**3222.9**
584	West Godavari	Yelamanchili	Medapadu	588800	**3616.0**
585	West Godavari	Palacole	Tillapudi	588782	**3653.8**
586	West Godavari	Yelamanchili	Kontheru	588801	**3218.4**
587	West Godavari	Yelamanchili	Doddipatla	588797	**3497.0**
588	West Godavari	Yelamanchili	Ilapakurru	588798	**3973.0**
589	West Godavari	Bhimavaram	Komarada	588733	**3953.5**
590	West Godavari	Palacole	Chandaparru	588786	**3456.8**
591	West Godavari	Bhimavaram	Anakoderu	588734	**3906.9**
592	West Godavari	Veeravasaram	Mentepudi	588724	**3280.4**
593	West Godavari	Yelamanchili	Siragalapalle	588799	**2776.2**
594	West Godavari	Bhimavaram	Bethapudi	588737	**3033.9**
595	West Godavari	Bhimavaram	Yenamadurru	588732	**3430.3**
596	West Godavari	Veeravasaram	Machipuripalem	588723	**3888.8**
597	West Godavari	Palacole	Velivela	588783	**3444.3**
598	West Godavari	Palacole	Agarru	588784	**3486.9**
599	West Godavari	Veeravasaram	Bobbanapalle	588725	**3377.4**
600	West Godavari	Palacole	Varidhanam	588788	**3311.6**
601	West Godavari	Palacole	Digamarru	588787	**3814.0**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
602	West Godavari	Bhimavaram	Tundurru	588738	**2811.7**
603	West Godavari	Yelamanchili	Yelamanchili	588807	**4323.1**
604	West Godavari	Veeravasaram	Machipuri	588722	**3567.2**
605	West Godavari	Palacole	Gorintada	588785	**3789.2**
606	West Godavari	Narasapuram	Mallavaram	588761	**3742.8**
607	West Godavari	Yelamanchili	Kaza	588803	**3619.9**
608	West Godavari	Palacole	Pedamamidipalle	588789	**3102.1**
609	West Godavari	Narasapuram	Chittavaram	588764	**2995.5**
610	West Godavari	Narasapuram	Kamsalibethapudi	588759	**3223.9**
611	West Godavari	Bhimavaram	Dirusumarru	588736	**3647.6**
612	West Godavari	Narasapuram	Chinamamidipalle (Rural)	588767	**2993.0**
613	West Godavari	Narasapuram	Saripalle	588763	**2992.1**
614	West Godavari	Yelamanchili	Chinchinada	588806	**3621.3**
615	West Godavari	Narasapuram	Kopparru	588760	**2959.5**
616	West Godavari	Narasapuram	Gondi	588765	**4032.9**
617	West Godavari	Narasapuram	Navarasapuram	588766	**2756.0**
618	West Godavari	Narasapuram	Likhithapudi	588762	**3457.1**
619	West Godavari	Mogalthur	Seripalem	588755	**3348.8**
620	West Godavari	Yelamanchili	Yenuguvanilanka	588805	**3294.0**
621	West Godavari	Narasapuram	Rustumbada (Rural)	588768	**2452.4**
622	West Godavari	Mogalthur	Mogalthur	588756	**3411.1**
623	West Godavari	Narasapuram	Seetharamapuram	588769	**2605.3**
624	West Godavari	Narasapuram	Lakshmaneswaram	588770	**2813.0**
625	West Godavari	Tadepalligudem	Tadepalligudem (M)	802961	**4691.5**
626	West Godavari	Narasapuram	Narasapur (M)	802965	**1998.0**
627	Kona Seema	Mandapeta	Vemulapalle @ Seetayyapalem	587572	**3822.0**
628	Kona Seema	Mandapeta	Kesavaram	587571	**4569.6**
629	Kona Seema	Atreyapuram	Peravaram	587556	**3845.0**
630	Kona Seema	Mandapeta	Dwarapudi	587573	**4192.1**
631	Kona Seema	Mandapeta	Z.Medapadu	587575	**4100.3**
632	Kona Seema	Mandapeta	Chinadevarapudi	587574	**4268.5**
633	Kona Seema	Mandapeta	Velagathodu	587577	**4141.5**
634	Kona Seema	Rayavaram	Vedurupaka	587585	**3983.2**
635	Kona Seema	Atreyapuram	Rajavaram	587557	**3441.8**
636	Kona Seema	Mandapeta	Meruipadu	587576	**3550.1**
637	Kona Seema	Mandapeta	Palathodu	587578	**3569.2**
638	Kona Seema	Mandapeta	Arthamuru	587582	**3508.1**
639	Kona Seema	Mandapeta	Ippanapadu	587579	**3596.8**
640	Kona Seema	Mandapeta	Tapeswaram	587580	**4221.0**
641	Kona Seema	Mandapeta	Yeditha	587581	**4533.3**
642	Kona Seema	Rayavaram	Lolla	587584	**4197.4**
643	Kona Seema	Atreyapuram	Valicheru	587558	**3878.0**
644	Kona Seema	Ramachandrapuram	Narasapurapupeta	587635	**3684.6**
645	Kona Seema	Rayavaram	Nadurubada	587586	**4137.7**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
646	Kona Seema	Ramachandrapuram	Oduru	587636	**3822.9**
647	Kona Seema	Rayavaram	Someswaram	587588	**4721.2**
648	Kona Seema	Rayavaram	Pasalapudi	587587	**4093.4**
649	Kona Seema	Ramachandrapuram	Chodavaram	587633	**4632.4**
650	Kona Seema	Atreyapuram	Vaddiparru	587559	**3489.3**
651	Kona Seema	Mandapeta	Maredubaka	587583	**3598.9**
652	Kona Seema	Alamuru	Madiki	587654	**4285.4**
653	Kona Seema	Ramachandrapuram	Ambikapalle Agraharam	587634	**4951.2**
654	Kona Seema	Atreyapuram	Vasanthawada	587561	**3515.2**
655	Kona Seema	Ramachandrapuram	Yanamadala	587637	**4549.2**
656	Kona Seema	Rayavaram	Machavaram	587589	**4250.5**
657	Kona Seema	Kapileswarapuram	Nelaturu	587689	**4447.9**
658	Kona Seema	Atreyapuram	Atreyapuram	587563	**3411.3**
659	Kona Seema	Ramachandrapuram	Tadipalle	587638	**4124.5**
660	Kona Seema	Alamuru	Narsipudi	587656	**3790.2**
661	Kona Seema	Alamuru	Choppela	587655	**3491.6**
662	Kona Seema	Rayavaram	Chelluru	587590	**3958.8**
663	Kona Seema	Ramachandrapuram	Kapavaram	587639	**4429.9**
664	Kona Seema	Ramachandrapuram	Vella	587641	**4721.9**
665	Kona Seema	Alamuru	Modukuru	587657	**4234.4**
666	Kona Seema	Ramachandrapuram	Yerupalle	587642	**4507.1**
667	Kona Seema	Kapileswarapuram	Valluru	587690	**4161.8**
668	Kona Seema	Ramachandrapuram	Unduru	587651	**5322.4**
669	Kona Seema	Alamuru	Gummileru	587658	**4765.5**
670	Kona Seema	Atreyapuram	Kattunga	587564	**3783.1**
671	Kona Seema	Alamuru	Navabpeta	587663	**4126.8**
672	Kona Seema	Alamuru	Jonnada	587664	**5155.9**
673	Kona Seema	Rayavaram	Venturu	587591	**4340.2**
674	Kona Seema	Ramachandrapuram	Kandulapalem	587640	**4480.0**
675	Kona Seema	Atreyapuram	Lolla	587565	**3578.5**
676	Kona Seema	Alamuru	Penikeru	587662	**4107.6**
677	Kona Seema	Alamuru	Alamuru	587665	**4511.5**
678	Kona Seema	Ramachandrapuram	Jagannaikulapalem	587645	**4762.6**
679	Kona Seema	Ramachandrapuram	Utrumilli	587643	**4967.6**
680	Kona Seema	Alamuru	Pedapalle	587660	**4500.3**
681	Kona Seema	Ramachandrapuram	Velampalem	587644	**4447.5**
682	Kona Seema	Alamuru	Kalavacherla	587661	**3926.7**
683	Kona Seema	Kapileswarapuram	Kaleru	587693	**4550.9**
684	Kona Seema	Atreyapuram	Vadapalle	587566	**3200.1**
685	Kona Seema	Kapileswarapuram	Nidasanametta	587691	**4116.7**
686	Kona Seema	Kapileswarapuram	Vadlamuru	587692	**4370.9**
687	Kona Seema	Kapileswarapuram	Nalluru	587694	**4583.2**
688	Kona Seema	Kapileswarapuram	Vedurumudi	587695	**4360.1**
689	Kona Seema	Ramachandrapuram	Draksharama	587646	**4141.8**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
690	Kona Seema	Ramachandrapuram	Hasanbada	587650	**4322.0**
691	Kona Seema	Alamuru	Pinapalle	587659	**4229.7**
692	Kona Seema	Kapileswarapuram	Angara	587696	**3498.2**
693	Kona Seema	Atreyapuram	Narkedimilli	587567	**3202.9**
694	Kona Seema	Atreyapuram	Ankampalem	587568	**3779.4**
695	Kona Seema	Atreyapuram	Merlapalem	587570	**3404.5**
696	Kona Seema	Ramachandrapuram	Bheemakrosupalem	587652	**5025.0**
697	Kona Seema	Ramachandrapuram	Thotapeta	587649	**4606.5**
698	Kona Seema	Atreyapuram	Ryali	587569	**2846.0**
699	Kona Seema	Rayavaram	Kurmapuram	587592	**4580.5**
700	Kona Seema	Alamuru	Chintaluru	587666	**3136.8**
701	Kona Seema	Alamuru	Sandhipudi	587667	**4086.6**
702	Kona Seema	Pamarru	Addampalle	587712	**4931.3**
703	Kona Seema	Ramachandrapuram	Vegayammapeta	587648	**4541.0**
704	Kona Seema	Rayavaram	Kurakallapalle	587593	**3867.1**
705	Kona Seema	Kapileswarapuram	Teki	587698	**4070.0**
706	Kona Seema	Ramachandrapuram	Venkatayapalem	587647	**4609.2**
707	Kona Seema	Kapileswarapuram	Padamati Khandrika	587697	**4803.6**
708	Kona Seema	Pamarru	Vilasa Gangavaram	587711	**5165.4**
709	Kona Seema	Pamarru	Balantharam	587713	**4091.6**
710	Kona Seema	Pamarru	Yerraa Pothavaram	587710	**4575.7**
711	Kona Seema	Pamarru	Yendagandi	587704	**4586.1**
712	Kona Seema	Pamarru	Paningapalle	587707	**5050.7**
713	Kona Seema	Pamarru	Pamarru	587705	**4416.3**
714	Kona Seema	Pamarru	Amjuru	587706	**4681.2**
715	Kona Seema	Kapileswarapuram	Thatapudi	587703	**3362.0**
716	Kona Seema	Pamarru	Sivala	587709	**4587.9**
717	Kona Seema	Kapileswarapuram	Kapileswarapuram	587702	**4575.1**
718	Kona Seema	Pamarru	Dangeru	587718	**3994.6**
719	Kona Seema	Pamarru	Gudigalla Rallagunta	587716	**4525.8**
720	Kona Seema	Kapileswarapuram	Vakatippa	587699	**4581.1**
721	Kona Seema	Pamarru	Pekeru	587714	**4020.0**
722	Kona Seema	Pamarru	Satyawada	587721	**4312.7**
723	Kona Seema	Pamarru	Kunduru	587708	**5375.5**
724	Kona Seema	Kapileswarapuram	Machara	587700	**4234.7**
725	Kona Seema	Pamarru	Gudigalla Bhaga	587715	**4663.9**
726	Kona Seema	Ravulapalem	Lakshmipolavaram	587672	**3507.5**
727	Kona Seema	Pamarru	Gangavaram	587719	**4156.0**
728	Kona Seema	Pamarru	Kudupuru	587717	**4535.1**
729	Kona Seema	Ravulapalem	Vedireswaram	587671	**2764.9**
730	Kona Seema	Ravulapalem	Podagatlapalle	587674	**4110.3**
731	Kona Seema	Pamarru	Thamarapalle	587720	**4708.5**
732	Kona Seema	Pamarru	Bhatla Palika	587726	**4825.3**
733	Kona Seema	Kothapeta	Kothapeta	587680	**3351.0**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
734	Kona Seema	Pamarru	Koolla	587722	**4202.5**
735	Kona Seema	Ravulapalem	Devarapalle	587677	**4320.0**
736	Kona Seema	Kapileswarapuram	Korumilli	587701	**4608.2**
737	Kona Seema	Ravulapalem	Ithakota	587676	**4030.6**
738	Kona Seema	Pamarru	Sundarapalle	587724	**3923.0**
739	Kona Seema	Pamarru	Kota	587725	**3798.0**
740	Kona Seema	Ravulapalem	Gopalapuram	587675	**3370.9**
741	Kona Seema	Kothapeta	Vadapalem	587681	**2991.6**
742	Kona Seema	I. Polavaram	Patha Injaram	587743	**1143.6**
743	Kona Seema	Pamarru	Kotipalle	587723	**3736.8**
744	Kona Seema	I. Polavaram	Guthinadeevi	587745	**2227.1**
745	Kona Seema	Kothapeta	Vanapalle	587687	**2946.0**
746	Kona Seema	Kothapeta	Palivela	587682	**3261.5**
747	Kona Seema	I. Polavaram	Komaragiri	587742	**2451.2**
748	Kona Seema	Ravulapalem	Mummidivarappadu	587678	**4023.5**
749	Kona Seema	Kothapeta	Billa Kurru	587685	**3645.6**
750	Kona Seema	I. Polavaram	I. Polavaram	587748	**2672.0**
751	Kona Seema	I. Polavaram	T. Kothapalle	587747	**2608.4**
752	Kona Seema	I. Polavaram	G. Vemavaram	587746	**2668.2**
753	Kona Seema	Kothapeta	Avidi	587684	**3579.6**
754	Kona Seema	Ainavilli	Madupalle	587763	**3160.3**
755	Kona Seema	Kothapeta	Ganti	587683	**3895.8**
756	Kona Seema	Mummidivaram	Annampalle	587755	**2070.4**
757	Kona Seema	Mummidivaram	Komanapalle	587754	**3288.8**
758	Kona Seema	Ainavilli	Chintana Lanka	587765	**3375.0**
759	Kona Seema	Mummidivaram	Tanelanka	587753	**2911.7**
760	Kona Seema	Ainavilli	Ainavilli	587767	**3100.7**
761	Kona Seema	Ainavilli	Veluvalapalle	587766	**3821.7**
762	Kona Seema	I. Polavaram	Muramalla	587749	**2872.3**
763	Kona Seema	Kothapeta	Modekurru	587688	**3557.2**
764	Kona Seema	Ainavilli	Sanapalli Lanka	587772	**2583.1**
765	Kona Seema	Ainavilli	Totharamudi	587768	**3676.1**
766	Kona Seema	P.Gannavaram	Ganti Pedapudi	587780	**3692.2**
767	Kona Seema	Mummidivaram	Gadilanka	587756	**3102.8**
768	Kona Seema	Ambajipeta	Pasupalle	587801	**3566.3**
769	Kona Seema	Mummidivaram	Kothalanka	587757	**2857.5**
770	Kona Seema	Mummidivaram	Mummidivaram	587758	**3566.0**
771	Kona Seema	Ainavilli	Krapa	587771	**2357.1**
772	Kona Seema	Ambajipeta	Vakkalanka	587800	**2882.1**
773	Kona Seema	Ambajipeta	Chiratapudi	587798	**3969.0**
774	Kona Seema	P.Gannavaram	Kundalapalle	587782	**3719.9**
775	Kona Seema	Ainavilli	Nedunuru	587776	**3008.7**
776	Kona Seema	I. Polavaram	Kesanakurru	587750	**2628.8**
777	Kona Seema	P.Gannavaram	Udumudi	587781	**3694.6**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
778	Kona Seema	P.Gannavaram	Narendrapuram	587783	**3727.3**
779	Kona Seema	Ambajipeta	Mukkamala	587802	**2622.6**
780	Kona Seema	Ainavilli	Siripalle	587774	**3300.4**
781	Kona Seema	Ainavilli	K. Jagannadhapuram	587773	**3195.4**
782	Kona Seema	Ambajipeta	Pulletikurru	587799	**3298.8**
783	Kona Seema	Ainavilli	Magam	587778	**3406.7**
784	Kona Seema	Ambajipeta	Irusumanda	587803	**2763.1**
785	Kona Seema	Katrenikona	Pallamkurru	587914	**2547.9**
786	Kona Seema	Ambajipeta	Isukapudi	587807	**3674.1**
787	Kona Seema	Ainavilli	Sirasavalli Savaram	587775	**3805.2**
788	Kona Seema	P.Gannavaram	Bellampudi	587784	**3750.6**
789	Kona Seema	Ainavilli	Vilasa	587777	**2916.3**
790	Kona Seema	Ainavilli	Pothukurru	587779	**3155.9**
791	Kona Seema	Mummidivaram	Ainapuram	587762	**2299.6**
792	Kona Seema	Ambajipeta	Mosalipalle	587804	**3362.5**
793	Kona Seema	Ambajipeta	K. Pedapudi	587806	**2592.9**
794	Kona Seema	Ambajipeta	Gangalakurru	587805	**2815.3**
795	Kona Seema	Mummidivaram	Ananthavaram	587760	**2622.8**
796	Kona Seema	Katrenikona	Cheyyeru	587905	**2249.9**
797	Kona Seema	Amalapuram	Palagummi	587874	**4003.8**
798	Kona Seema	Amalapuram	A. Vemavaram	587877	**3155.5**
799	Kona Seema	P.Gannavaram	Patha Gannavaram	587786	**3160.8**
800	Kona Seema	Amalapuram	Nallamilli	587876	**2658.8**
801	Kona Seema	Mummidivaram	Ch. Gunnepalle	587761	**2853.5**
802	Kona Seema	P.Gannavaram	Pothavaram	587787	**3525.9**
803	Kona Seema	Katrenikona	Kundaleswaram	587911	**3712.5**
804	Kona Seema	Amalapuram	Nadipudi	587875	**2922.7**
805	Kona Seema	Ambajipeta	Machavaram	587808	**2991.6**
806	Kona Seema	P.Gannavaram	Munganda	587788	**3970.5**
807	Kona Seema	Amalapuram	Bhatnavilli	587878	**3351.7**
808	Kona Seema	Amalapuram	Janupalle	587880	**2603.5**
809	Kona Seema	Katrenikona	Nadavapalle	587912	**2430.0**
810	Kona Seema	Amalapuram	Amalapuram (Rural)	587879	**2473.5**
811	Kona Seema	Katrenikona	Katrenikona	587910	**2397.2**
812	Kona Seema	Katrenikona	Dontikurru	587913	**2704.7**
813	Kona Seema	Uppalaguptam	Vilasavilli	587891	**2727.3**
814	Kona Seema	Katrenikona	Kandikuppa	587915	**2631.9**
815	Kona Seema	Uppalaguptam	Bheemanapalle	587892	**2633.4**
816	Kona Seema	Uppalaguptam	Nangavaram	587893	**3118.2**
817	Kona Seema	Katrenikona	Geddanapalle	587916	**2397.2**
818	Kona Seema	P.Gannavaram	Mungandapalem	587789	**3755.5**
819	Kona Seema	Katrenikona	Uppudi	587909	**2447.2**
820	Kona Seema	Katrenikona	Lakshmiwada	587906	**2847.0**
821	Kona Seema	Katrenikona	Bantumilli	587908	**3005.9**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
822	Kona Seema	Uppalaguptam	Sannavalli	587894	**2908.4**
823	Kona Seema	Uppalaguptam	Chinagedavalli	587895	**2270.0**
824	Kona Seema	Amalapuram	Samanasa	587889	**2564.3**
825	Kona Seema	Uppalaguptam	Pedagadavilli	587896	**3095.0**
826	Kona Seema	P.Gannavaram	Yenugupalle	587797	**4017.6**
827	Kona Seema	P.Gannavaram	Karupallipadu	587792	**4519.8**
828	Kona Seema	P.Gannavaram	Katharlanka	587791	**4365.2**
829	Kona Seema	Uppalaguptam	Munipalle	587897	**3089.6**
830	Kona Seema	Uppalaguptam	Gollavilli	587898	**3359.8**
831	Kona Seema	Amalapuram	Vanne Chintalapudi	587888	**2541.1**
832	Kona Seema	P.Gannavaram	Vainateya Kothapalle	587793	**3655.6**
833	Kona Seema	Uppalaguptam	Uppalaguptam	587899	**2855.8**
834	Kona Seema	P.Gannavaram	Manepalle	587796	**3274.8**
835	Kona Seema	Amalapuram	Peruru	587885	**3496.5**
836	Kona Seema	Amalapuram	Thandavapalle	587887	**3499.9**
837	Kona Seema	Amalapuram	Immidivarappadu	587886	**2954.7**
838	Kona Seema	Allavaram	Gudala	587862	**3097.8**
839	Kona Seema	Uppalaguptam	Kunavaram	587901	**3128.7**
840	Kona Seema	Allavaram	Allavaram	587861	**3256.1**
841	Kona Seema	Mamidikuduru	Pasarlapudi	587814	**3109.4**
842	Kona Seema	Uppalaguptam	Gopavaram	587902	**3244.0**
843	Kona Seema	P.Gannavaram	Vadrevupalle	587795	**3268.9**
844	Kona Seema	Allavaram	Tadikona	587863	**2671.9**
845	Kona Seema	Mamidikuduru	Pedapatnam	587816	**2814.9**
846	Kona Seema	Allavaram	Yentrikona	587864	**2769.1**
847	Kona Seema	Uppalaguptam	T. Challapalle	587903	**2397.1**
848	Kona Seema	Allavaram	Devaguptam	587865	**3529.8**
849	Kona Seema	Mamidikuduru	Nagaram	587817	**3611.4**
850	Kona Seema	Mamidikuduru	Mamidikuduru	587815	**3106.8**
851	Kona Seema	Razole	Thatipaka	587828	**2873.6**
852	Kona Seema	Mamidikuduru	Mogalikuduru	587818	**3487.1**
853	Kona Seema	Mamidikuduru	Geddada	587819	**3529.3**
854	Kona Seema	Mamidikuduru	Edarada	587820	**3364.9**
855	Kona Seema	Mamidikuduru	Adurru	587824	**3961.3**
856	Kona Seema	Razole	Kadali	587835	**2965.8**
857	Kona Seema	Mamidikuduru	Komarada	587825	**3345.4**
858	Kona Seema	Razole	Sivakodu	587832	**2957.1**
859	Kona Seema	Allavaram	Komaragiripatnam	587872	**3294.0**
860	Kona Seema	Allavaram	Bendamurulanka	587871	**3162.8**
861	Kona Seema	Razole	Chintalapalle	587836	**2643.3**
862	Kona Seema	Razole	Ponnamanda	587839	**2758.3**
863	Kona Seema	Razole	Mulikipalle	587838	**3418.2**
864	Kona Seema	Malikipuram	Lakkavaram	587844	**2650.3**
865	Kona Seema	Malikipuram	Irusumanda	587848	**2600.5**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
866	Kona Seema	Mandapeta	Mandapeta (M)	802956	**3690.4**
867	East Godavari	Gokavaram	Kothapalle	587224	**4538.1**
868	East Godavari	Gokavaram	Mallavaram	587234	**1988.5**
869	East Godavari	Gokavaram	Kalijolla	587235	**3272.4**
870	East Godavari	Gokavaram	Krishnunipalem	587223	**3409.8**
871	East Godavari	Gokavaram	Sudikonda	587232	**2983.6**
872	East Godavari	Gokavaram	Bhupatipalem	587236	**3343.4**
873	East Godavari	Gokavaram	Gokavaram	587225	**4436.1**
874	East Godavari	Seethanagaram	Purushothapatnam	587206	**4266.1**
875	East Godavari	Gokavaram	Thantikonda	587226	**4974.0**
876	East Godavari	Gokavaram	Rampa Yerrampalem	587230	**3837.4**
877	East Godavari	Korukonda	Bodleddupalem	587376	**3529.5**
878	East Godavari	Gokavaram	Gadelapalem	587227	**4278.3**
879	East Godavari	Gokavaram	Tirumalayapalem	587237	**4749.7**
880	East Godavari	Seethanagaram	Nagampalle	587211	**4501.5**
881	East Godavari	Seethanagaram	Chinakondepudi	587210	**5014.1**
882	East Godavari	Gokavaram	Atchutapuram	587228	**4355.2**
883	East Godavari	Seethanagaram	Vangalapudi	587207	**5188.4**
884	East Godavari	Korukonda	Kanupuru	587383	**4244.6**
885	East Godavari	Korukonda	Raghavapuram	587378	**4495.7**
886	East Godavari	Gokavaram	Gummalladuddi	587229	**3813.4**
887	East Godavari	Korukonda	Kotikesavaram	587377	**5050.6**
888	East Godavari	Seethanagaram	Singavaram	587208	**5041.2**
889	East Godavari	Seethanagaram	Nallagonda	587212	**4564.6**
890	East Godavari	Korukonda	Korukonda	587380	**4267.7**
891	East Godavari	Korukonda	Srirangapatnam	587379	**4625.8**
892	East Godavari	Korukonda	Narasapuram	587382	**3919.3**
893	East Godavari	Korukonda	Gadarada	587384	**4484.3**
894	East Godavari	Korukonda	Koti	587375	**4451.1**
895	East Godavari	Seethanagaram	Raghudevapuram	587213	**5056.5**
896	East Godavari	Korukonda	Jambupatnam	587381	**4282.2**
897	East Godavari	Rajanagaram	Kalavacherla	587404	**4400.5**
898	East Godavari	Korukonda	Munagala	587389	**4224.0**
899	East Godavari	Korukonda	Kapavaram	587388	**4502.7**
900	East Godavari	Korukonda	Narasimhapura Agraharam	587385	**4026.4**
901	East Godavari	Seethanagaram	Muggaulla	587214	**4627.6**
902	East Godavari	Rajanagaram	Nandarada	587403	**3988.4**
903	East Godavari	Korukonda	Burugupudi	587387	**4363.7**
904	East Godavari	Korukonda	Dosakayalapalle	587386	**4126.2**
905	East Godavari	Seethanagaram	Munikudali	587216	**3576.0**
906	East Godavari	Seethanagaram	Katavaram	587217	**3754.9**
907	East Godavari	Korukonda	Butchempeta	587390	**2883.3**
908	East Godavari	Seethanagaram	Hundeswarapuram	587222	**3303.4**
909	East Godavari	Rangampeta	Rangampeta	587422	**3155.3**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
910	East Godavari	Rangampeta	Pedarayavaram	587423	**3591.6**
911	East Godavari	Rajanagaram	Narendrapuram	587406	**4839.7**
912	East Godavari	Rangampeta	Vadisaleru	587421	**3543.5**
913	East Godavari	Seethanagaram	Mirthipadu	587221	**4419.1**
914	East Godavari	Korukonda	Nidigatla	587393	**3232.1**
915	East Godavari	Korukonda	Madhurapudi	587391	**3975.0**
916	East Godavari	Seethanagaram	Jalimudi	587218	**3460.6**
917	East Godavari	Rangampeta	Kotapadu	587424	**3982.8**
918	East Godavari	Rajanagaram	Velugubanda	587407	**3267.7**
919	East Godavari	Rajanagaram	Rajanagaram	587405	**4176.3**
920	East Godavari	Seethanagaram	Bobbillanka	587219	**3200.9**
921	East Godavari	Rangampeta	South Thirupathi Rajapuram	587420	**3233.6**
922	East Godavari	Rajahmundry (Rural)	Torredu	587394	**3254.1**
923	East Godavari	Korukonda	Gadala	587392	**4004.4**
924	East Godavari	Rangampeta	Venkatapuram	587425	**3485.6**
925	East Godavari	Rajanagaram	Jagannadhapuram Agraharam	587409	**3612.6**
926	East Godavari	Rajanagaram	Palacharla	587412	**4573.5**
927	East Godavari	Rajanagaram	Kanavaram	587410	**3791.6**
928	East Godavari	Rangampeta	Mukundavaram	587427	**3684.7**
929	East Godavari	Rajanagaram	Venkatapuram	587408	**3474.9**
930	East Godavari	Rajahmundry (Rural)	Kolamuru	587395	**3479.7**
931	East Godavari	Rangampeta	Subhadrampeta	587426	**4195.5**
932	East Godavari	Rajahmundry (Rural)	Katheru	587397	**3154.4**
933	East Godavari	Rangampeta	Patha Doddigunta	587431	**3421.0**
934	East Godavari	Rangampeta	Marripudi	587432	**3920.4**
935	East Godavari	Rangampeta	G. Donthamuru	587430	**3627.6**
936	East Godavari	Biccavolu	Rangapuram	587526	**4243.5**
937	East Godavari	Rajanagaram	Patha Thungapadu	587417	**3720.3**
938	East Godavari	Rajanagaram	Thokada	587418	**4623.1**
939	East Godavari	Rangampeta	Nallamilli	587434	**3861.1**
940	East Godavari	Rangampeta	Veerampalem	587429	**4653.5**
941	East Godavari	Biccavolu	Illapalle	587527	**3513.2**
942	East Godavari	Rajahmundry (Rural)	Hukumpeta	587399	**3207.6**
943	East Godavari	Biccavolu	Balabhadrapuram	587531	**3935.4**
944	East Godavari	Rajanagaram	Mukkinada	587419	**4551.2**
945	East Godavari	Biccavolu	Thummalapalle	587528	**4436.1**
946	East Godavari	Biccavolu	Biccavolu	587530	**4926.4**
947	East Godavari	Rajanagaram	G. Yerrampalem	587416	**4643.3**
948	East Godavari	Biccavolu	Rallakhandrika	587529	**4905.8**
949	East Godavari	Biccavolu	Kapavaram	587532	**3563.1**
950	East Godavari	Anaparthy	Duppalapudi	587540	**4133.5**
951	East Godavari	Rajanagaram	Namavaram	587414	**3238.5**
952	East Godavari	Rajahmundry (Rural)	Rajavolu	587396	**3751.6**
953	East Godavari	Rajanagaram	Konda Gunturu	587415	**4725.2**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
954	East Godavari	Anaparthy	Anaparthy	587541	**4646.1**
955	East Godavari	Biccavolu	Komaripalem	587533	**3645.3**
956	East Godavari	Biccavolu	Voolapalle	587536	**4271.0**
957	East Godavari	Kadiam	Kadiam	587550	**3667.8**
958	East Godavari	Kadiam	Vemagiri	587549	**3580.9**
959	East Godavari	Biccavolu	Pandalapaka	587535	**4510.7**
960	East Godavari	Biccavolu	Tossipudi	587534	**3967.3**
961	East Godavari	Kadiam	Jegurupadu	587551	**4745.7**
962	East Godavari	Anaparthy	Koppavaram	587542	**4104.2**
963	East Godavari	Biccavolu	Konkuduru	587537	**4645.5**
964	East Godavari	Anaparthy	Mahendrawada	587543	**3808.5**
965	East Godavari	Anaparthy	Polamuru	587544	**3964.9**
966	East Godavari	Anaparthy	Ramavaram	587545	**3607.4**
967	East Godavari	Biccavolu	Melluru	587539	**3466.2**
968	East Godavari	Biccavolu	Arikarevula	587538	**4047.9**
969	East Godavari	Kadiam	Muramanda	587554	**4195.3**
970	East Godavari	Anaparthy	Pedaparthi	587547	**4698.9**
971	East Godavari	Anaparthy	Kutukuluru	587546	**4623.1**
972	East Godavari	Anaparthy	Pulagurtha	587548	**4327.8**
973	East Godavari	Kadiam	Dulla	587555	**4229.6**
974	East Godavari	Gopalapuram	Dondapudi	588131	**3189.6**
975	East Godavari	Gopalapuram	Gangolu	588132	**3833.2**
976	East Godavari	Gopalapuram	Sagipadu	588130	**3529.8**
977	East Godavari	Gopalapuram	Karagapadu	588129	**4145.6**
978	East Godavari	Gopalapuram	Kovvurupadu	588135	**4013.7**
979	East Godavari	Gopalapuram	Saggonda	588133	**3421.1**
980	East Godavari	Tallapudi	Bayyavaram	588110	**3601.0**
981	East Godavari	Gopalapuram	Nandigudem	588137	**3562.0**
982	East Godavari	Gopalapuram	Guddigudem	588136	**3355.4**
983	East Godavari	Tallapudi	Ragolapalle	588112	**3207.0**
984	East Godavari	Tallapudi	Thadipudi	588111	**3967.8**
985	East Godavari	Tallapudi	Thupakulagudem	588113	**4005.4**
986	East Godavari	Gopalapuram	Bhimolu	588134	**4149.5**
987	East Godavari	Tallapudi	Pochavaram	588114	**4415.8**
988	East Godavari	Tallapudi	Annadevarapeta	588118	**4791.9**
989	East Godavari	Tallapudi	Paidimetta	588115	**3779.9**
990	East Godavari	Tallapudi	Prakkilanka	588116	**2980.8**
991	East Godavari	Tallapudi	Gajjaram	588117	**4084.2**
992	East Godavari	Gopalapuram	Gopalapuram	588143	**3013.3**
993	East Godavari	Tallapudi	Kukunuru	588120	**5004.6**
994	East Godavari	Gopalapuram	Karicharlagudem	588138	**4109.8**
995	East Godavari	Gopalapuram	Jagannadhapuram	588139	**3586.5**
996	East Godavari	Tallapudi	Thallapudi	588121	**4153.0**
997	East Godavari	Tallapudi	Veerabhadrapuram	588119	**4680.9**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
998	East Godavari	Gopalapuram	Chityala	588145	**4495.1**
999	East Godavari	Gopalapuram	Vellachintalagudem	588144	**2414.3**
1000	East Godavari	Tallapudi	Vegeswarapuram	588122	**4871.4**
1001	East Godavari	Gopalapuram	Komatigunta	588141	**3412.4**
1002	East Godavari	Gopalapuram	Gangavaram	588140	**3896.2**
1003	East Godavari	Devarapalle	Yadavole	588253	**4123.5**
1004	East Godavari	Tallapudi	Peddevam	588124	**4729.8**
1005	East Godavari	Tallapudi	Ballipadu	588123	**4618.8**
1006	East Godavari	Tallapudi	Tirugudumetta	588125	**4983.5**
1007	East Godavari	Gopalapuram	Venkatayapalem	588146	**3839.0**
1008	East Godavari	Kovvur	Chidipi	588271	**2864.3**
1009	East Godavari	Gopalapuram	Cherukumilli	588147	**3673.4**
1010	East Godavari	Kovvur	Kumaradevam	588272	**3627.0**
1011	East Godavari	Devarapalle	Bandapuram	588262	**3418.4**
1012	East Godavari	Tallapudi	Nallamillipadu	588126	**3536.4**
1013	East Godavari	Devarapalle	Devarapalle	588260	**3305.8**
1014	East Godavari	Tallapudi	Ravurupadu	588128	**2694.1**
1015	East Godavari	Tallapudi	Malakapalle	588127	**4462.1**
1016	East Godavari	Devarapalle	Chinnayagudem	588254	**2967.4**
1017	East Godavari	Kovvur	Penakanametta	588270	**3866.3**
1018	East Godavari	Devarapalle	Gowripatnam	588264	**4740.2**
1019	East Godavari	Kovvur	Arikirevula	588273	**5057.7**
1020	East Godavari	Devarapalle	Duddukuru	588263	**4592.2**
1021	East Godavari	Kovvur	Dommeru	588268	**4839.3**
1022	East Godavari	Kovvur	Dharmavaram	588269	**4723.1**
1023	East Godavari	Nallajerla	Pothavaram	588240	**3741.0**
1024	East Godavari	Kovvur	Kovvuru	802959	**5160.5**
1025	East Godavari	Nallajerla	Anumunilanka	588239	**4368.4**
1026	East Godavari	Devarapalle	Kondagudem	588265	**5074.6**
1027	East Godavari	Devarapalle	Yernagudem	588255	**4939.8**
1028	East Godavari	Devarapalle	Dhumanthunigudem	588259	**3010.5**
1029	East Godavari	Kovvur	Isukapatlapangidi	588267	**4391.4**
1030	East Godavari	Chagallu	Chagallu	588283	**3787.7**
1031	East Godavari	Kovvur	Nandamuru	588274	**4169.3**
1032	East Godavari	Nallajerla	Sanjeevapuram	588242	**3702.3**
1033	East Godavari	Nallajerla	Ananthapalle	588241	**3983.1**
1034	East Godavari	Kovvur	Pasivedala	588275	**4976.8**
1035	East Godavari	Devarapalle	Pallantlai	588258	**4439.9**
1036	East Godavari	Kovvur	Vemuluru	588276	**3534.9**
1037	East Godavari	Chagallu	Nelaturu	588284	**4089.1**
1038	East Godavari	Nallajerla	Nallajerla	588247	**4457.2**
1039	East Godavari	Chagallu	Mallavaram	588285	**5062.4**
1040	East Godavari	Chagallu	Markondapadu	588286	**4873.4**
1041	East Godavari	Devarapalle	Tyajampudi	588256	**4099.7**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
1042	East Godavari	Devarapalle	Kurukuru	588257	**4580.3**
1043	East Godavari	Nallajerla	Veeravalli	588243	**4171.5**
1044	East Godavari	Kovvur	Thogummi	588277	**4773.5**
1045	East Godavari	Nallajerla	Cheepurugudem	588246	**2959.0**
1046	East Godavari	Nallajerla	Gundepalle @ Chodavaram(East)	588244	**3702.5**
1047	East Godavari	Kovvur	Vadapalle	588278	**4868.2**
1048	East Godavari	Chagallu	Unagatla	588288	**4841.9**
1049	East Godavari	Chagallu	Nandigampadu	588287	**4516.2**
1050	East Godavari	Chagallu	Kalavalapalle	588289	**4550.9**
1051	East Godavari	Nallajerla	Chodavaram (West)	588245	**4568.0**
1052	East Godavari	Nidadavole	Korumamidi	588295	**4801.6**
1053	East Godavari	Chagallu	Singanamuppavaram	588290	**4704.6**
1054	East Godavari	Kovvur	Madduru	588279	**4686.1**
1055	East Godavari	Nallajerla	Telikicherla	588252	**4181.2**
1056	East Godavari	Nidadavole	Vissampalem	588296	**5150.0**
1057	East Godavari	Chagallu	Brahmanagudem	588291	**4249.7**
1058	East Godavari	Nallajerla	Prakasaraopalem	588251	**3992.5**
1059	East Godavari	Chagallu	Daravaram	588292	**3878.6**
1060	East Godavari	Nidadavole	Tadimalla	588297	**4932.9**
1061	East Godavari	Nidadavole	Nidadavole (Rural)	588303	**4883.7**
1062	East Godavari	Nidadavole	Surapuram	588301	**4883.7**
1063	East Godavari	Nidadavole	Gopavaram	588304	**4464.1**
1064	East Godavari	Nidadavole	Vijjeswaram	588305	**3956.0**
1065	East Godavari	Nallajerla	Marellamudi	588249	**3831.2**
1066	East Godavari	Nidadavole	Thimmarajupalem	588302	**4400.4**
1067	East Godavari	Nallajerla	Avapadu	588250	**2933.6**
1068	East Godavari	Nidadavole	Sankarapuram	588300	**4716.7**
1069	East Godavari	Nidadavole	Unakaramilli	588298	**3781.7**
1070	East Godavari	Nidadavole	Purushothapalle	588306	**3794.9**
1071	East Godavari	Nidadavole	Ravimetla	588299	**4078.4**
1072	East Godavari	Nidadavole	Pandalaparru	588307	**4546.9**
1073	East Godavari	Nidadavole	D.Muppavaram	588308	**3898.0**
1074	East Godavari	Nidadavole	Atlapadu	588309	**4907.4**
1075	East Godavari	Nidadavole	Kalavacherla	588314	**4269.1**
1076	East Godavari	Nidadavole	Singavaram	588310	**3558.0**
1077	East Godavari	Nidadavole	Jeedigunta	588316	**4110.5**
1078	East Godavari	Nidadavole	Settipeta	588312	**5096.4**
1079	East Godavari	Nidadavole	Pendyala	588318	**4245.9**
1080	East Godavari	Nidadavole	Korupalle	588317	**4605.5**
1081	East Godavari	Nidadavole	J.Khandrika	588311	**4020.3**
1082	East Godavari	Nidadavole	Munipalle	588313	**4083.2**
1083	East Godavari	Peravali	Kanuru	588528	**4313.4**
1084	East Godavari	Undrajavaram	Velivennu	588513	**4869.6**
1085	East Godavari	Undrajavaram	Kaldhari	588512	**5128.0**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
1086	East Godavari	Peravali	Kanuruagraharam	588529	**3424.2**
1087	East Godavari	Peravali	Nadupalle	588527	**4080.7**
1088	East Godavari	Undrajavaram	Dammennu	588514	**4173.9**
1089	East Godavari	Undrajavaram	Pasalapudi	588517	**4562.9**
1090	East Godavari	Undrajavaram	Mortha	588515	**4671.4**
1091	East Godavari	Peravali	Usulumarru	588530	**3917.3**
1092	East Godavari	Undrajavaram	Chilakapadu	588516	**4266.6**
1093	East Godavari	Undrajavaram	Satyawada	588520	**5069.5**
1094	East Godavari	Undrajavaram	Undrajavaram	588524	**4295.5**
1095	East Godavari	Peravali	Teeparru	588531	**3431.8**
1096	East Godavari	Undrajavaram	Suryaraopalem	588518	**4606.3**
1097	East Godavari	Undrajavaram	Vadluru	588519	**4699.8**
1098	East Godavari	Undrajavaram	Tadiparru	588526	**3854.1**
1099	East Godavari	Undrajavaram	Chivatam	588521	**4318.3**
1100	East Godavari	Peravali	Kakaraparru	588532	**3640.7**
1101	East Godavari	Undrajavaram	Palangi	588523	**4548.5**
1102	East Godavari	Undrajavaram	Karravarisavaram	588522	**3948.4**
1103	East Godavari	Peravali	Ajjaram	588533	**4218.5**
1104	East Godavari	Peravali	Peravali	588534	**3706.8**
1105	East Godavari	Peravali	Mukkamala	588537	**3986.6**
1106	East Godavari	Peravali	Khandavalli	588538	**3557.7**
1107	East Godavari	Peravali	Kapavaram	588535	**3899.1**
1108	East Godavari	Peravali	Kothapalle Agraharam	588536	**4194.4**
1109	East Godavari	Peravali	Malleswaram	588539	**3708.7**
1110	East Godavari	Peravali	Pittalavemavaram	588540	**4094.6**
1111	East Godavari	Gokavaram	Takurupalem	587231	**5046.3**
1112	S.P.S.Nellore	Allur	Allurupeta	591875	**3787.7**
1113	S.P.S.Nellore	Allur	Singapeta	591874	**4340.9**
1114	S.P.S.Nellore	Allur	Isakapalle	591876	**4428.0**
1115	S.P.S.Nellore	Allur	Velicherla	591873	**4185.0**
1116	S.P.S.Nellore	Allur	Allur	591878	**4604.9**
1117	S.P.S.Nellore	Allur	Gogulapalle	591877	**3920.4**
1118	S.P.S.Nellore	Allur	Purini	591887	**4199.8**
1119	S.P.S.Nellore	Allur	Graddagunta	591879	**4346.1**
1120	S.P.S.Nellore	Allur	Indupuru	591886	**5004.5**
1121	S.P.S.Nellore	Allur	Beeramgunta	591884	**4440.6**
1122	S.P.S.Nellore	Allur	Anathabotlavari Khandrika	591883	**4525.2**
1123	S.P.S.Nellore	Allur	Kalambotlavari Khandrika	591882	**4363.2**
1124	S.P.S.Nellore	Allur	North Mopuru	591885	**4931.4**
1125	S.P.S.Nellore	Allur	North Amuluru	591881	**4549.5**
1126	S.P.S.Nellore	Ananthasagaram	Inagalur	591968	**4630.5**
1127	S.P.S.Nellore	Ananthasagaram	Kamireddipadu	591970	**3719.3**
1128	S.P.S.Nellore	Ananthasagaram	Bedusupalle	591977	**4516.9**
1129	S.P.S.Nellore	Ananthasagaram	Varekuntapadu	591976	**3560.0**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
1130	S.P.S.Nellore	Ananthasagaram	Uppalapadu	591975	**3874.5**
1131	S.P.S.Nellore	Ananthasagaram	Somasila	591974	**3022.0**
1132	S.P.S.Nellore	Ananthasagaram	Devarayapalle Bit- I	591978	**4592.7**
1133	S.P.S.Nellore	Ananthasagaram	Bommavaram	591964	**3584.7**
1134	S.P.S.Nellore	Ananthasagaram	Amanichiruvella	591967	**4399.3**
1135	S.P.S.Nellore	Ananthasagaram	Minagallu	591980	**4811.4**
1136	S.P.S.Nellore	Ananthasagaram	Devarayapalle Bit-II	591979	**4254.5**
1137	S.P.S.Nellore	Ananthasagaram	Mangupalle	591971	**4269.0**
1138	S.P.S.Nellore	Ananthasagaram	Ananthasagaram	591969	**4321.4**
1139	S.P.S.Nellore	Ananthasagaram	Revuru	591981	**4459.1**
1140	S.P.S.Nellore	Ananthasagaram	Pathalapalle	591972	**4225.5**
1141	S.P.S.Nellore	Ananthasagaram	Padamati Kambhampadu	591973	**4514.4**
1142	S.P.S.Nellore	Anumasamudrampeta	Kunalammapadu	591841	**4374.0**
1143	S.P.S.Nellore	Anumasamudrampeta	Chiramana	591844	**3975.1**
1144	S.P.S.Nellore	Anumasamudrampeta	Hasanapuram	591849	**4441.5**
1145	S.P.S.Nellore	Anumasamudrampeta	Srikolanu	591850	**4474.4**
1146	S.P.S.Nellore	Atmakur	Padakandla	591809	**4207.5**
1147	S.P.S.Nellore	Atmakur	Aravedu	591810	**4029.8**
1148	S.P.S.Nellore	Atmakur	Boyila Chiruvella	591812	**3994.7**
1149	S.P.S.Nellore	Atmakur	Karatampadu	591811	**4995.0**
1150	S.P.S.Nellore	Atmakur	Mahimalur	591818	**4127.1**
1151	S.P.S.Nellore	Atmakur	Nagulapadu	591819	**4618.0**
1152	S.P.S.Nellore	Atmakur	Vasili	591826	**4900.5**
1153	S.P.S.Nellore	Atmakur	Chiruvella Khandrika	591816	**4872.2**
1154	S.P.S.Nellore	Atmakur	Atmakur	591825	**4246.0**
1155	S.P.S.Nellore	Atmakur	Depuru	591821	**4563.9**
1156	S.P.S.Nellore	Atmakur	Jangalapalle	591820	**3888.0**
1157	S.P.S.Nellore	Atmakur	Nuvvurupadu	591824	**4752.0**
1158	S.P.S.Nellore	Atmakur	Bandarupalle	591822	**4988.3**
1159	S.P.S.Nellore	Atmakur	Battepadu	591827	**4624.9**
1160	S.P.S.Nellore	Atmakur	Kanupurupalle	591823	**4664.3**
1161	S.P.S.Nellore	Bogole	Bitragunta	591727	**3871.8**
1162	S.P.S.Nellore	Bogole	Umamaheswarapuram	591728	**3960.2**
1163	S.P.S.Nellore	Bogole	Juvvaladinne	591732	**3462.8**
1164	S.P.S.Nellore	Bogole	Thalluru	591723	**3604.6**
1165	S.P.S.Nellore	Bogole	Siddavarapu Venkatesupalem	591733	**3815.1**
1166	S.P.S.Nellore	Bogole	Kovurupalli	591726	**3304.8**
1167	S.P.S.Nellore	Bogole	Bogole	591725	**4790.1**
1168	S.P.S.Nellore	Bogole	Jakkepalligudur	591724	**4343.8**
1169	S.P.S.Nellore	Bogole	Mallayapalem	591734	**3153.6**
1170	S.P.S.Nellore	Bogole	Allimadugu	591729	**3531.6**
1171	S.P.S.Nellore	Buchireddipalem	Munulapudi	591914	**4201.9**
1172	S.P.S.Nellore	Buchireddipalem	Vavveru	591915	**4300.1**
1173	S.P.S.Nellore	Buchireddipalem	Isakapalem	591918	**4363.2**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
1174	S.P.S.Nellore	Buchireddipalem	Rebala	591917	**3915.2**
1175	S.P.S.Nellore	Buchireddipalem	Nagamambapuram	591916	**4315.1**
1176	S.P.S.Nellore	Buchireddipalem	Kavetipalem	591920	**4665.6**
1177	S.P.S.Nellore	Buchireddipalem	Chellayapalem	591919	**4702.1**
1178	S.P.S.Nellore	Buchireddipalem	Panchedu	591921	**4492.8**
1179	S.P.S.Nellore	Buchireddipalem	Penuballe	591924	**4168.8**
1180	S.P.S.Nellore	Buchireddipalem	Damaramadugu	591927	**4360.5**
1181	S.P.S.Nellore	Buchireddipalem	Kalayakagollu	591925	**4483.4**
1182	S.P.S.Nellore	Buchireddipalem	Minagallu	591922	**4333.5**
1183	S.P.S.Nellore	Buchireddipalem	Sreerangaraja -Puram	591926	**4118.9**
1184	S.P.S.Nellore	Buchireddipalem	Jonnawada	591923	**4711.5**
1185	S.P.S.Nellore	Chejerla	Pelleru	591955	**4321.4**
1186	S.P.S.Nellore	Chejerla	Chejerla	591951	**4732.6**
1187	S.P.S.Nellore	Chejerla	Thimmayapalem	591952	**4536.0**
1188	S.P.S.Nellore	Chejerla	Yanamadala	591946	**4846.5**
1189	S.P.S.Nellore	Chejerla	Gollapalle	591953	**3779.1**
1190	S.P.S.Nellore	Chejerla	Billupadu	591947	**3861.0**
1191	S.P.S.Nellore	Chejerla	Paderu	591958	**5010.2**
1192	S.P.S.Nellore	Chejerla	Kakivaya	591948	**4725.0**
1193	S.P.S.Nellore	Chejerla	Nagulavellaturu	591949	**4827.1**
1194	S.P.S.Nellore	Chejerla	Vavileru	591959	**4174.9**
1195	S.P.S.Nellore	Chejerla	Kalayapalem	591950	**4775.0**
1196	S.P.S.Nellore	Chejerla	Yeturu	591962	**3783.4**
1197	S.P.S.Nellore	Chejerla	Mamuduru	591956	**4761.9**
1198	S.P.S.Nellore	Chejerla	Perumallapadu	591954	**4507.0**
1199	S.P.S.Nellore	Chejerla	Kotitheertham	591945	**4776.9**
1200	S.P.S.Nellore	Chejerla	Pathapadu	591957	**4356.0**
1201	S.P.S.Nellore	Dagadarthi	Bodagudipadu	591851	**4233.6**
1202	S.P.S.Nellore	Dagadarthi	Velupodu	591859	**4738.5**
1203	S.P.S.Nellore	Dagadarthi	Lingalapadu	591857	**4152.1**
1204	S.P.S.Nellore	Dagadarthi	Dagadarthi	591865	**4341.6**
1205	S.P.S.Nellore	Dagadarthi	Thurimerla	591868	**4670.7**
1206	S.P.S.Nellore	Dagadarthi	Thiruveedhipadu	591867	**4367.9**
1207	S.P.S.Nellore	Dagadarthi	Ananthavaram	591862	**4725.0**
1208	S.P.S.Nellore	Dagadarthi	Damavaram	591861	**4725.0**
1209	S.P.S.Nellore	Dagadarthi	Chennuru	591866	**4860.6**
1210	S.P.S.Nellore	Dagadarthi	Choutaputhedu	591871	**4342.1**
1211	S.P.S.Nellore	Dagadarthi	Yelamanchipadu	591869	**4519.8**
1212	S.P.S.Nellore	Dagadarthi	Pedaputhedu	591870	**4689.9**
1213	S.P.S.Nellore	Dagadarthi	Uchaguntapalem	591872	**4422.6**
1214	S.P.S.Nellore	Dagadarthi	Katrayapadu	591858	**4594.9**
1215	S.P.S.Nellore	Dagadarthi	Manubolupadu	591852	**4504.5**
1216	S.P.S.Nellore	Dagadarthi	Kaminenipalem	591860	**4738.5**
1217	S.P.S.Nellore	Dagadarthi	Ithampadu	591855	**3789.0**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
1218	S.P.S.Nellore	Dagadarthi	Rangasamudram	591856	**3861.5**
1219	S.P.S.Nellore	Gudluru	Gundlapalem	591577	**3948.8**
1220	S.P.S.Nellore	Gudluru	Gudluru	591580	**3915.0**
1221	S.P.S.Nellore	Gudluru	Basireddy Palem	591581	**3754.6**
1222	S.P.S.Nellore	Gudluru	Darakanipadu	591582	**3672.0**
1223	S.P.S.Nellore	Gudluru	Puretipalle	591583	**3724.5**
1224	S.P.S.Nellore	Gudluru	Venkam Peta	591584	**3557.3**
1225	S.P.S.Nellore	Gudluru	Chinala Trapi	591585	**3584.3**
1226	S.P.S.Nellore	Gudluru	Ammavari Palem	591587	**3638.3**
1227	S.P.S.Nellore	Indukurpet	Mudivarthi Palem	592122	**3905.6**
1228	S.P.S.Nellore	Indukurpet	Nidumusali	592121	**3163.1**
1229	S.P.S.Nellore	Indukurpet	Lebur Bit-II	592129	**4410.5**
1230	S.P.S.Nellore	Indukurpet	Mypadu	592125	**4262.0**
1231	S.P.S.Nellore	Indukurpet	Somarajupalle	592126	**5160.4**
1232	S.P.S.Nellore	Indukurpet	Pallipadu	592119	**4212.0**
1233	S.P.S.Nellore	Indukurpet	Komarika	592127	**4106.7**
1234	S.P.S.Nellore	Indukurpet	Punnur	592128	**4750.7**
1235	S.P.S.Nellore	Indukurpet	Lebur Bit-I	592120	**4471.2**
1236	S.P.S.Nellore	Indukurpet	Indukurpet Bit-I	592131	**4182.8**
1237	S.P.S.Nellore	Indukurpet	Indukurpet Bit -II	592130	**4831.3**
1238	S.P.S.Nellore	Indukurpet	Jangamvani Doruvu	592132	**4167.5**
1239	S.P.S.Nellore	Indukurpet	Gangapatnam	592124	**4563.0**
1240	S.P.S.Nellore	Jaladanki	Annavaram	591701	**3663.8**
1241	S.P.S.Nellore	Jaladanki	China Kraka	591702	**3795.2**
1242	S.P.S.Nellore	Jaladanki	Kodandaramapuram	591703	**4556.3**
1243	S.P.S.Nellore	Jaladanki	Krishnapadu	591706	**4313.3**
1244	S.P.S.Nellore	Jaladanki	Gattupalle	591698	**4189.5**
1245	S.P.S.Nellore	Jaladanki	Jaladanki	591700	**4250.1**
1246	S.P.S.Nellore	Jaladanki	Brahmanakraka	591704	**2960.9**
1247	S.P.S.Nellore	Jaladanki	Chamadala	591707	**3487.5**
1248	S.P.S.Nellore	Jaladanki	Somavarappadu	591705	**3588.6**
1249	S.P.S.Nellore	Kaligiri	Pedakonduru	591740	**4113.5**
1250	S.P.S.Nellore	Kaligiri	Parikota	591752	**4343.6**
1251	S.P.S.Nellore	Kaligiri	Ananthapuram	591750	**3604.5**
1252	S.P.S.Nellore	Kaligiri	Gudladona	591754	**4491.0**
1253	S.P.S.Nellore	Kaluvoya	Kaluvoya	591985	**4657.5**
1254	S.P.S.Nellore	Kaluvoya	Telugurayapuram	591988	**4597.6**
1255	S.P.S.Nellore	Kaluvoya	Nukanapalle	591987	**4703.7**
1256	S.P.S.Nellore	Kaluvoya	Isakapalle	591986	**3979.8**
1257	S.P.S.Nellore	Kaluvoya	Baddevolu	591984	**4321.4**
1258	S.P.S.Nellore	Kaluvoya	Thopugunta Agraharam	591989	**4752.0**
1259	S.P.S.Nellore	Kaluvoya	Thopugunta	591990	**3361.5**
1260	S.P.S.Nellore	Kaluvoya	Madannagaripalle	591991	**4286.3**
1261	S.P.S.Nellore	Kaluvoya	Chintalatmakuru	591997	**4198.5**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
1262	S.P.S.Nellore	Kaluvoya	Kulluru	591982	**4185.0**
1263	S.P.S.Nellore	Kaluvoya	Brahmanapalle	591983	**4471.9**
1264	S.P.S.Nellore	Kaluvoya	China Gopavaram	592000	**4910.0**
1265	S.P.S.Nellore	Kaluvoya	Kanupurupalle	592001	**4945.5**
1266	S.P.S.Nellore	Kandukur	Machavaram	591541	**4058.1**
1267	S.P.S.Nellore	Kavali	Kothapalle	591710	**4607.8**
1268	S.P.S.Nellore	Kavali	Budamagunta	591719	**4149.4**
1269	S.P.S.Nellore	Kodavalur	Talamanchi	591903	**4044.6**
1270	S.P.S.Nellore	Kodavalur	Damegunta	591904	**4265.1**
1271	S.P.S.Nellore	Kodavalur	Bodduvaripalem	591902	**4870.8**
1272	S.P.S.Nellore	Kodavalur	Kothavangallu	591899	**4654.8**
1273	S.P.S.Nellore	Kodavalur	Basavaipalem	591905	**4299.8**
1274	S.P.S.Nellore	Kodavalur	Naidupalem	591908	**4839.6**
1275	S.P.S.Nellore	Kodavalur	Gundalammapalem	591907	**4097.1**
1276	S.P.S.Nellore	Kodavalur	Venkannapuram	591906	**4394.3**
1277	S.P.S.Nellore	Kodavalur	Gandavaram	591901	**3796.8**
1278	S.P.S.Nellore	Kodavalur	Kodavalur	591909	**4806.0**
1279	S.P.S.Nellore	Kodavalur	Yellayapalem	591900	**4795.2**
1280	S.P.S.Nellore	Kodavalur	Alurupadu	591911	**4262.0**
1281	S.P.S.Nellore	Kodavalur	Maneguntapadu	591912	**4351.2**
1282	S.P.S.Nellore	Kodavalur	North Rajupalem	591910	**4487.4**
1283	S.P.S.Nellore	Kodavalur	Ramannapalem	591913	**4215.1**
1284	S.P.S.Nellore	Kondapuram	Saipeta	591676	**2623.9**
1285	S.P.S.Nellore	Kovur	Modegunta	592115	**4619.5**
1286	S.P.S.Nellore	Kovur	Vegur	592116	**4352.4**
1287	S.P.S.Nellore	Kovur	Kovur	592113	**4738.5**
1288	S.P.S.Nellore	Kovur	Patur	592109	**4538.6**
1289	S.P.S.Nellore	Kovur	Cherlopalem	592114	**4365.9**
1290	S.P.S.Nellore	Kovur	Leguntapadu	592117	**3769.2**
1291	S.P.S.Nellore	Kovur	Inamadugu	592118	**3942.0**
1292	S.P.S.Nellore	Kovur	Padugupadu	592112	**4058.1**
1293	S.P.S.Nellore	Kovur	Gangavaram	592110	**4679.6**
1294	S.P.S.Nellore	Kovur	Pothireddipalem	592111	**4203.0**
1295	S.P.S.Nellore	Lingasamudram	Anneboinapalle	591571	**3989.3**
1296	S.P.S.Nellore	Lingasamudram	Chinapavani	591572	**3861.0**
1297	S.P.S.Nellore	Manubolu	Vadlapudi	592190	**3987.9**
1298	S.P.S.Nellore	Manubolu	Manubolu	592201	**4002.1**
1299	S.P.S.Nellore	Manubolu	Madamanuru	592198	**4507.0**
1300	S.P.S.Nellore	Marripadu	Chinamachanur	591791	**3831.3**
1301	S.P.S.Nellore	Marripadu	Dharmarao Cheruvupalle	591806	**4640.6**
1302	S.P.S.Nellore	Muthukur	Pidatapolur	592156	**4050.0**
1303	S.P.S.Nellore	Muthukur	Brahmadevam	592155	**3823.2**
1304	S.P.S.Nellore	Muthukur	Amudalapadu	592157	**4137.1**
1305	S.P.S.Nellore	Muthukur	Pynampuram	592158	**4297.5**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
1306	S.P.S.Nellore	Muthukur	Mamidipudi	592160	**3609.4**
1307	S.P.S.Nellore	Muthukur	Valluru	592162	**4698.0**
1308	S.P.S.Nellore	Muthukur	Survepalle Bit - V	592163	**4806.0**
1309	S.P.S.Nellore	Muthukur	Mollur	592166	**3875.9**
1310	S.P.S.Nellore	Muthukur	Narikellapalle	592165	**4278.7**
1311	S.P.S.Nellore	Muthukur	Pantapalem Epuru Bit - I - B	592168	**4576.5**
1312	S.P.S.Nellore	Muthukur	Muthukur	592167	**3653.1**
1313	S.P.S.Nellore	Nellore Rural	Vellanti	592081	**4765.5**
1314	S.P.S.Nellore	Nellore Rural	Sajjapuram	592080	**4630.5**
1315	S.P.S.Nellore	Nellore Rural	Gudipallipadu	592098	**4549.5**
1316	S.P.S.Nellore	Nellore Rural	Mulumudi	592089	**4495.5**
1317	S.P.S.Nellore	Nellore Rural	Allipuram (Rural)	592097	**2524.5**
1318	S.P.S.Nellore	Nellore Rural	Golla Kandukur	592079	**4441.5**
1319	S.P.S.Nellore	Nellore Rural	Kandamur	592082	**4630.5**
1320	S.P.S.Nellore	Nellore Rural	Pottepalem	592091	**4630.5**
1321	S.P.S.Nellore	Nellore Rural	Upputur	592083	**4455.0**
1322	S.P.S.Nellore	Nellore Rural	Devarapalem	592090	**3998.3**
1323	S.P.S.Nellore	Nellore Rural	Chintareddipalem	592100	**4573.8**
1324	S.P.S.Nellore	Nellore Rural	Amancherla	592087	**3915.0**
1325	S.P.S.Nellore	Nellore Rural	Donthali	592095	**3982.5**
1326	S.P.S.Nellore	Nellore Rural	Kanuparthipadu	592096	**4309.2**
1327	S.P.S.Nellore	Nellore Rural	Kakupalle-I	592102	**4417.2**
1328	S.P.S.Nellore	Nellore Rural	South Mopur	592084	**3866.4**
1329	S.P.S.Nellore	Nellore Rural	Kakupalle -II (M.R. Gudur)	592103	**4401.5**
1330	S.P.S.Nellore	Nellore Rural	Penubarthi	592104	**4641.3**
1331	S.P.S.Nellore	Nellore Rural	Mogallapalem	592085	**4333.5**
1332	S.P.S.Nellore	Nellore Rural	Gundlapalem	592101	**4704.8**
1333	S.P.S.Nellore	Podalakur	Navooru	592054	**4185.0**
1334	S.P.S.Nellore	Podalakur	Viroor	592046	**4725.0**
1335	S.P.S.Nellore	Podalakur	Mahammadapuram	592051	**4360.5**
1336	S.P.S.Nellore	Podalakur	Veligantipalem	592048	**4677.8**
1337	S.P.S.Nellore	Podalakur	Thatiparthi	592050	**4828.8**
1338	S.P.S.Nellore	Podalakur	Nallapalem	592049	**4604.9**
1339	S.P.S.Nellore	Podalakur	Bathulapallepadu	592052	**4588.7**
1340	S.P.S.Nellore	Podalakur	Surayapalem	592045	**4717.5**
1341	S.P.S.Nellore	Podalakur	Nedurupalle	592047	**4536.0**
1342	S.P.S.Nellore	Podalakur	Ravalla Yeruguntapalem	592056	**4083.8**
1343	S.P.S.Nellore	Podalakur	Inukurthy	592075	**4684.5**
1344	S.P.S.Nellore	Podalakur	Marupuru	592061	**3727.4**
1345	S.P.S.Nellore	Podalakur	Duggunta	592072	**4794.1**
1346	S.P.S.Nellore	Podalakur	Degapudi	592074	**4482.3**
1347	S.P.S.Nellore	Podalakur	Duggunta Rajupalem	592070	**4692.6**
1348	S.P.S.Nellore	Podalakur	Utla Palem	592071	**4360.5**
1349	S.P.S.Nellore	Rapur	Kambhalapalle	592017	**3861.0**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
1350	S.P.S.Nellore	Rapur	Adurupalle	592018	**4752.0**
1351	S.P.S.Nellore	Rapur	Jorepalle	592041	**3839.4**
1352	S.P.S.Nellore	Sangam	Chennavarappadu	591937	**4635.9**
1353	S.P.S.Nellore	Sangam	Talupurupadu	591936	**3875.0**
1354	S.P.S.Nellore	Sangam	Makthapuram	591943	**4365.9**
1355	S.P.S.Nellore	Sangam	Marripadu	591938	**4792.5**
1356	S.P.S.Nellore	Sangam	Peramana	591928	**4590.0**
1357	S.P.S.Nellore	Sangam	Korimerla	591931	**3920.4**
1358	S.P.S.Nellore	Sangam	Jangala Khandrika	591939	**4031.0**
1359	S.P.S.Nellore	Sangam	Kaligiri Konduru	591940	**3981.6**
1360	S.P.S.Nellore	Sangam	Vangallu	591941	**4544.1**
1361	S.P.S.Nellore	Sangam	Sangam	591933	**3564.0**
1362	S.P.S.Nellore	Sangam	Tharunavaya	591935	**4354.0**
1363	S.P.S.Nellore	Sangam	Padamatipalem	591934	**4665.6**
1364	S.P.S.Nellore	Sangam	Duvvuru	591942	**4853.3**
1365	S.P.S.Nellore	Sangam	Annareddipalem	591944	**4738.5**
1366	S.P.S.Nellore	Sangam	Kolagatla	591932	**5063.0**
1367	S.P.S.Nellore	Sydapuram	Malichedu	592234	**4741.9**
1368	S.P.S.Nellore	Sydapuram	Perumallapadu	592233	**4382.1**
1369	S.P.S.Nellore	Sydapuram	Turimerla	592237	**4549.3**
1370	S.P.S.Nellore	Sydapuram	Griddalur	592249	**4811.4**
1371	S.P.S.Nellore	Sydapuram	Orupalle	592238	**4459.1**
1372	S.P.S.Nellore	Sydapuram	Utukur	592247	**4104.0**
1373	S.P.S.Nellore	Sydapuram	Kalichedu	592235	**4652.1**
1374	S.P.S.Nellore	Sydapuram	Cheekavolu	592262	**3920.4**
1375	S.P.S.Nellore	Thotapalligudur	Kothapalem	592142	**3577.5**
1376	S.P.S.Nellore	Thotapalligudur	Venkanapalem	592143	**3389.9**
1377	S.P.S.Nellore	Thotapalligudur	Amulur (South)	592139	**3558.6**
1378	S.P.S.Nellore	Thotapalligudur	Peduru	592137	**3920.4**
1379	S.P.S.Nellore	Thotapalligudur	Potlapudi	592141	**3748.7**
1380	S.P.S.Nellore	Thotapalligudur	Narukur	592136	**4030.8**
1381	S.P.S.Nellore	Thotapalligudur	Mungaladoruvu	592138	**3574.8**
1382	S.P.S.Nellore	Thotapalligudur	Chinna Cherukur	592135	**3785.4**
1383	S.P.S.Nellore	Thotapalligudur	Vilukanipalle	592140	**3717.9**
1384	S.P.S.Nellore	Thotapalligudur	Koduru - I	592144	**4070.3**
1385	S.P.S.Nellore	Thotapalligudur	Koduru - II	592145	**3658.9**
1386	S.P.S.Nellore	Thotapalligudur	T.P.Gudur Bit-Ii	592149	**4544.1**
1387	S.P.S.Nellore	Thotapalligudur	Thotapalle	592148	**4222.8**
1388	S.P.S.Nellore	Thotapalligudur	Varigonda	592150	**4664.3**
1389	S.P.S.Nellore	Thotapalligudur	T.P.Gudur Bit-I	592151	**4176.6**
1390	S.P.S.Nellore	Varikuntapadu	Guvvadi	591662	**3267.0**
1391	S.P.S.Nellore	Venkatachalam	Kandalapadu	592175	**3973.1**
1392	S.P.S.Nellore	Venkatachalam	Survepalle-Bit IV	592187	**4035.9**
1393	S.P.S.Nellore	Venkatachalam	Kantepalle	592178	**4030.2**

S.No.	District	Mandal	Village (IU)	IU-ID	YESTECH Yield (Kg./Ha)
1394	S.P.S.Nellore	Venkatachalam	Anikepalle	592180	**4277.0**
1395	S.P.S.Nellore	Venkatachalam	Survepalle Bit - I	592181	**4374.0**
1396	S.P.S.Nellore	Venkatachalam	Punjulurupadu	592188	**4725.0**
1397	S.P.S.Nellore	Venkatachalam	Edagali	592184	**4580.6**
1398	S.P.S.Nellore	Venkatachalam	Pudiparthi	592185	**3717.9**
1399	S.P.S.Nellore	Venkatachalam	Kasumuru	592172	**3996.0**
1400	S.P.S.Nellore	Venkatachalam	Kumkumpudi	592176	**3105.0**
1401	S.P.S.Nellore	Venkatachalam	Kanupuru Bit-II	592173	**3820.5**
1402	S.P.S.Nellore	Venkatachalam	Survepalle- Bit III	592186	**4090.5**
1403	S.P.S.Nellore	Vidavalur	Varini	591896	**4835.7**
1404	S.P.S.Nellore	Vidavalur	Dandigunta	591895	**4822.0**
1405	S.P.S.Nellore	Vidavalur	Dampuru	591888	**4197.7**
1406	S.P.S.Nellore	Vidavalur	Chowkacherla	591890	**4337.6**
1407	S.P.S.Nellore	Vidavalur	Utukuru	591897	**4600.8**
1408	S.P.S.Nellore	Vidavalur	Vavilla	591889	**4555.0**
1409	S.P.S.Nellore	Vidavalur	Alaganipadu	591894	**4562.4**
1410	S.P.S.Nellore	Vidavalur	Vidavalur	591892	**4611.6**
1411	S.P.S.Nellore	Vidavalur	Parlapalle	591891	**4816.8**
1412	S.P.S.Nellore	Vidavalur	Mudivarthi	591893	**4071.4**

7 Conclusion

During the Kharif season of 2025–26, village-level (IU wise) rice yield estimation was carried out using a semi-physical modeling framework across East Godavari, West Godavari, Eluru, Konaseema, and SPS Nellore districts of Andhra Pradesh. Yield was estimated as a function of satellite-derived biomass and village-specific Harvest Index, enabling spatially explicit assessment at the level of village Insurance Units (IUs) where rice cultivation exceeded 10 ha. The analysis covered 245 village IUs in East Godavari, 264 in West Godavari, 362 in Eluru, 240 in Konaseema, and 326 in SPS Nellore. Across all districts, estimated rice yields at the village IU level ranged from approximately 1,228 to 5,774 kg ha^{-1}, indicating substantial spatial variability in crop performance under varying agro-climatic and management conditions.

District-wise yield statistics further highlight contrasting yield regimes. East Godavari recorded yields ranging from 2,136 to 5,573 kg ha^{-1}, West Godavari from 3,190 to 5,555 kg ha^{-1}, and Eluru from 1,412 to 5,771 kg ha^{-1}, with Eluru showing comparatively higher dispersion across village IUs. Konaseema exhibited the widest yield range (1,228 to 5,774 kg ha^{-1}), reflecting pronounced intra-district heterogeneity, while SPS Nellore showed yields between 2,211 and 5,542 kg ha^{-1}. Overall, the magnitude and spread of yields across village IUs emphasize moderate to high spatial variability,

underscoring the relevance of IU-level yield statistics for crop insurance implementation, risk assessment, and targeted agricultural decision support.

8 Suggetions from MITR

The suggetion from MITR and action taken is incorporated in Table 11.

Table 13: Suggetions from MITR and action taken

S. No.	Suggetions from MITR	Action Taket
1.	Track change corrections by MITR	The report has been revised as per the suggested corrections.
2.	Use of Sentinel-2 data for LSWI and Water Scalar	As per suggetion the Sentinel-2 data will be used in Rabi season analysis.
3.	Sentinl-3/ Sentinel-2 (NDVI) data for fine resolution FAPAR	The Sentinel-3/Sentinel-2 data will be used in Rabi season FAPAR
4.	In-season 5% CCE with Agriculture Department and Insurance Agency.	The Agriculture Department, as the Implementation Agency, shall take the initiative and ensure coordination among all three agencies to facilitate their presence at the CCE location on the specified date and time. Prior intimation of at least one week shall be provided to all concerned agencies to enable timely participation at the CCE site.

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9 Related Papers

[1], [2], [3], [4], [5], [6], [7], [8], [9], [10], [11], [12], [13], [14], [15], [16]

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Annexure I

	Nellore	East Godavari	West Godavari	Eluru	Konaseema
Satellite Pass Dates	20250504	20250509	20250509	20250509	20250509
	20250509	20250511	20250511	20250511	20250511
	20250511	20250608	20250608	20250608	20250608
	20250514	20250628	20250628	20250628	20250628
	20250603	20250708	20250708	20250708	20250708
	20250613	20250906	20250906	20250906	20250718
	20250628	20251006	20251006	20251006	20250802
	20250708	20251018	20251018	20251018	20250807
	20250730	20251031	20251031	20251031	20250906
	20250807	20251107	20251107	20251107	20250928
	20250906	20251110	20251110	20251110	20251006
	20250908	20251115	20251115	20251115	20251018
	20250921	20251120	20251120	20251120	20251031
	20250928	20251125	20251125	20251125	20251105
	20251031	20251127	20251127	20251127	20251107
	20251107				20251110
	20251110				20251115
					20251120
					20251125
					20251127

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