

End-Season Report

on

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

Submitted to



Department of Agriculture,
Government of Andhra Pradesh

By



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1	Security Classification	Restricted		
2	Distribution	Agriculture Department, Government of Andhra Pradesh.		
3	Report / Document version	(a) Issue no.1	(b) Revision (R) and Date	R-1: 13/01/2026 R-2: 02/02/2026
4	Report / Document Type	End-season Report		
5	Document Control Number	YESTECH/PMFBY/ End-season Report		
6	Title	End Season Report for Implementing YESTECH for Kharif rice in Andhra Pradesh 2025-26.		
7	Particulars of collation	Pages - 89	Figures - 44	Tables -13
8	Author (s)	Name of TIP - 2: ICRISAT, Hyderabad - 502324		
9	Affiliation	Andhra Pradesh State		
10	Scrutiny Mechanism	Compiled and Controlled by TIP-ICRISAT	Reviewed by MITR-SAC, Ahmedabad	Approved by MITR-SAC, Ahmedabad
11	Originating Unit	Agriculture Department, Government of Andhra Pradesh		
12	Date of Initiation	25 November 2025		
13	Date of Publication	02 February 2026		
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 districts 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 crops are rice, benefiting from a well-developed canal and reservoir-based irrigation system across the Godavari delta.

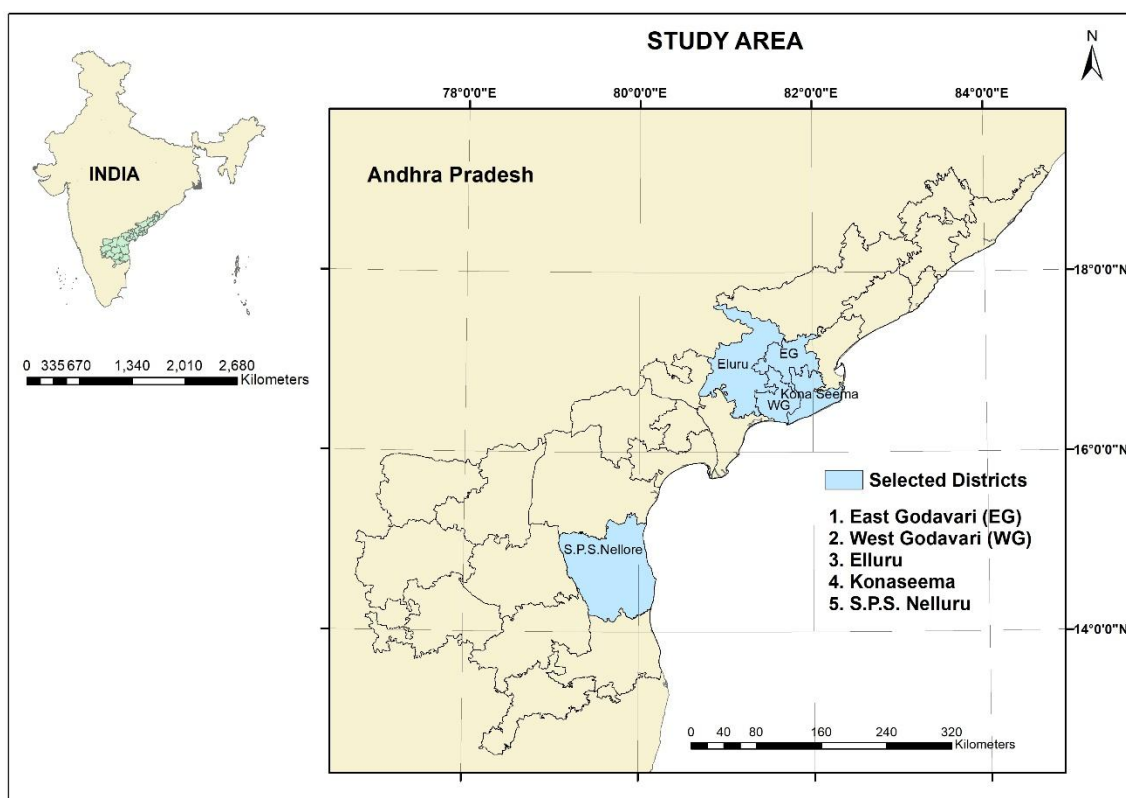


Figure 1: Study Area

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	Resoluti on	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 (European 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.

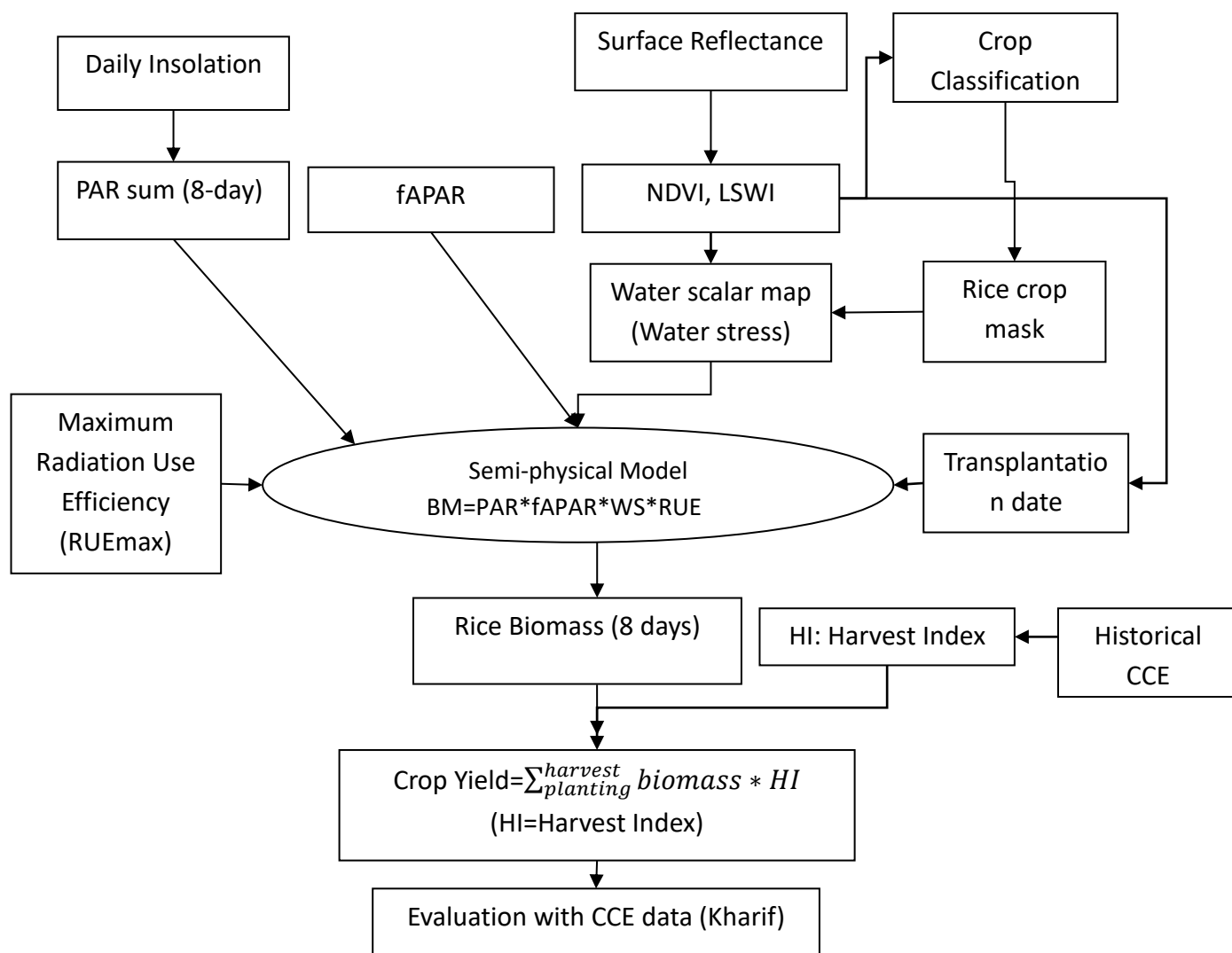


Figure 2: Workflow for Crop Yield Estimation

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.

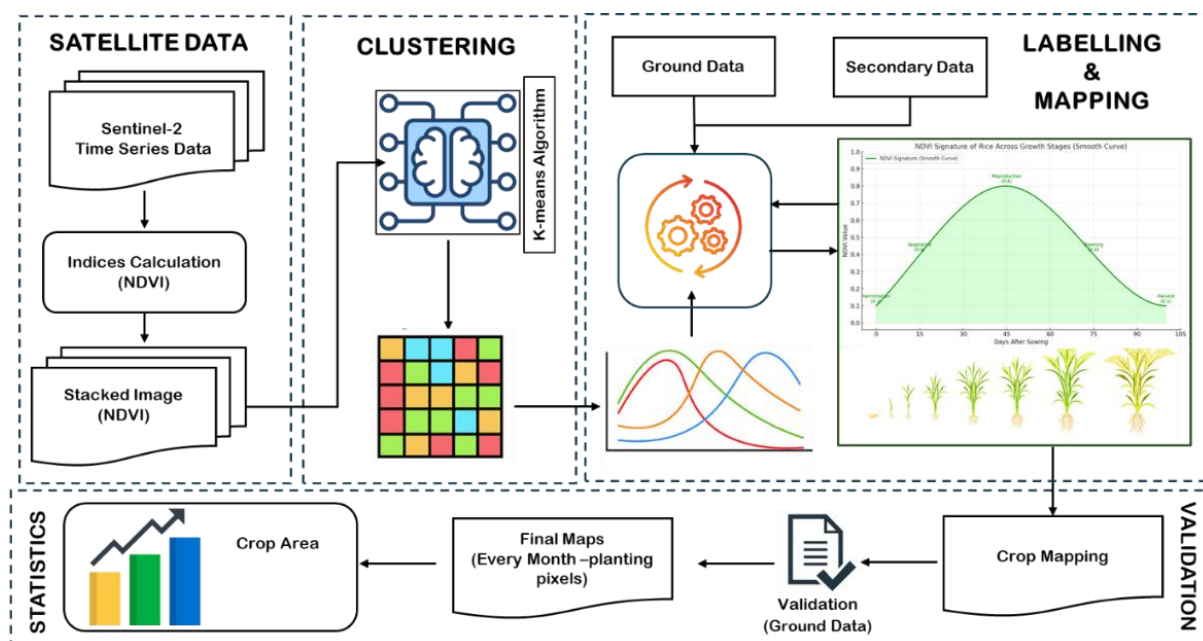


Figure 3: Methodology for crop classification

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 $\kappa = (OA - P_e) \div (1 - P_e)$

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

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:

$$VCI(NDVI) = \frac{(NDVI_{curr} - NDVI_{min})}{(NDVI_{max} - NDVI_{min})} * 100 \quad \dots\dots\dots 1$$

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 ($\text{MJ} \cdot \text{m}^{-2} \cdot \text{d}^{-1}$) 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.

$$\text{LSWI} = (\text{NIR} - \text{SWIR}) / (\text{NIR} + \text{SWIR}) \dots\dots\dots 2$$

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.

$$\text{W Scalar} = (1 + \text{LSWI}) / (1 + \text{LSWI}_{\text{max}}) \dots\dots\dots 3$$

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.

$$\text{HI_Year 1} = \text{CCE yield_year 1} / \text{Modelled biomass_year 1}$$

$$\text{HI_Year 2} = \text{CCE yield_year 2} / \text{Modelled biomass_year 2}$$

$$\text{Av HI} = \text{average (HI_year1, HI_Year2)}$$

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:

X_i and Y_i are individual data points and

$\bar{X}$ and $\bar{Y}$ 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.

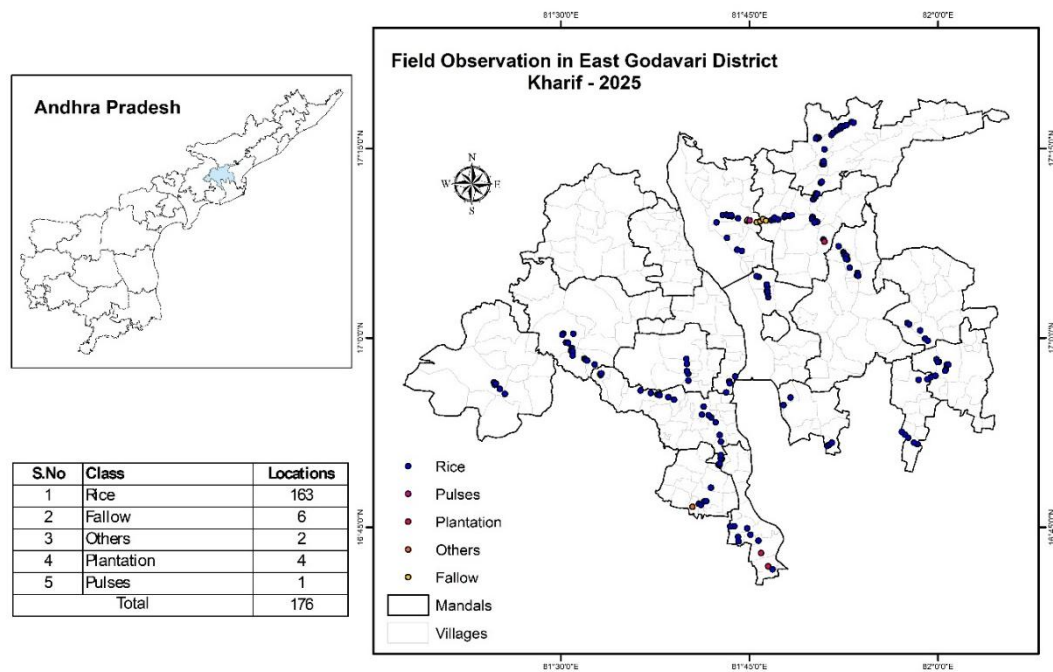


Figure 4: Ground Data of East Godavari District

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.

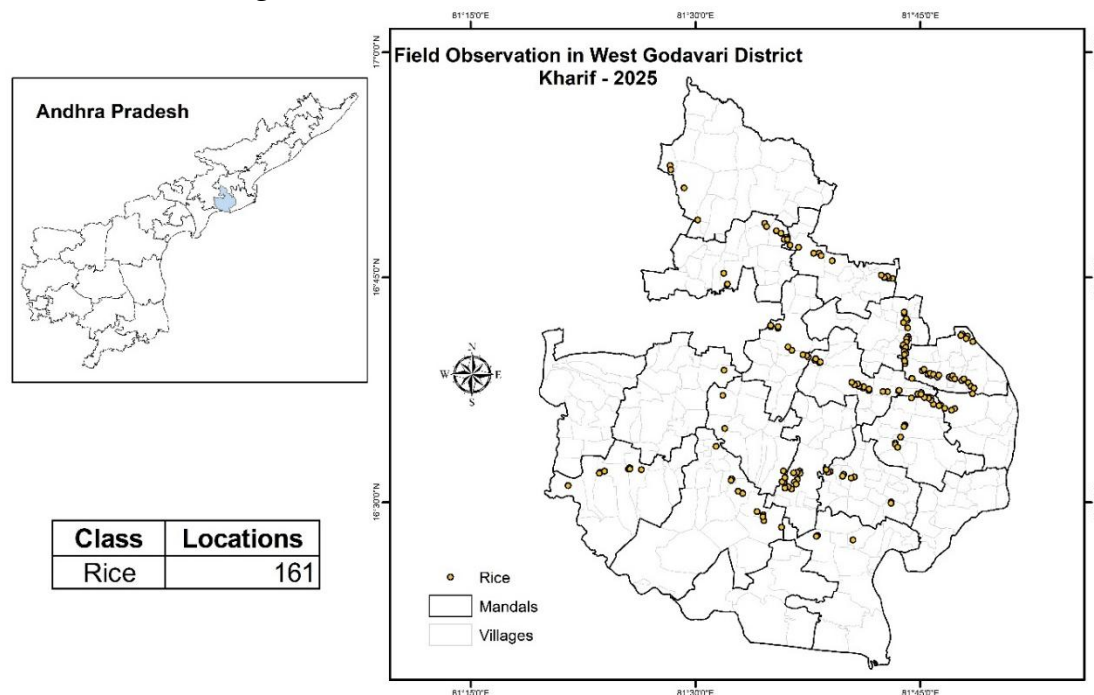


Figure 5: Ground Data of West Godavari District

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.

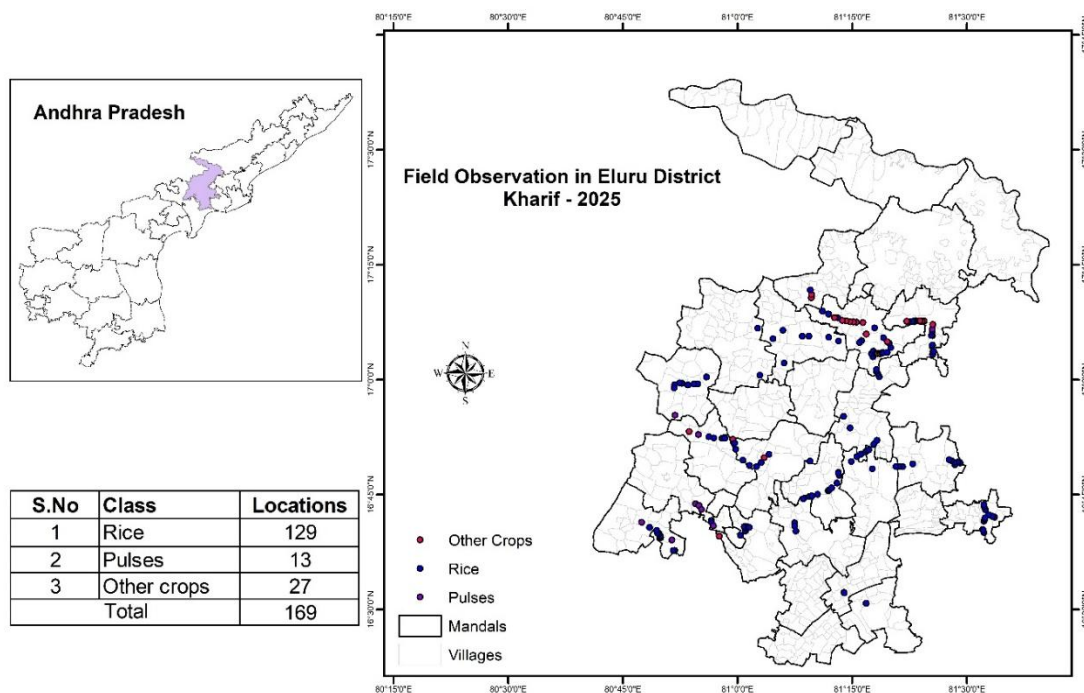


Figure 6: Ground Data of Eluru District

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.

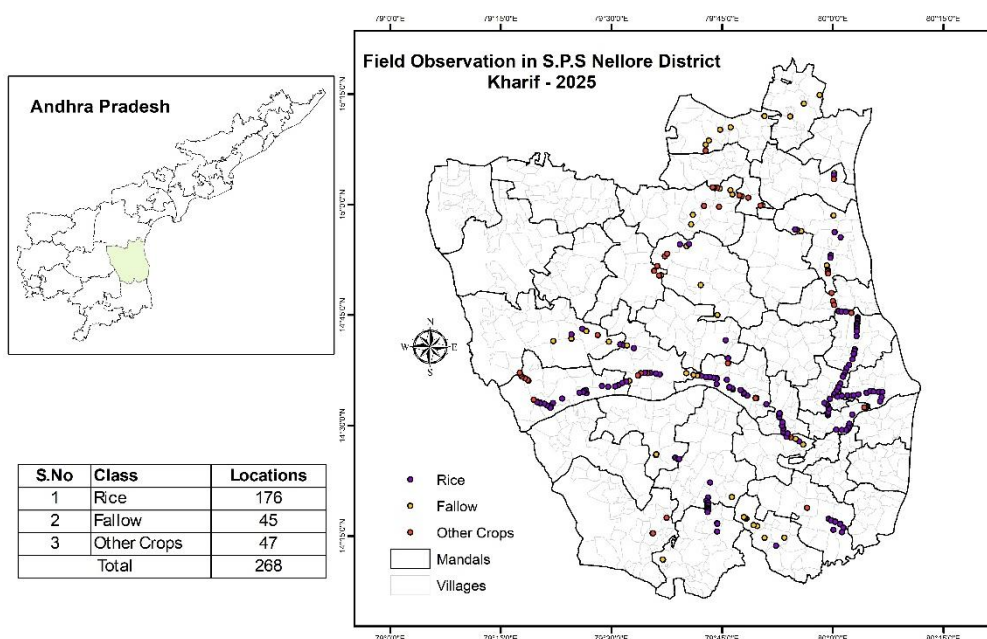


Figure 7: Ground Data of S.P.S Nellore District

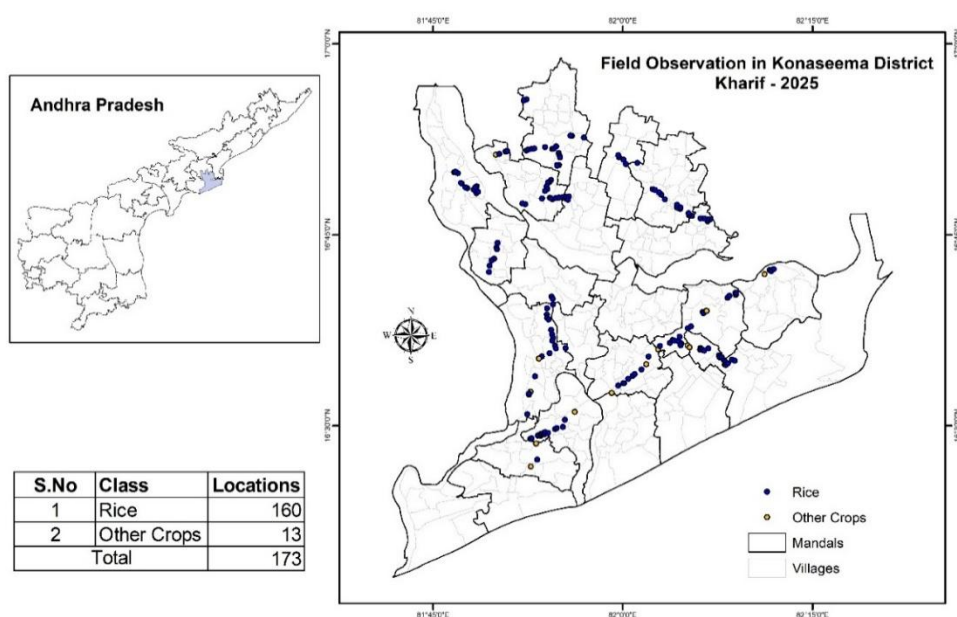


Figure 8: Ground Data of Konaseema District

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 initial

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 shown in Table 4.

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

Source	Area in Ha				
	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.

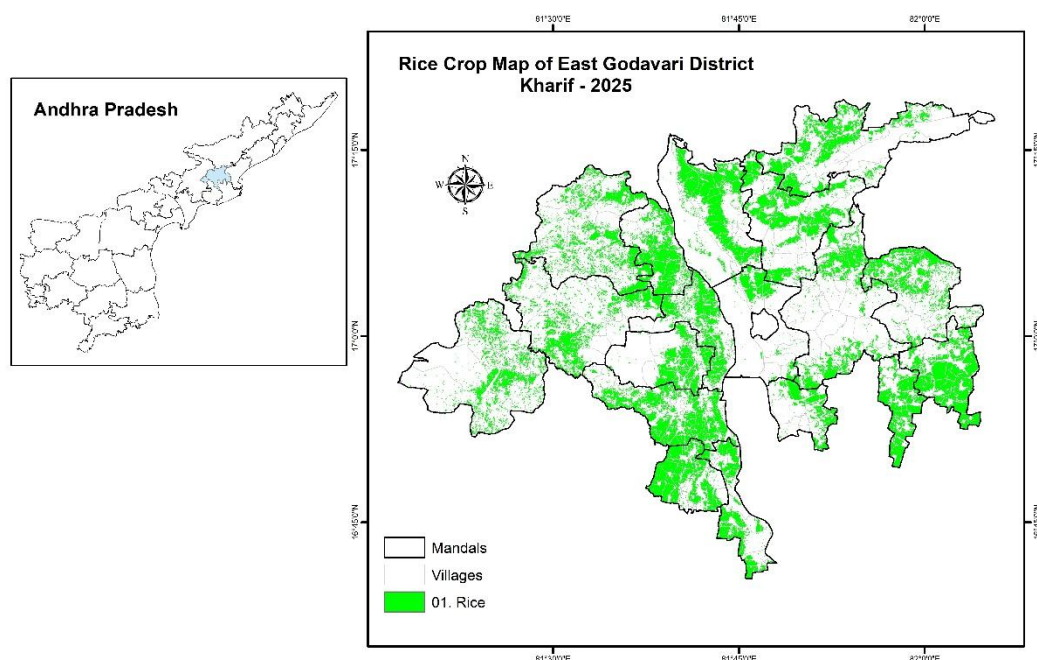


Figure 9: Rice crop map of East Godavari District

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.

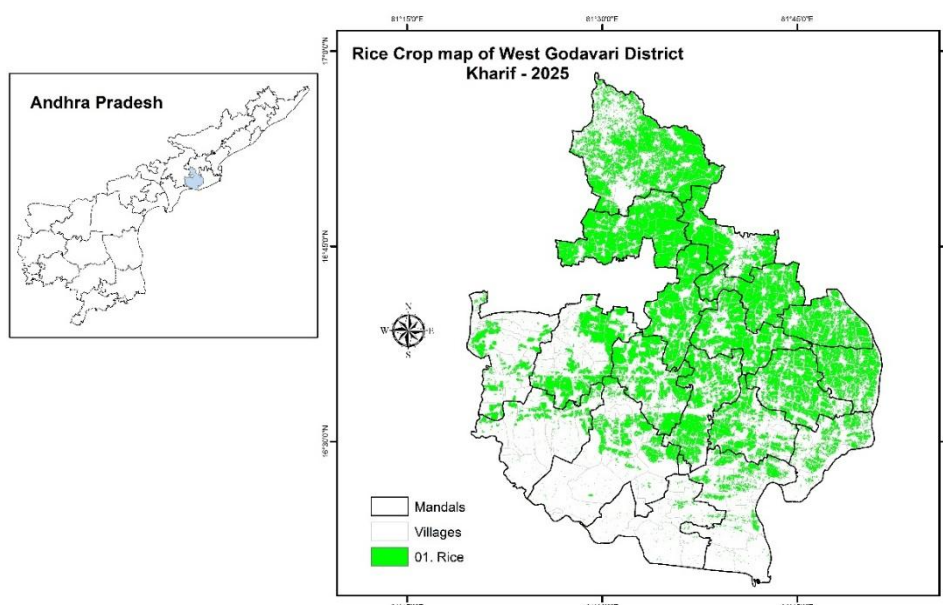


Figure 10: Rice crop map of West Godavari District

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.

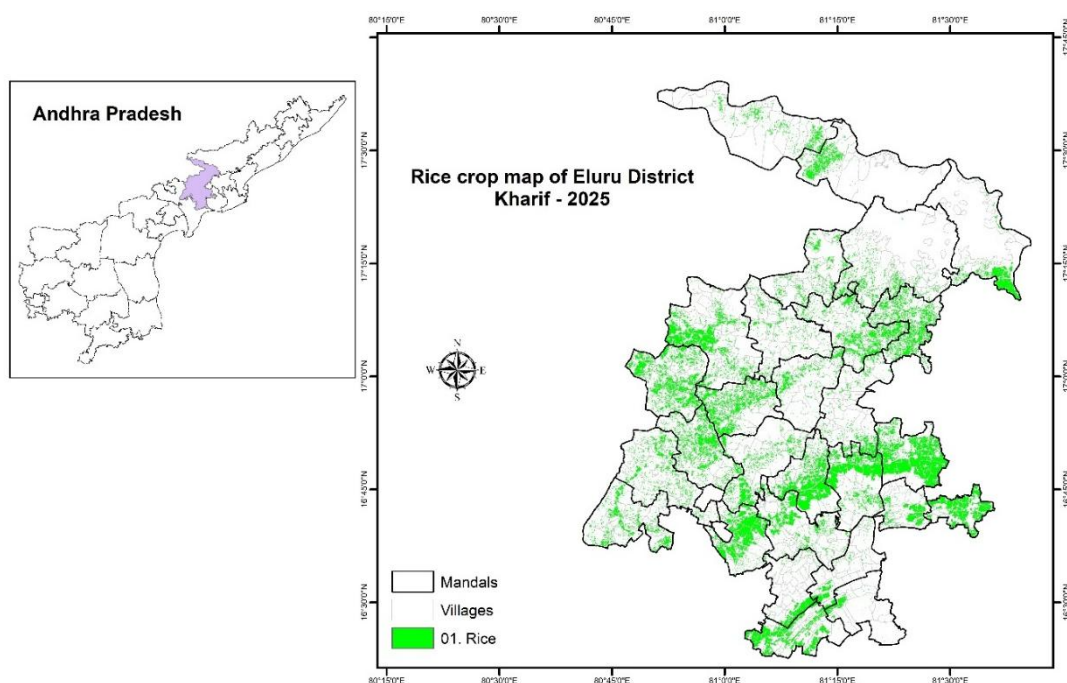


Figure 11: Rice crop map of Eluru District

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				
Non-rice				
Total				

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.

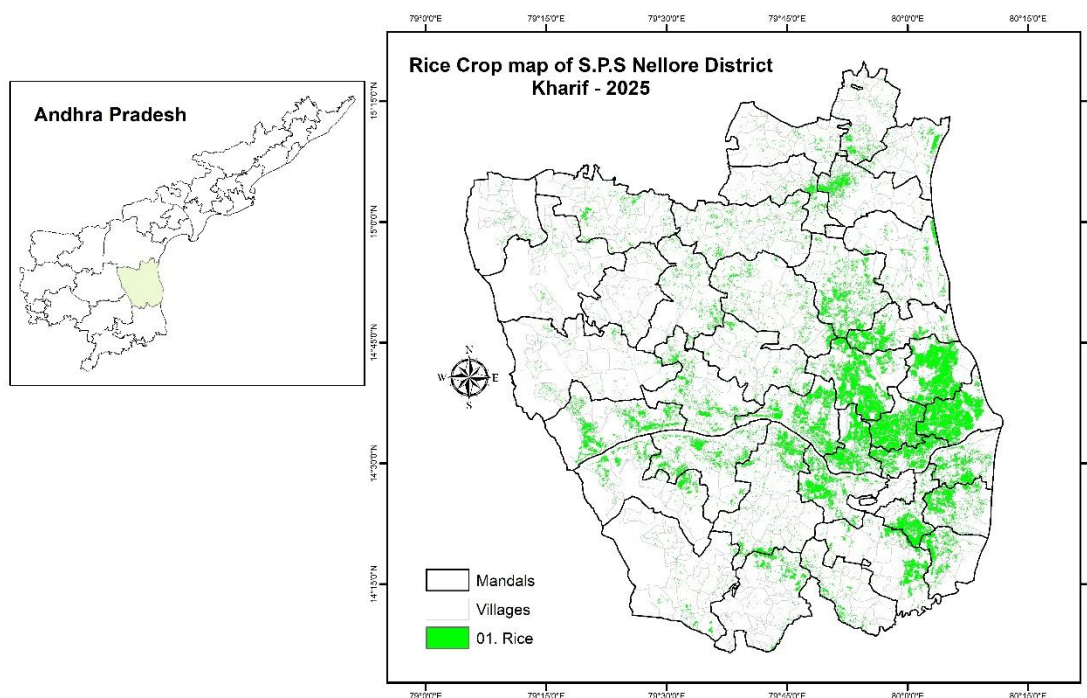


Figure 12: Rice crop map of S.P.S Nellore District

6.2.5 Konaseema

In Konaseema, classification was strengthened by 160 rice ground points, allowing the model to delineate rice accurately across the deltaital 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
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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.

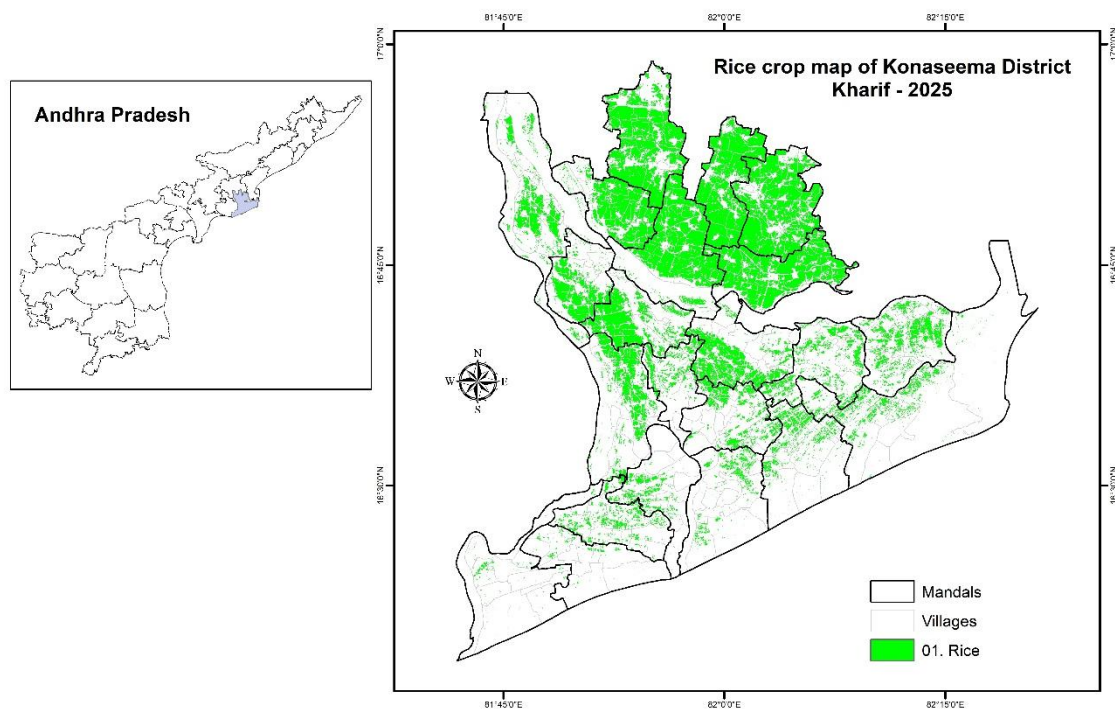


Figure 13: Rice crop map of Konaseema District

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.

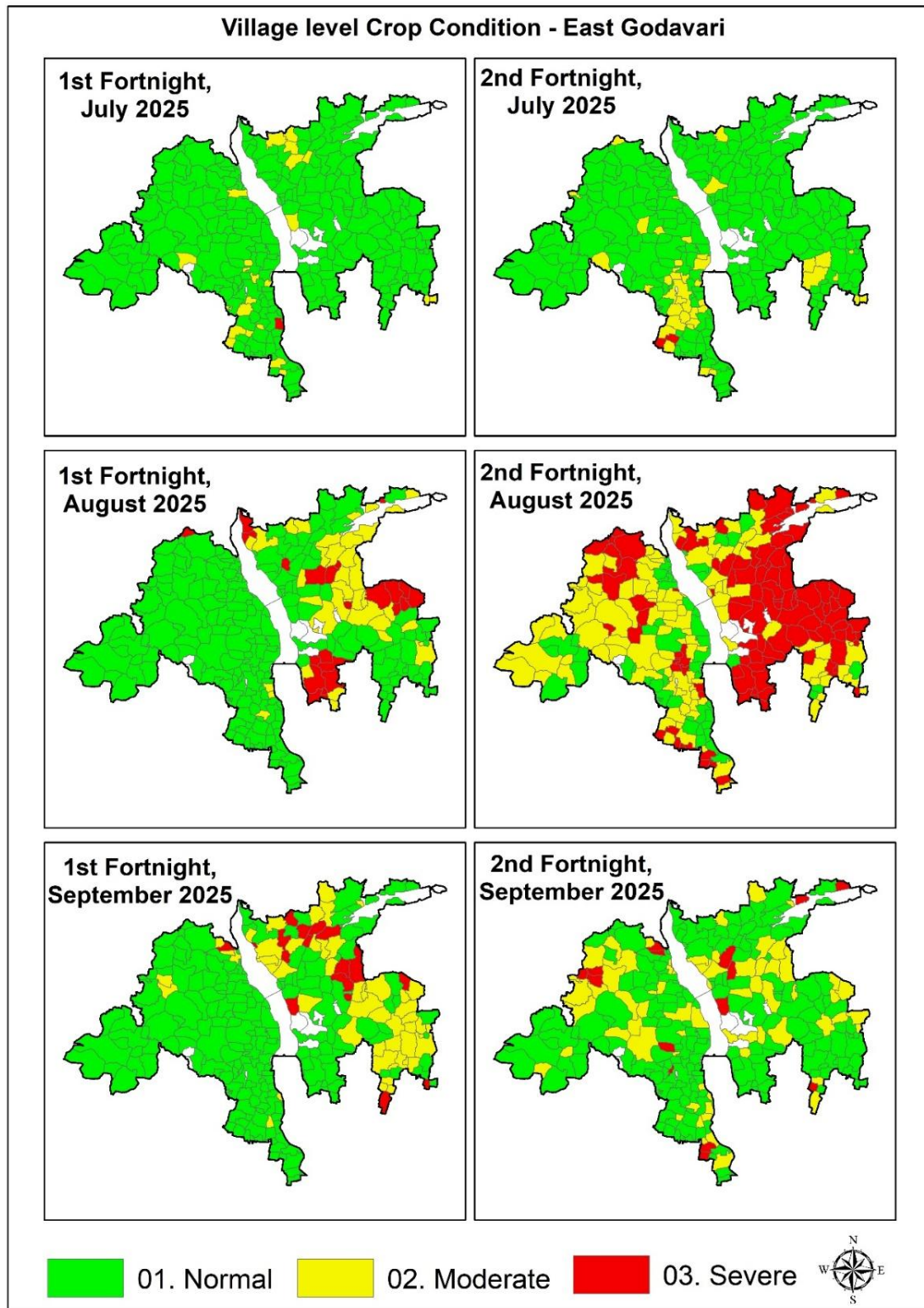


Figure 14: Rice crop stress maps of East Godavari District

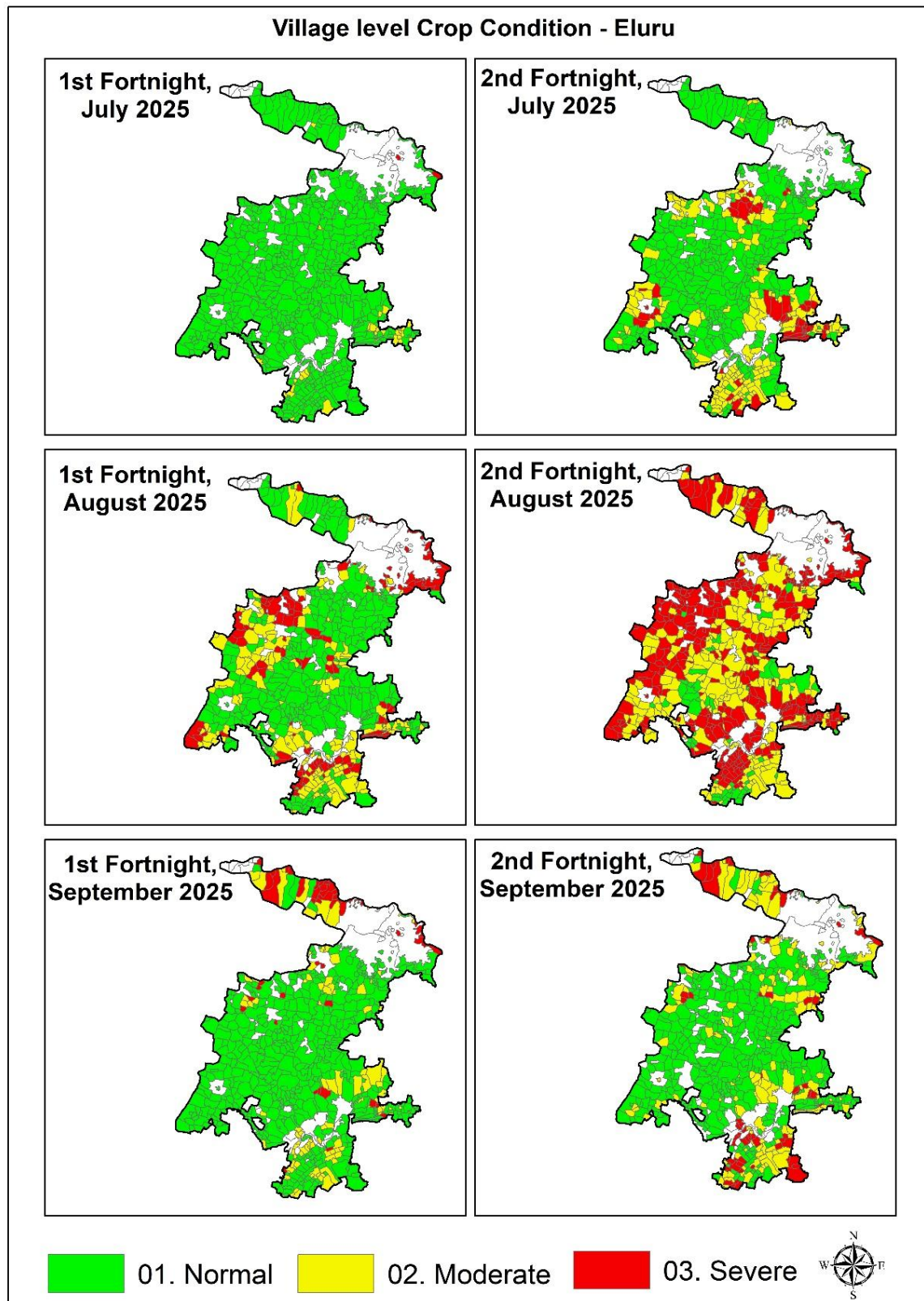


Figure 15: Rice crop stress maps of Eluru District

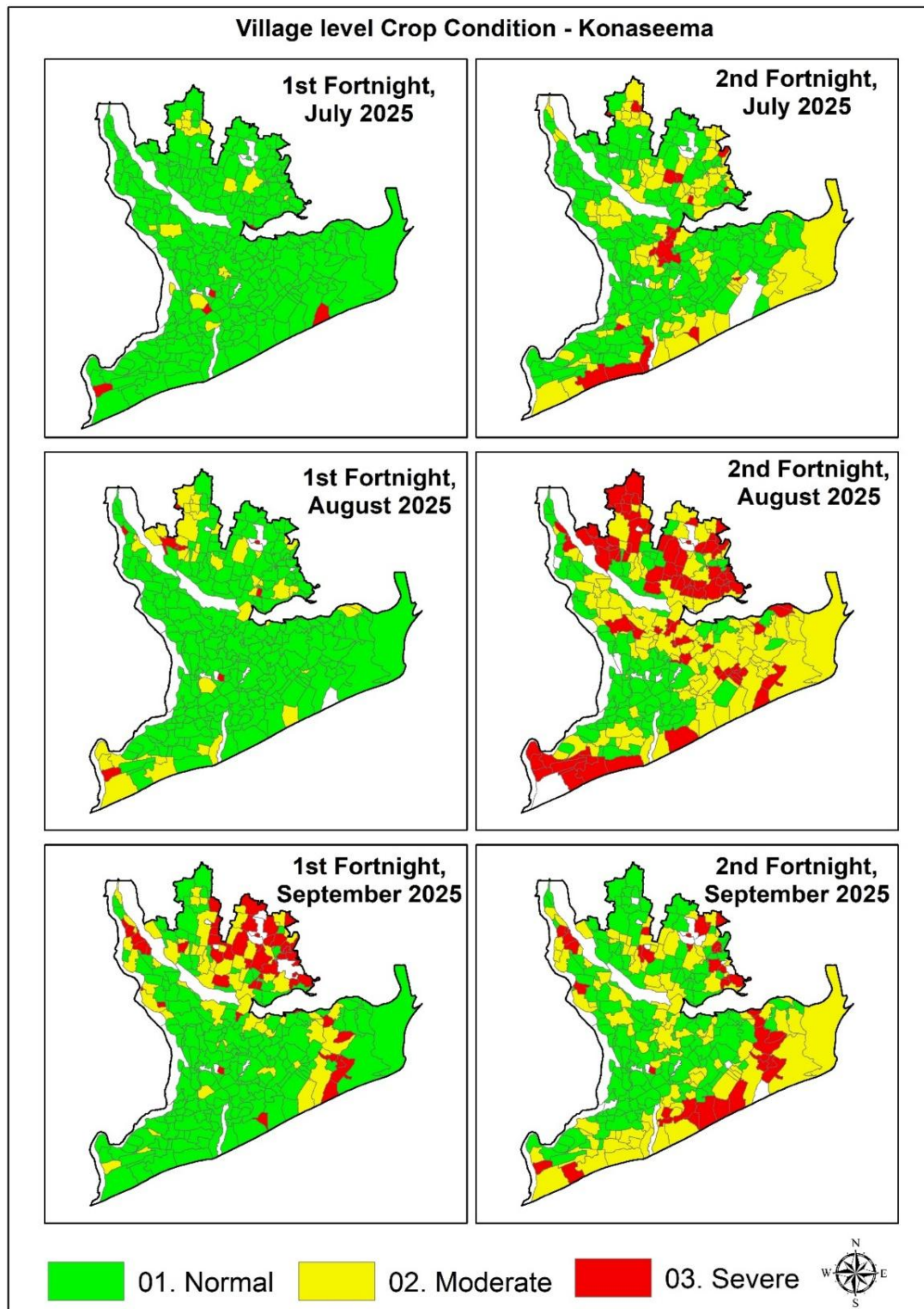


Figure 16: Rice crop stress maps of Konaseema District

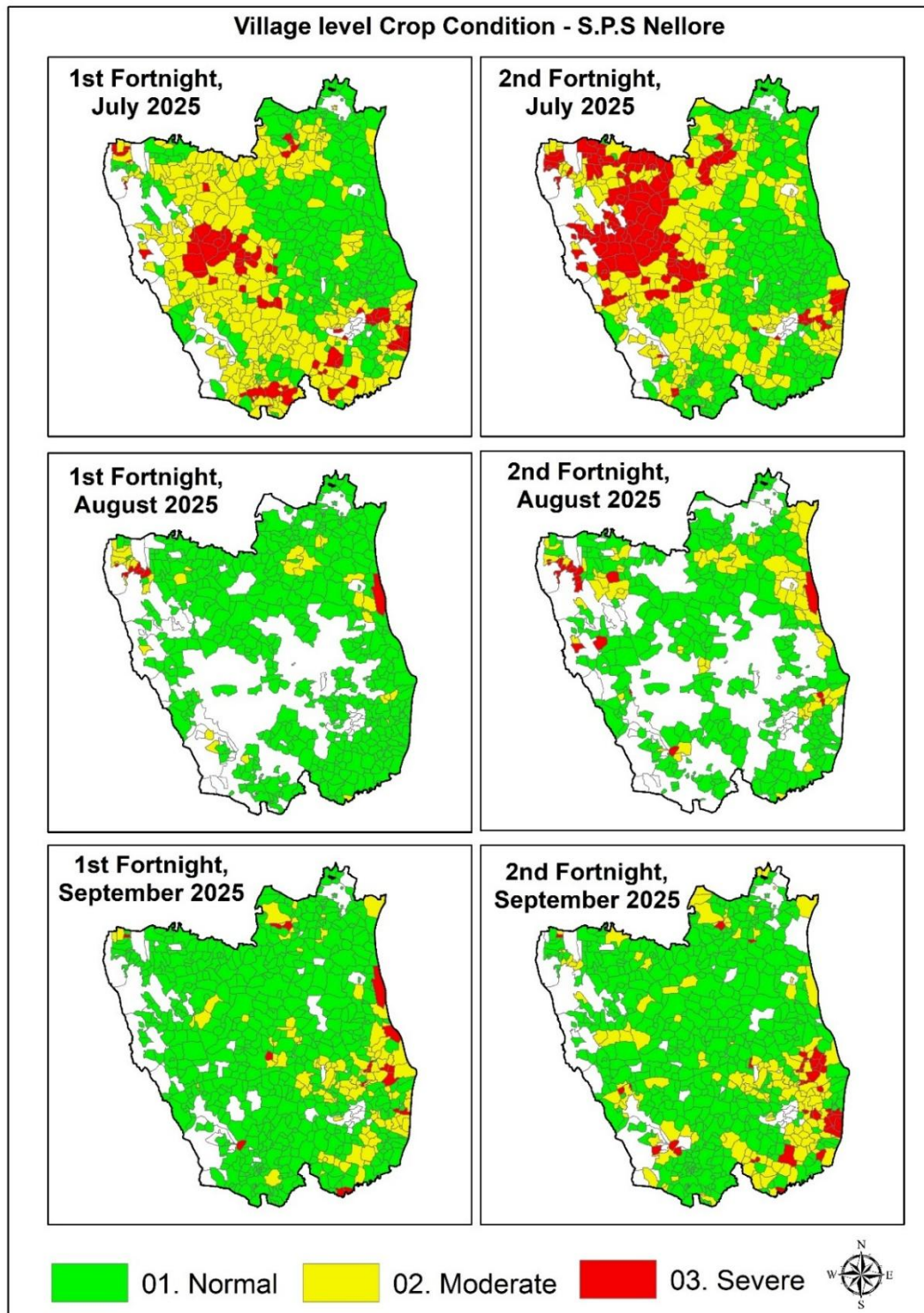


Figure 17: Rice crop stress maps of S.P.S Nellore District

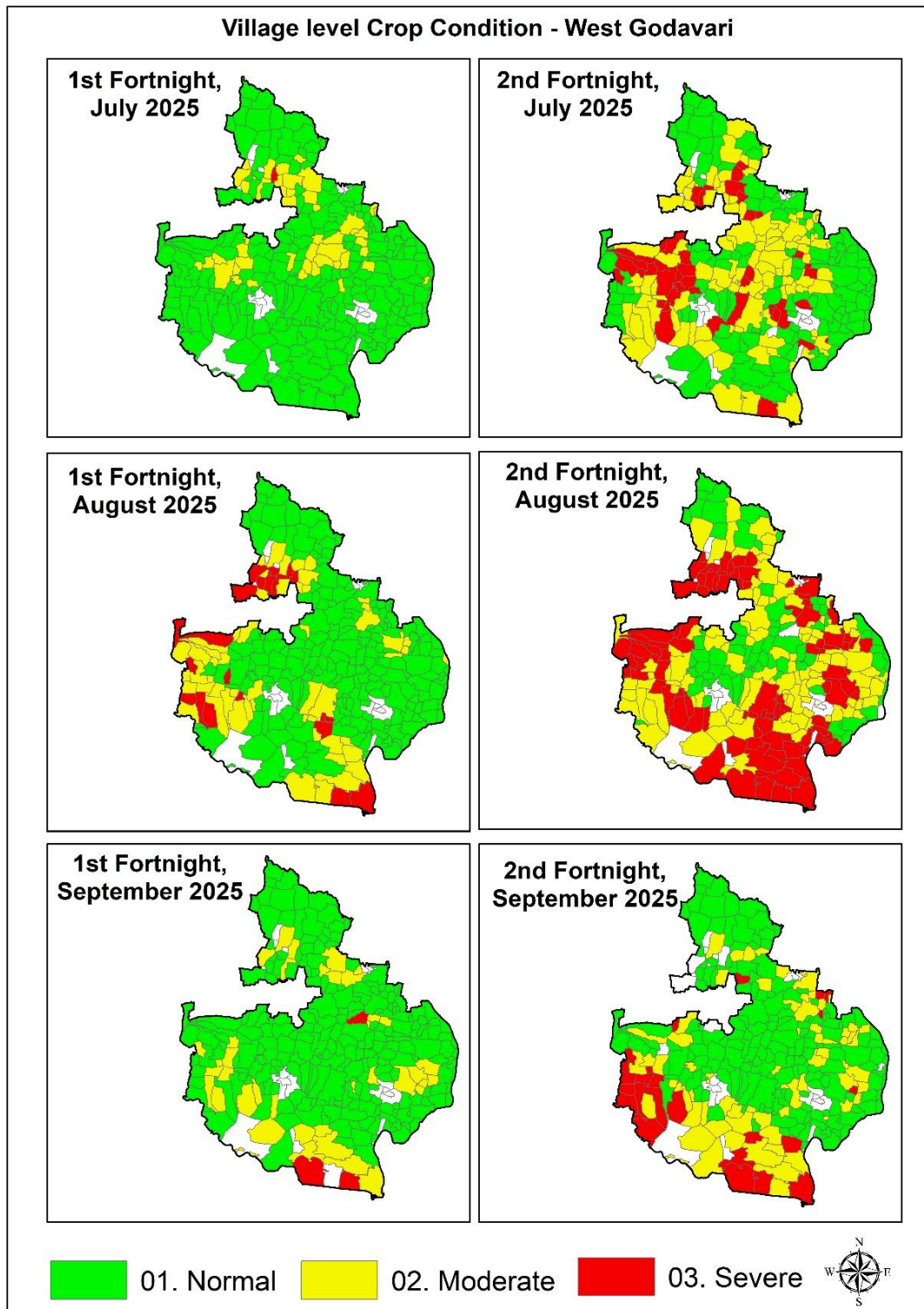


Figure 18: Rice crop stress maps of West Godavari District

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).

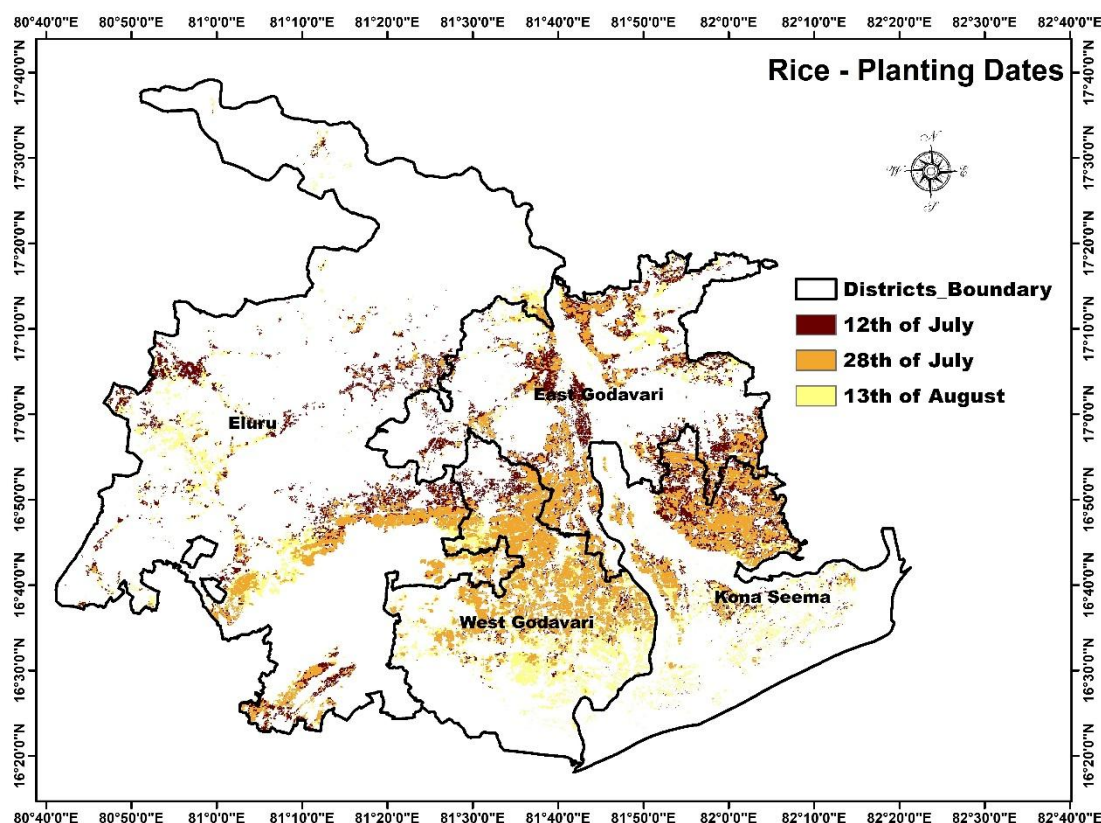


Figure 19: Rice planting dates of E. Godavari, W. Godavari, Eluru and Konaseema districts

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.

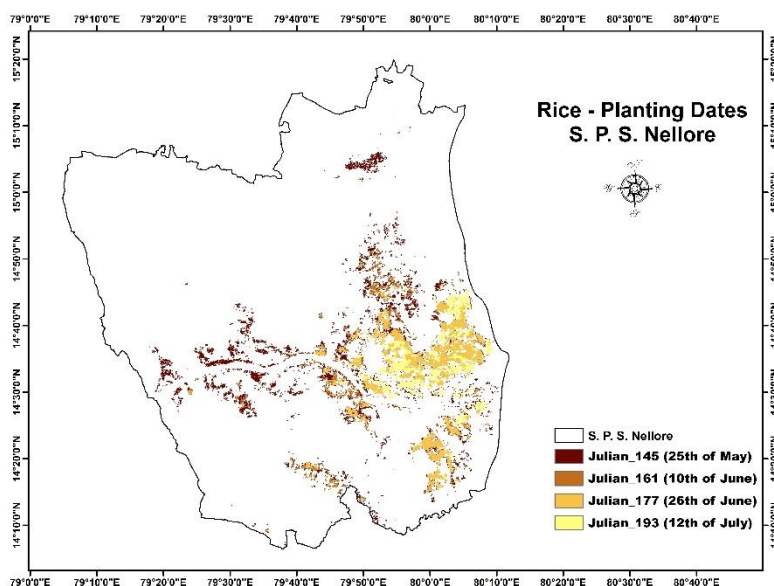


Figure 20: Rice planting dates of S.P.S Nellore District

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.

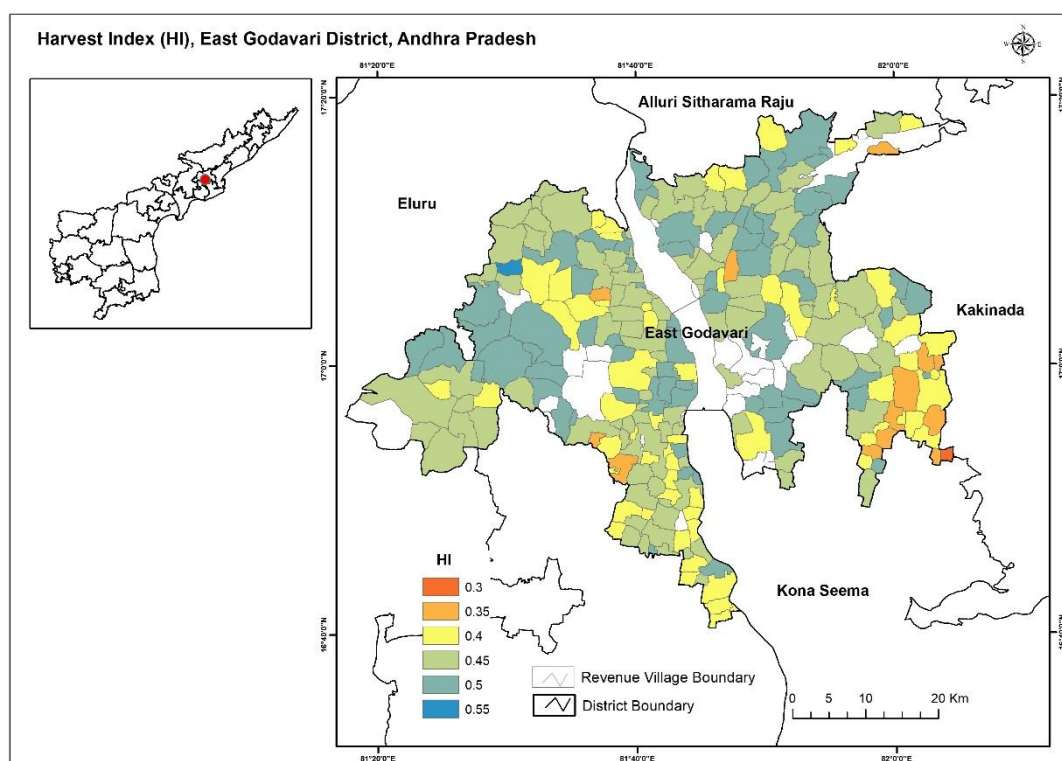


Figure 21: Harvest Index map of East Godavari District

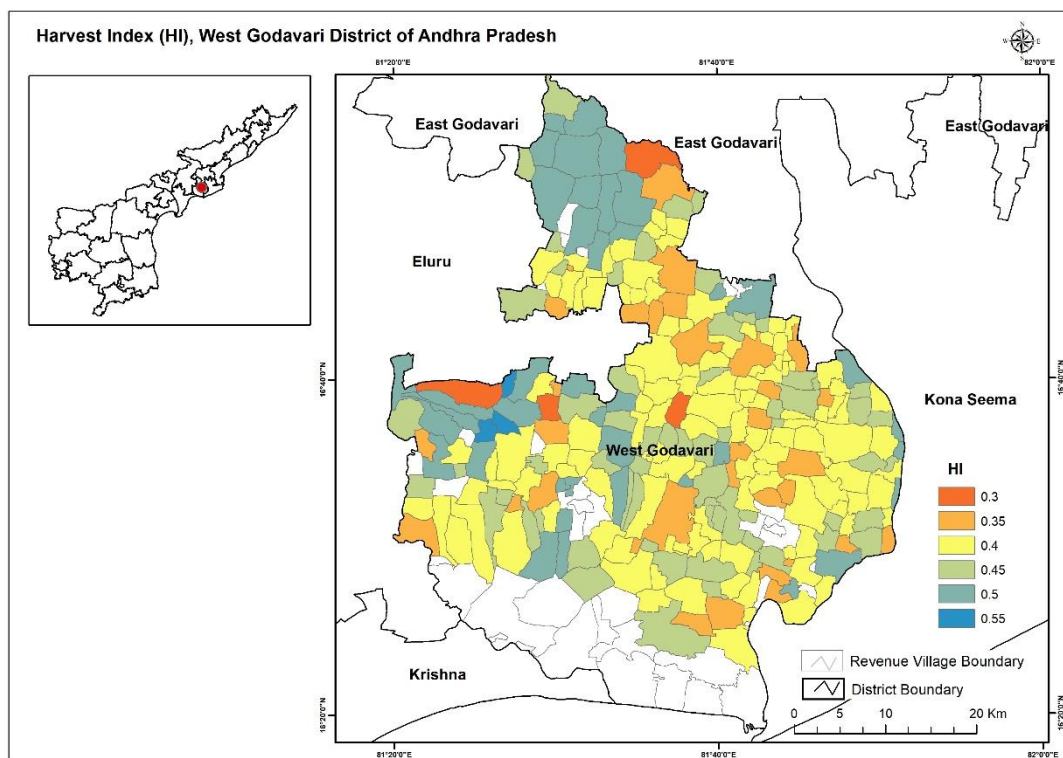


Figure 22: Harvest Index map of West Godavari District

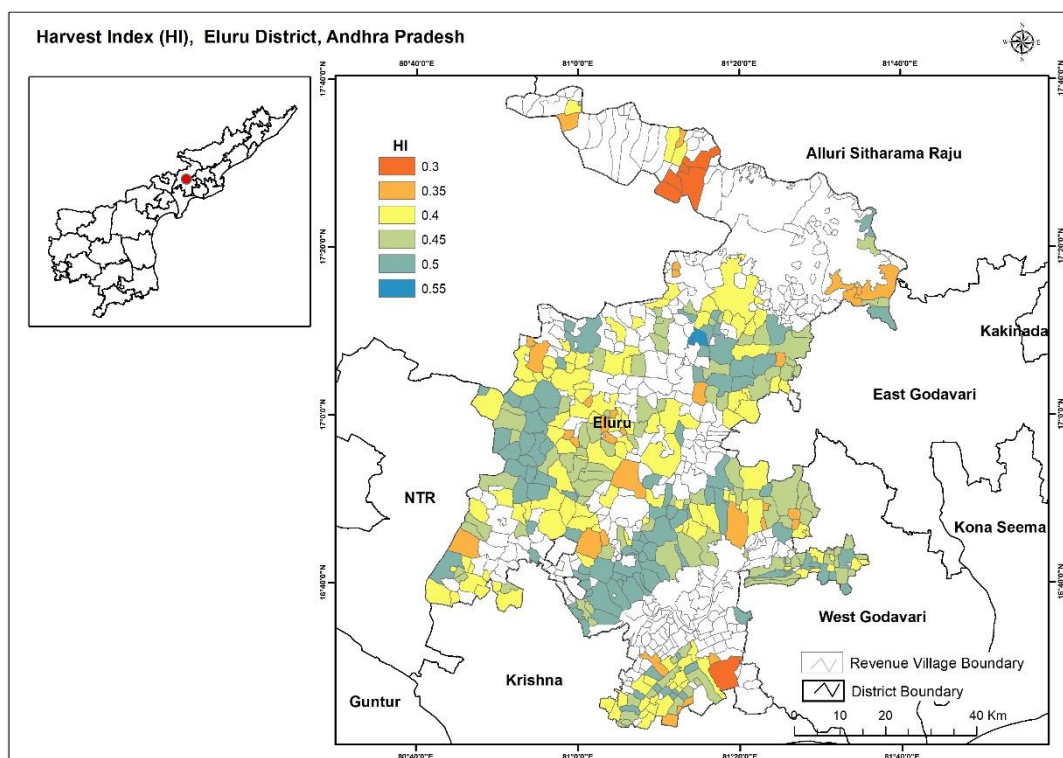


Figure 23: Harvest Index map of Eluru District

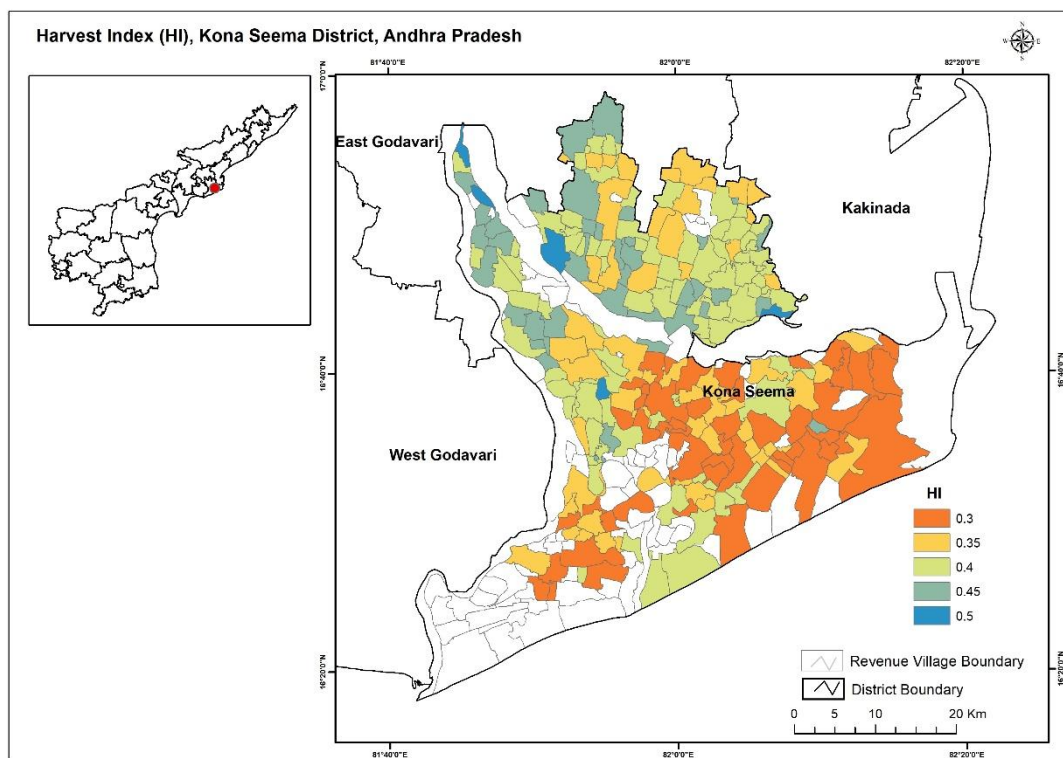


Figure 24: Harvest Index map of Kona Seema District

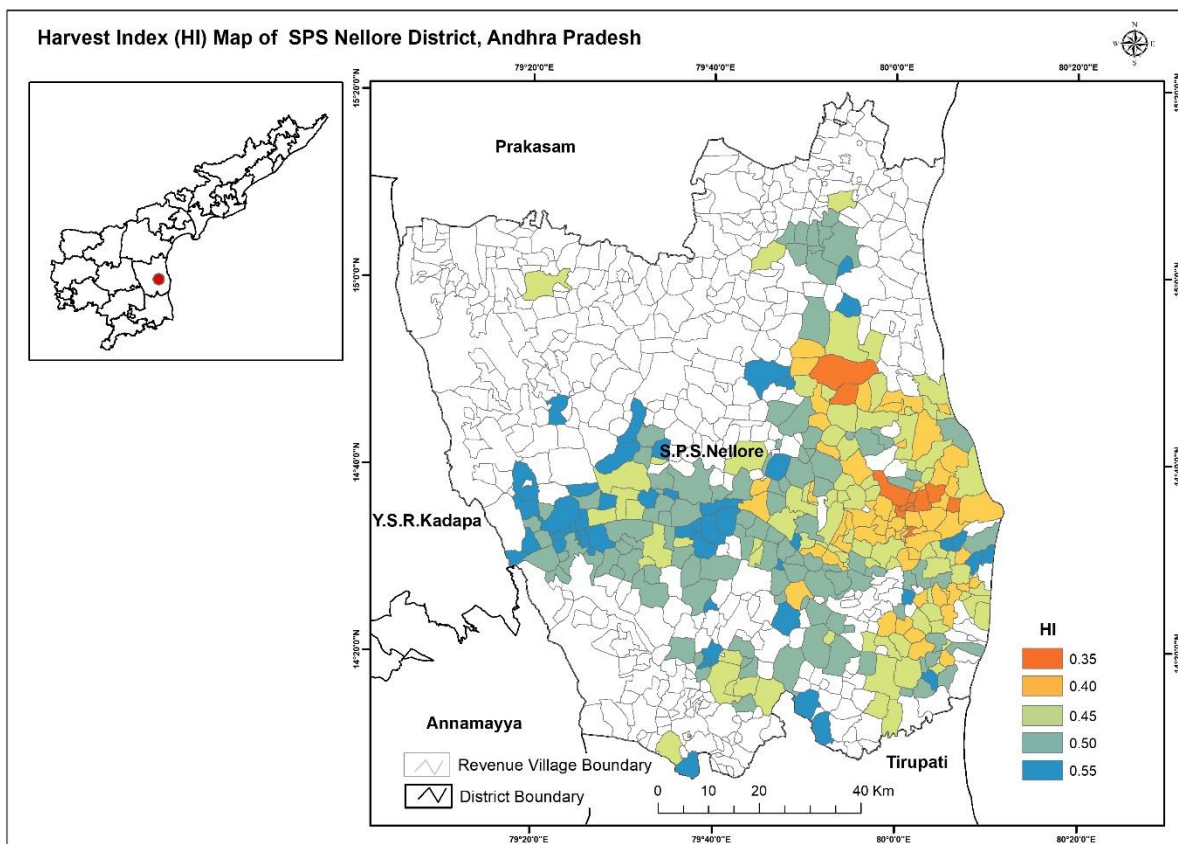


Figure 25: Harvest Index map of SPS Nellore District

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.

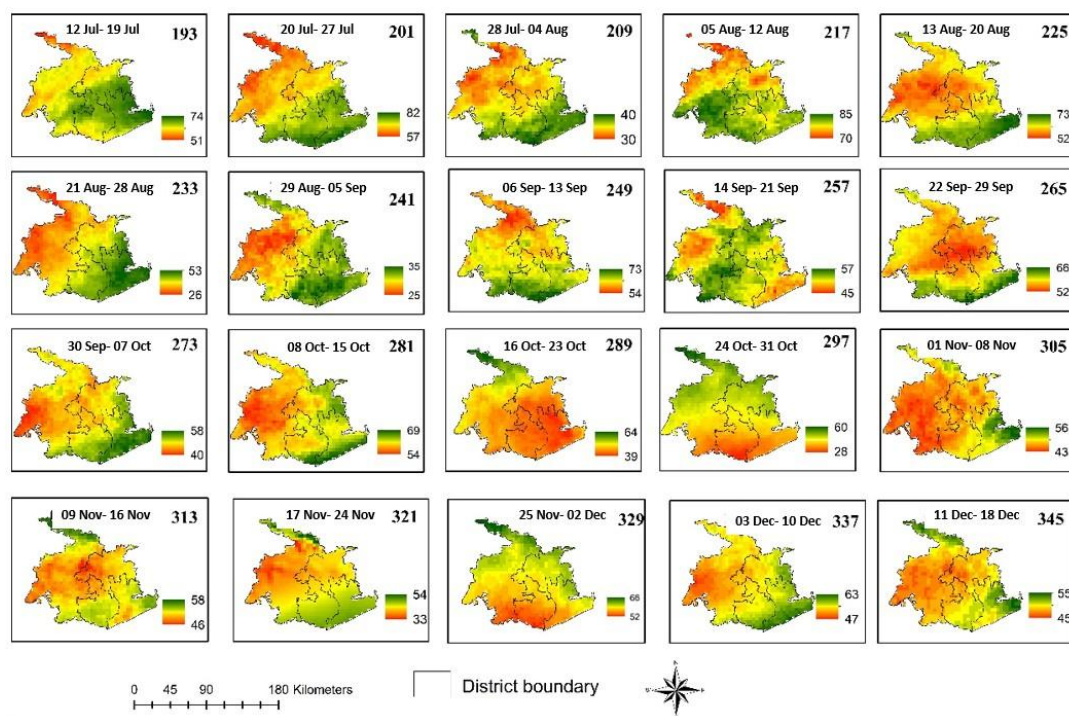


Figure 26: Temporal PAR (MJ/8day) of four districts during Kharif 2025

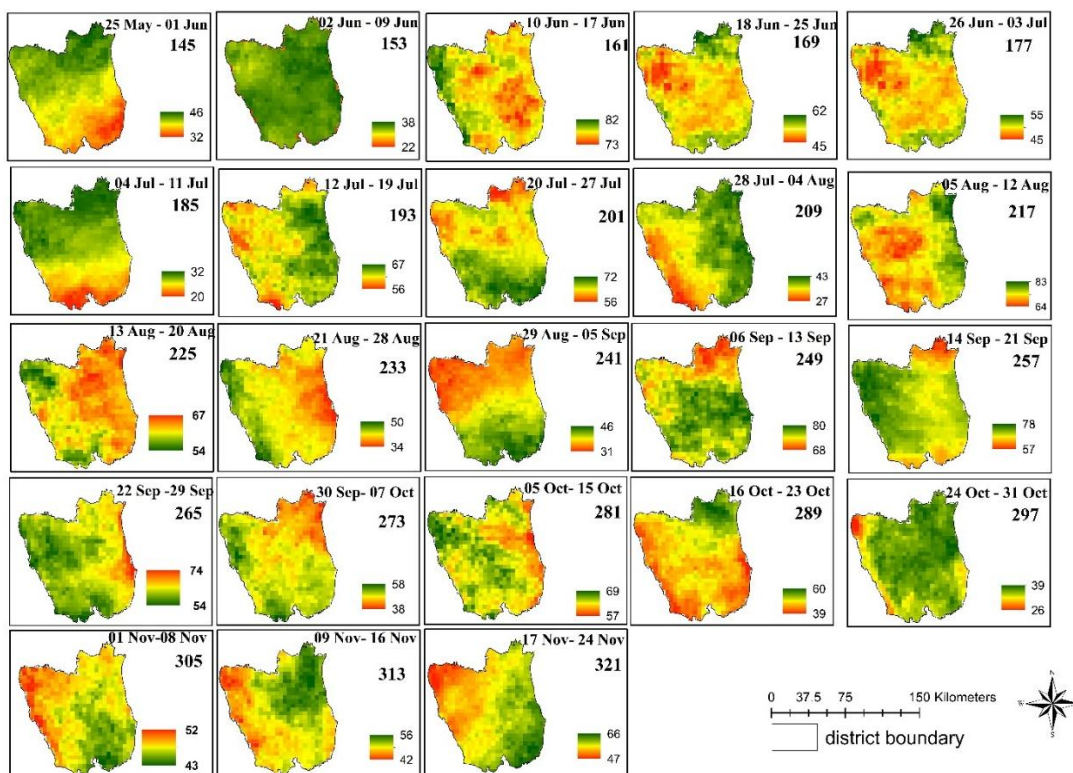


Figure 27: Temporal PAR (MJ/8day) of Nellore districts during Kharif 2025

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.

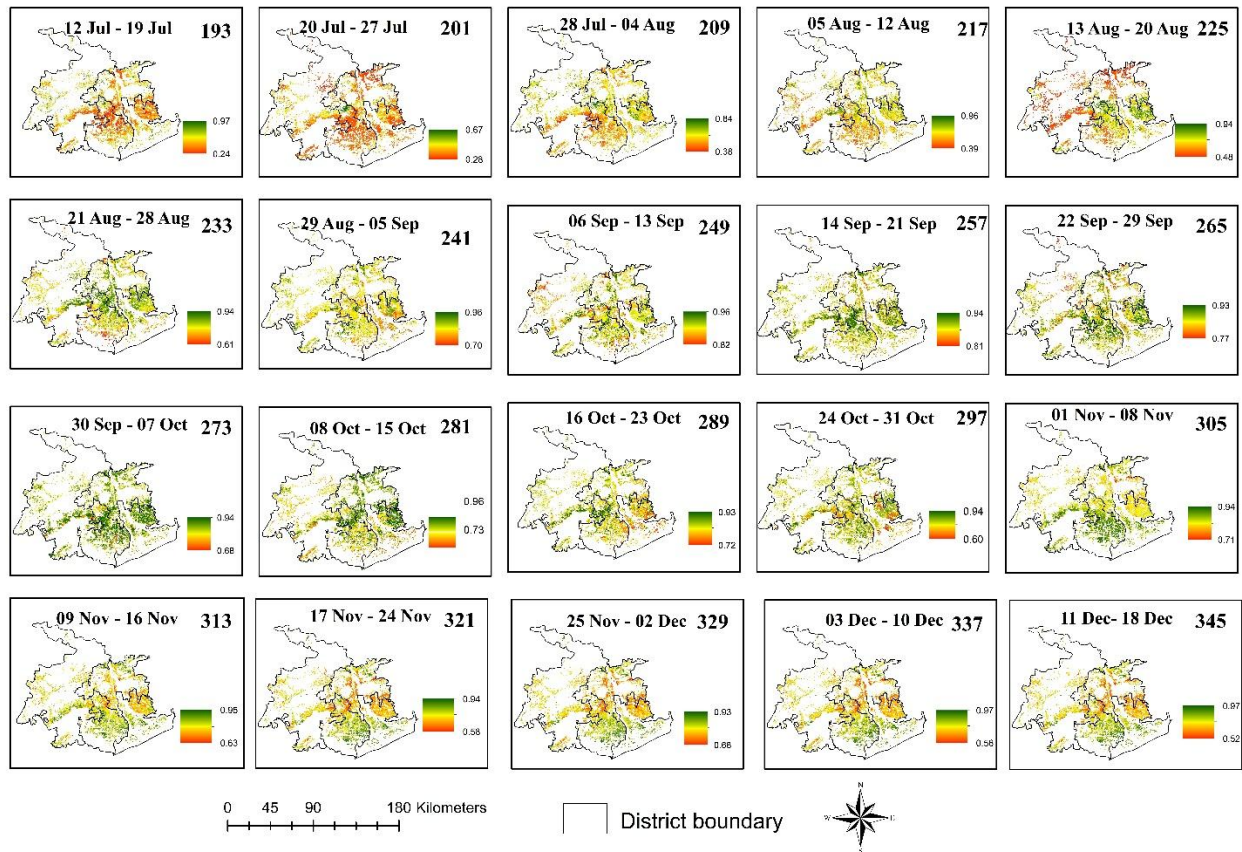


Figure 28: Temporal FAPAR spatial maps of four districts during Kharif 2025

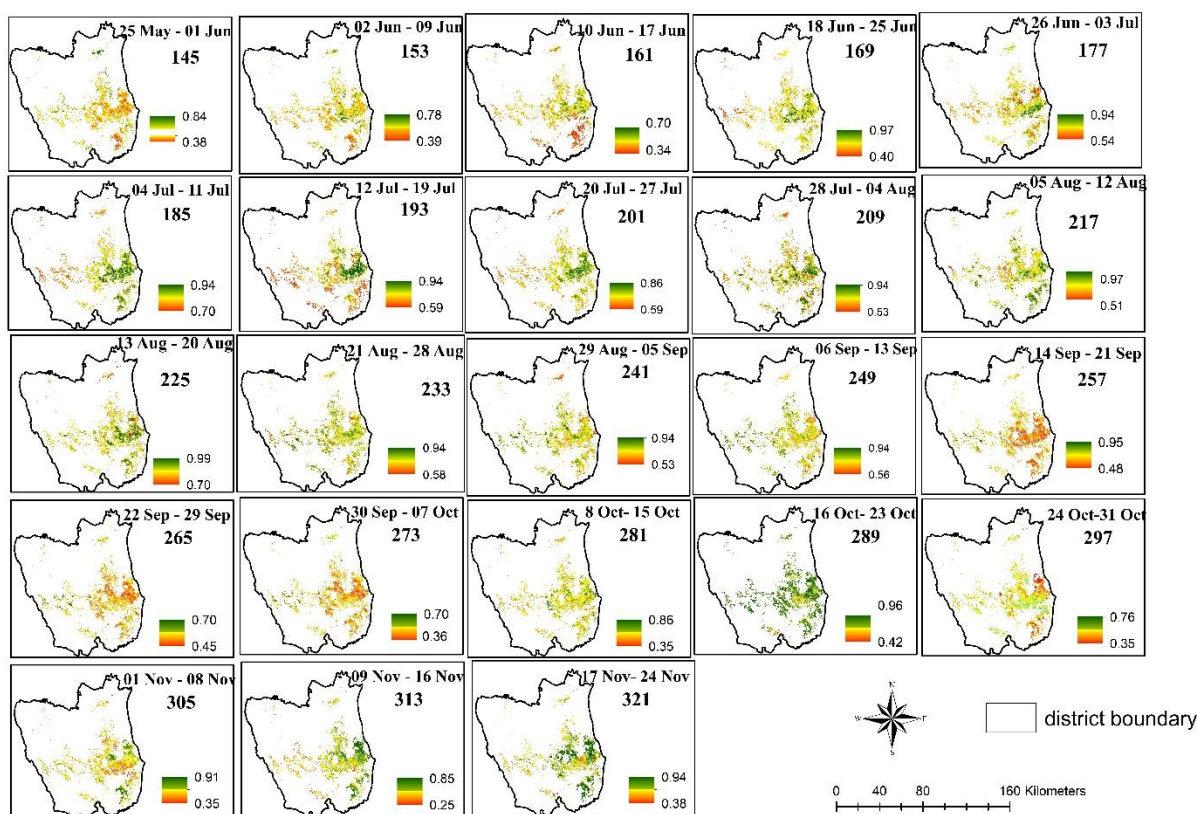


Figure 29: Temporal FAPAR spatial maps of Nellore districts during Kharif 2025

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.

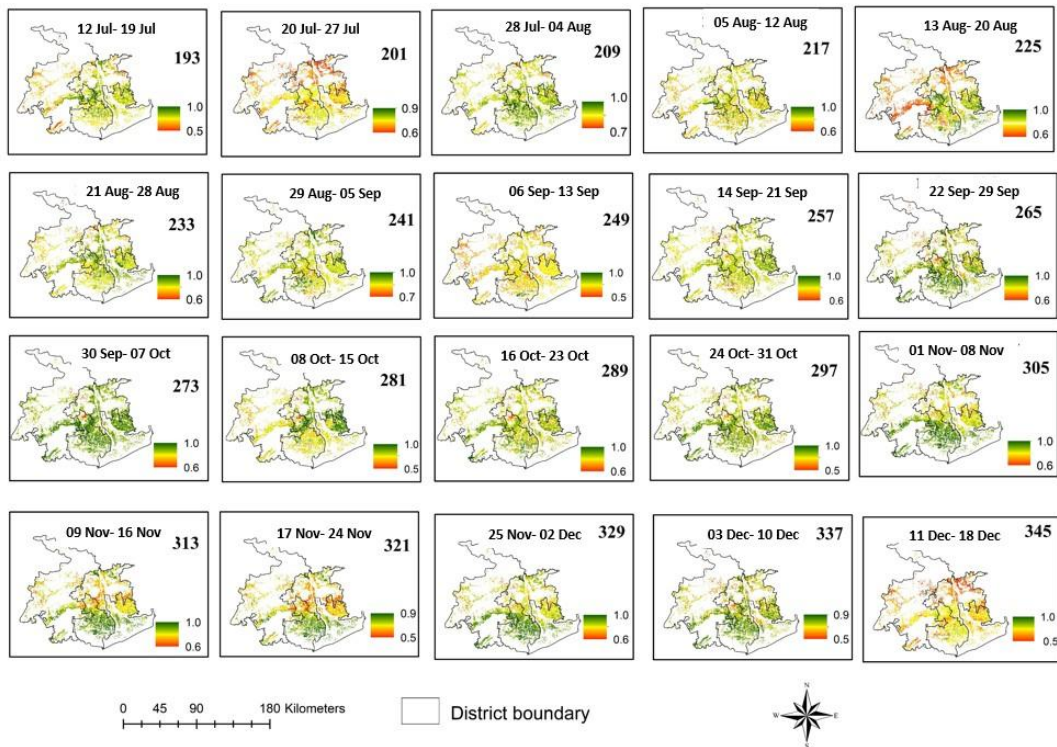


Figure 30: Temporal Water Scalar spatial maps of four districts during Kharif 2025

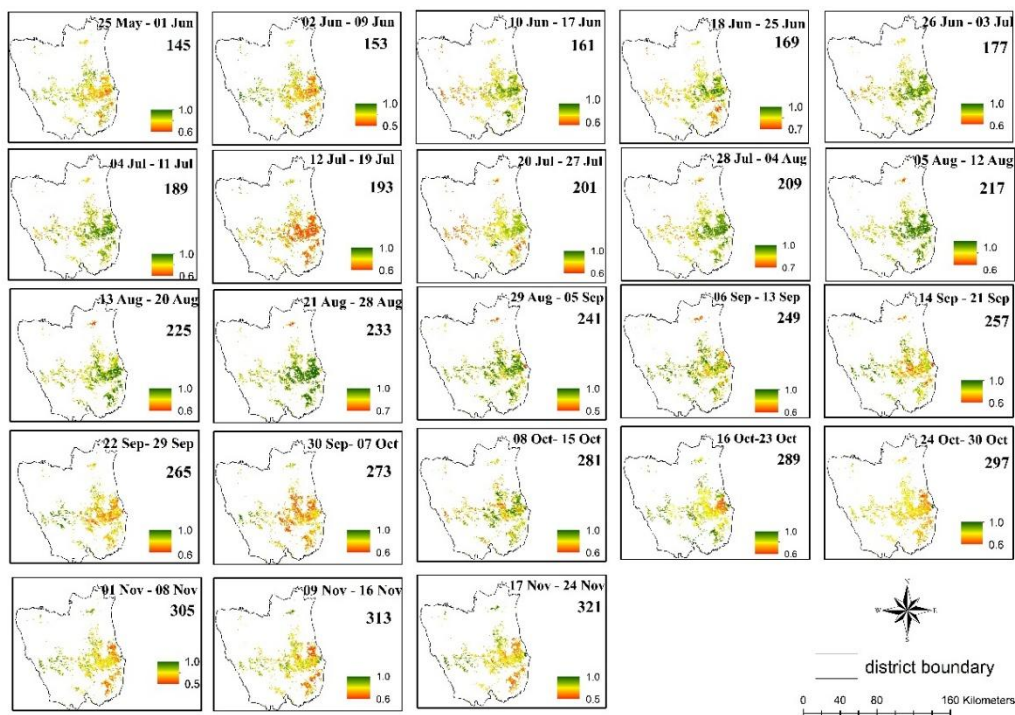


Figure 31: Temporal Water Scalar spatial maps of Nellore districts during Kharif 2025

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.

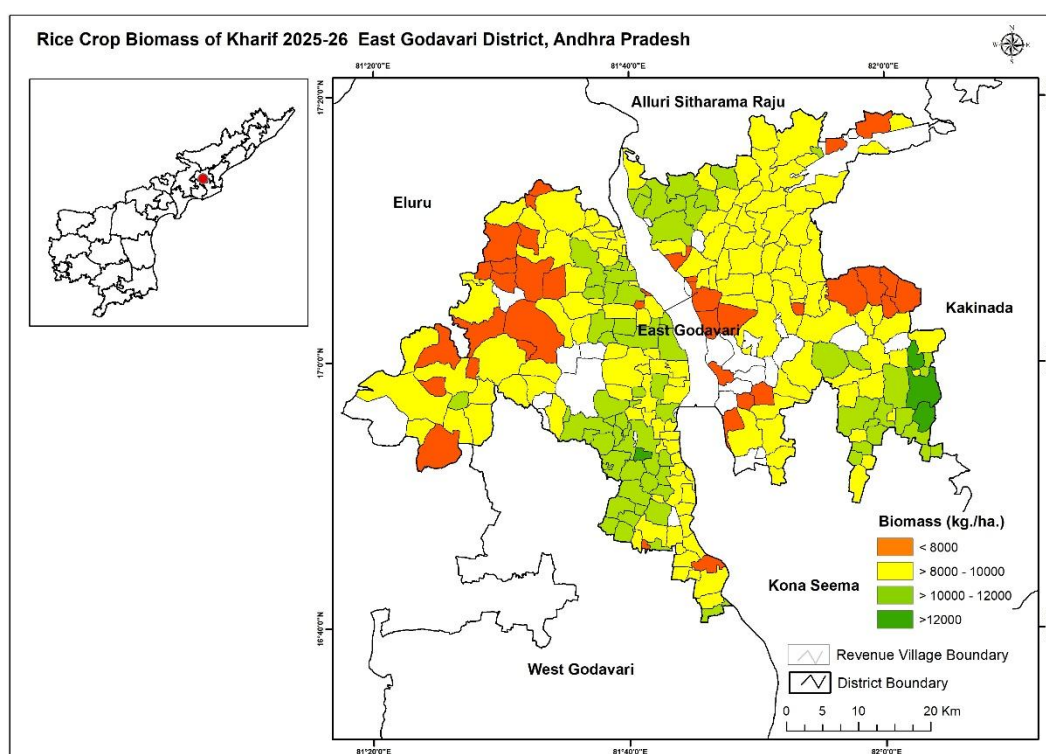


Figure 32: Biomass map of East Godavari District

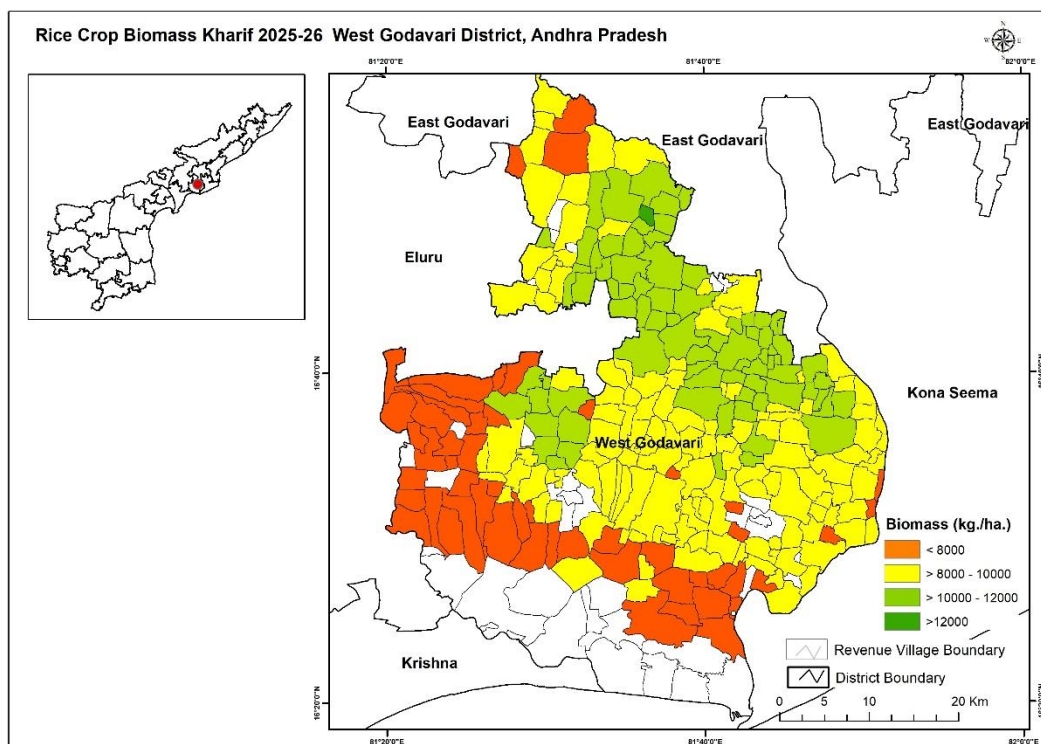


Figure 33: Biomass map of West Godavari District

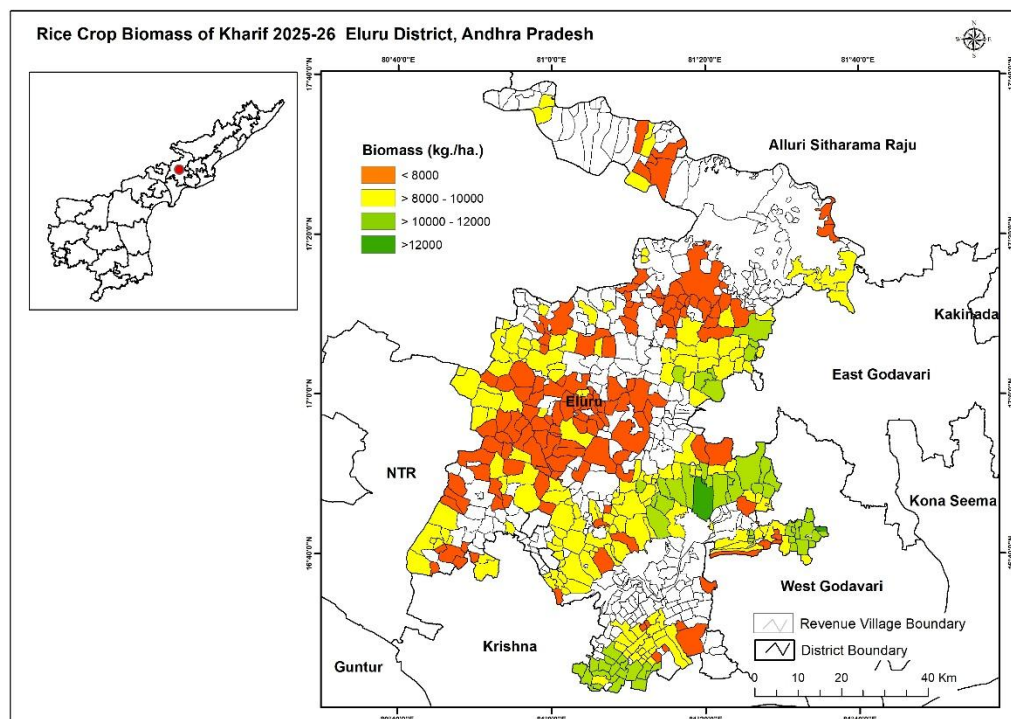


Figure 34: Biomass map of Eluru District

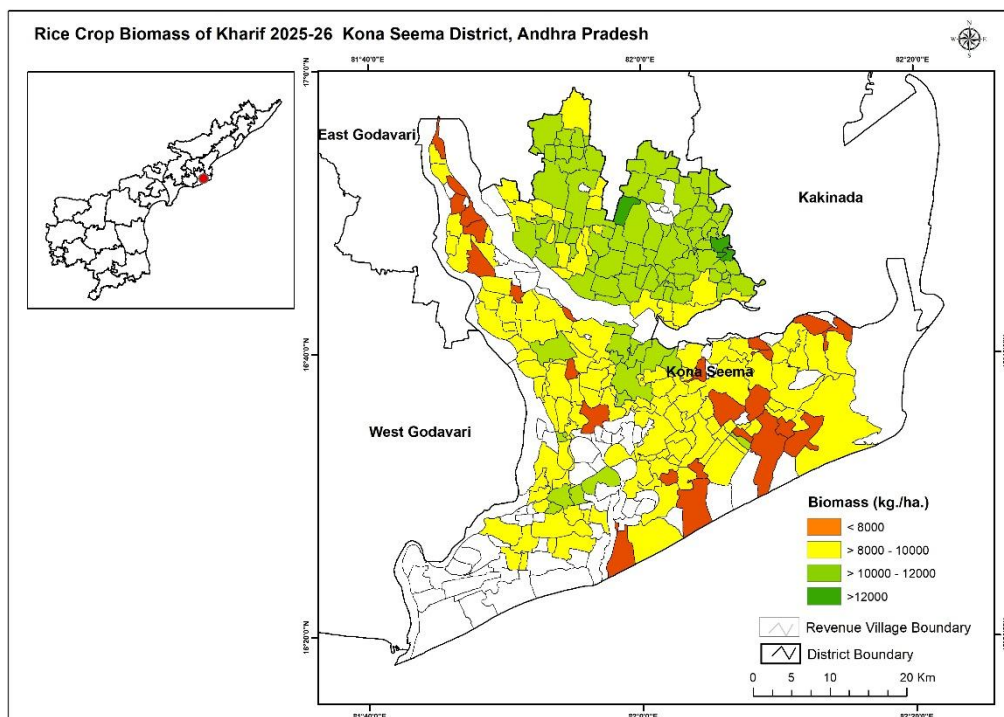


Figure 35: Biomass map of Kona Seema District

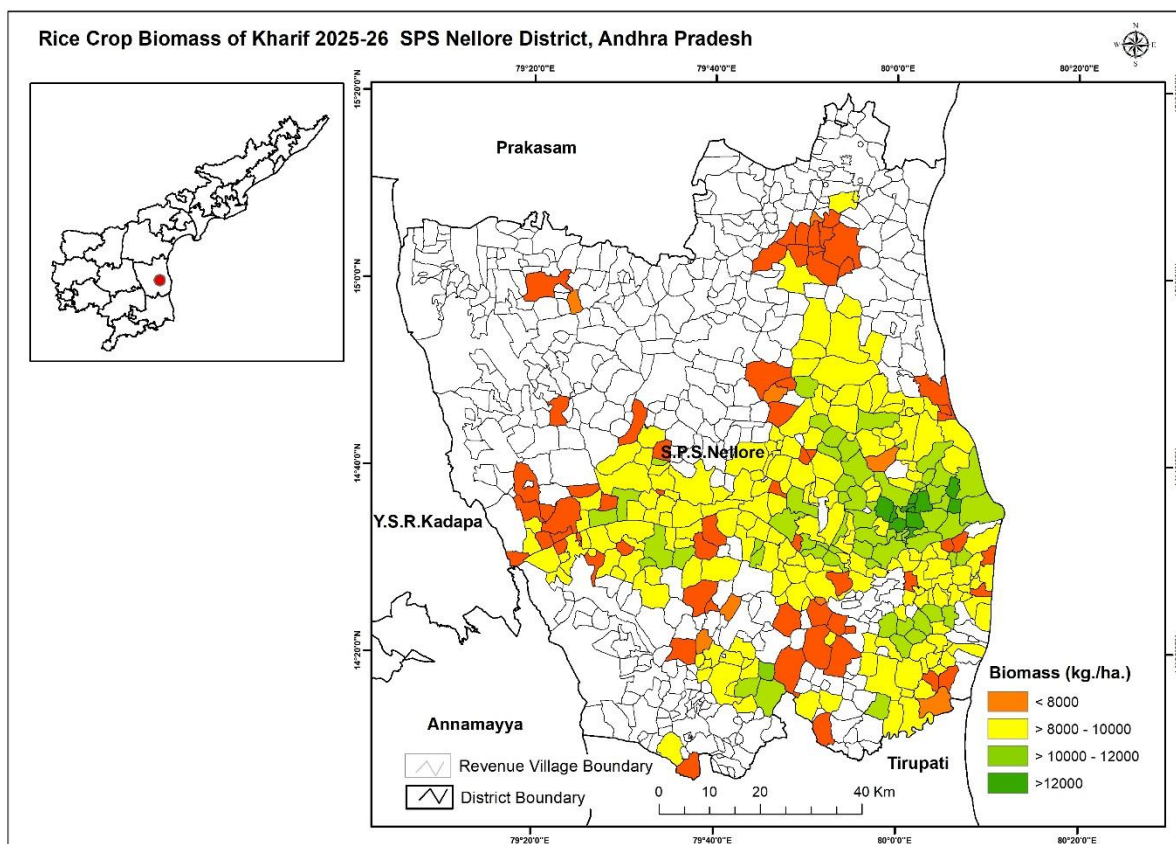


Figure 36: Biomass map of SPS Nellore District

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.

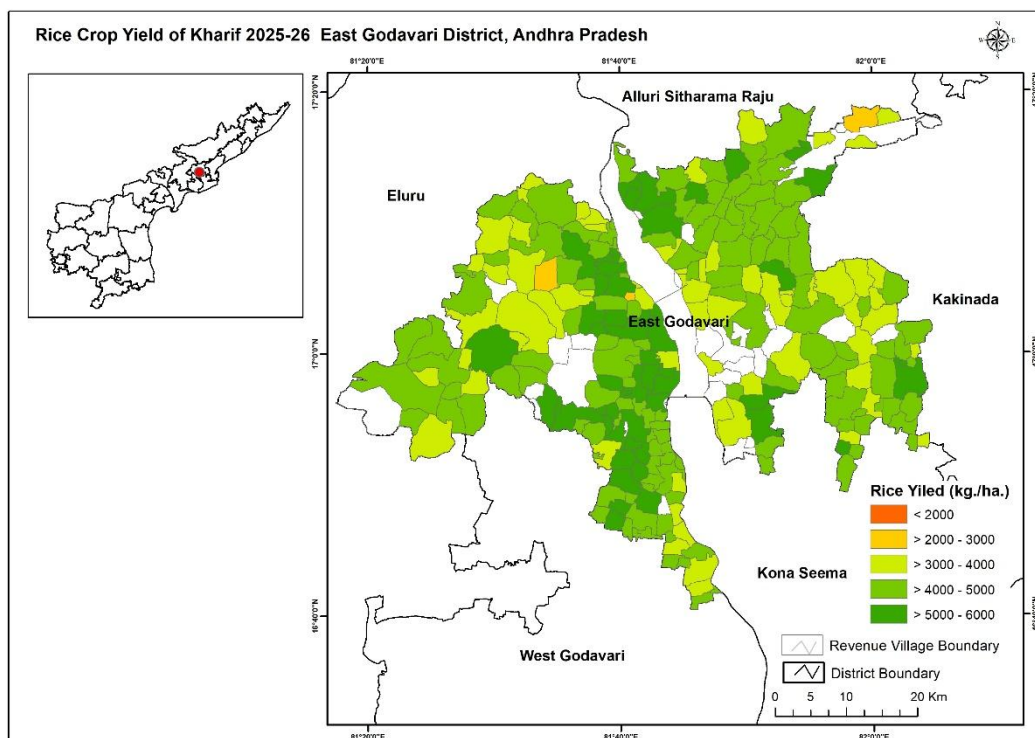


Figure 37: Rice crop yield map of East Godavari District

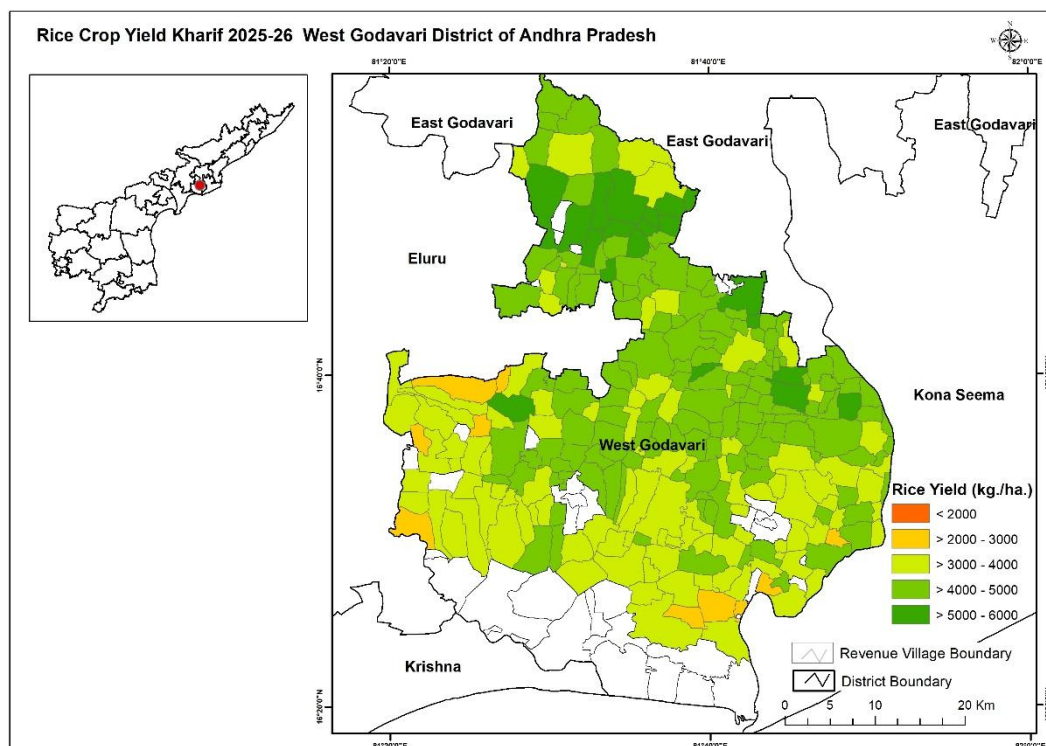


Figure 38: Rice crop yield map of West Godavari District

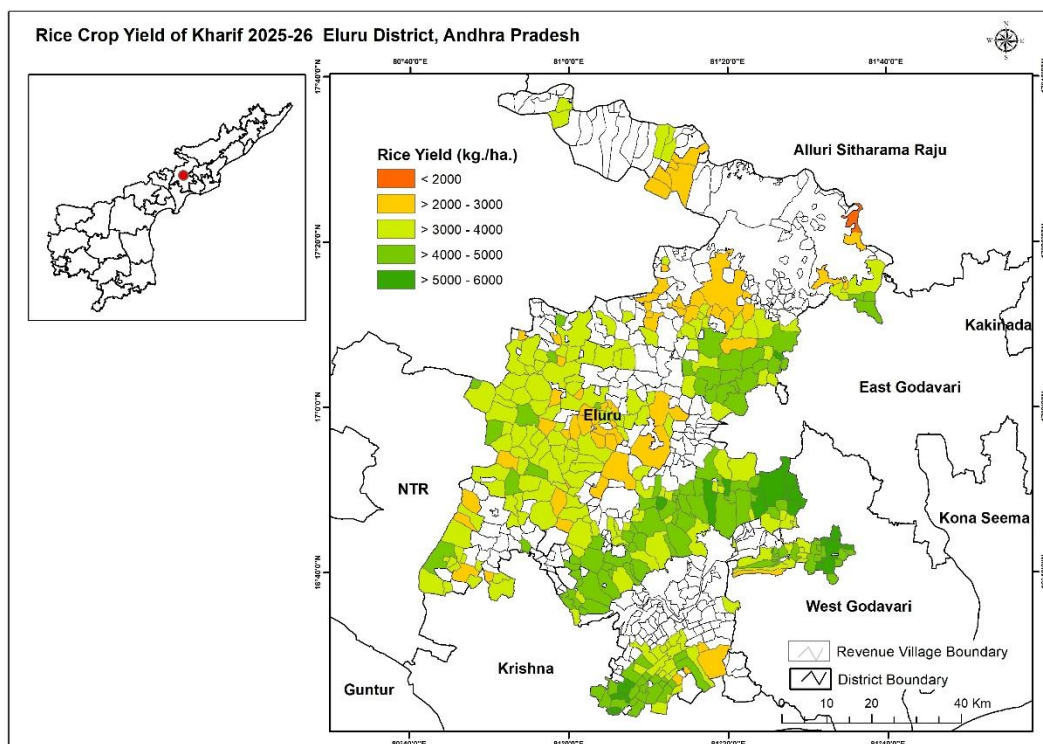


Figure 39: Rice crop yield map of Eluru District

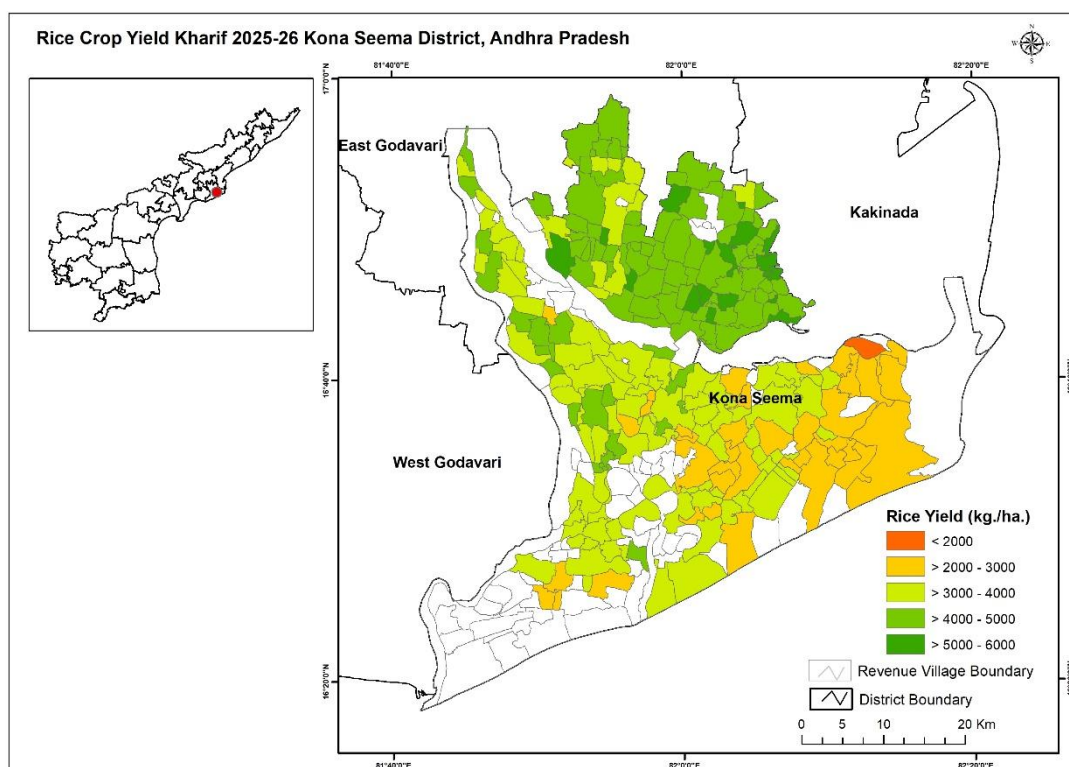


Figure 40: Rice crop yield map of Kona Seema District

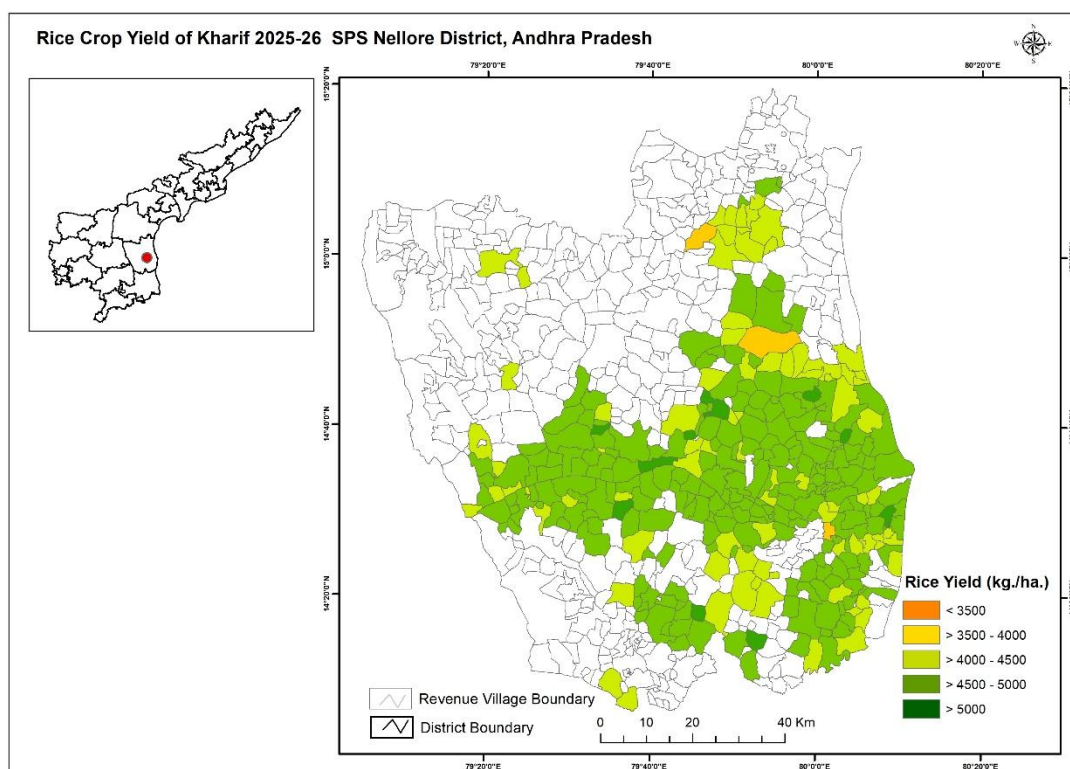


Figure 41: Rice crop yield map of SPS Nellore District

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

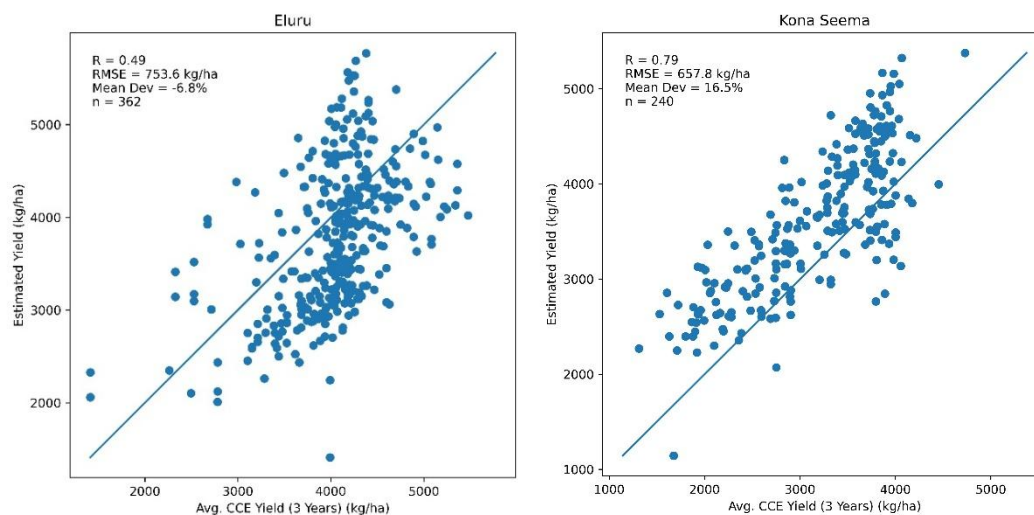


Figure 42: Scatter plots of Eluru and Konaseema Districts

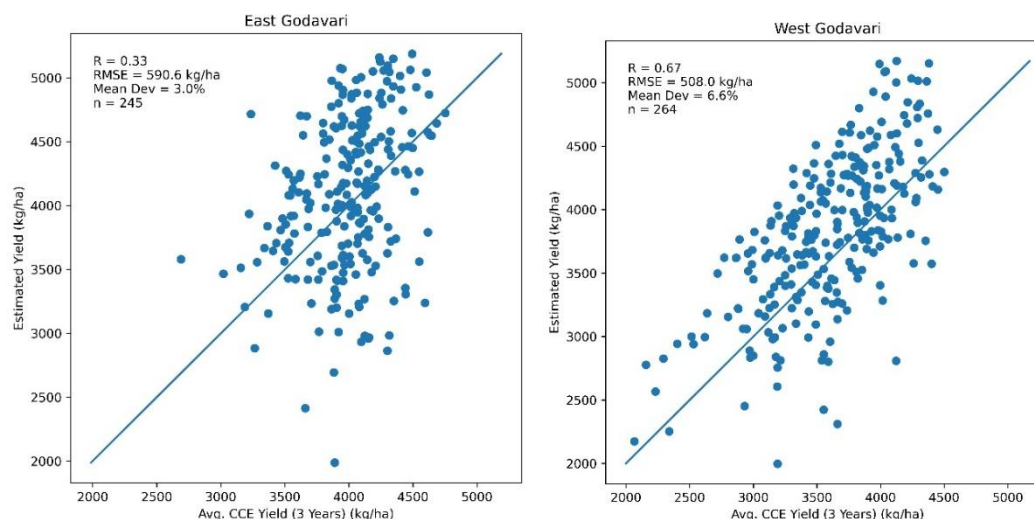


Figure 43: Scatter plots of East Godavari and West Godavari Districts

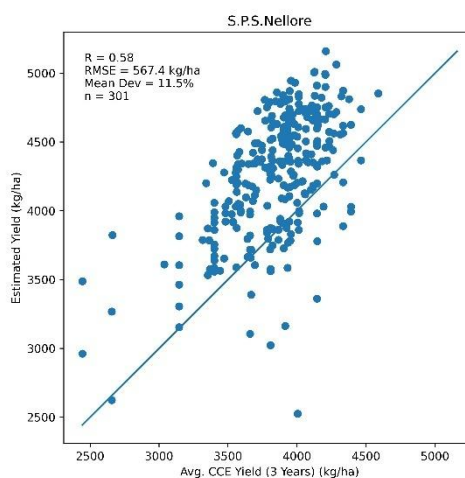


Figure 44: Scatter plot of SPS Nellore District

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	Jaggiseti 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	Koyarajhundry	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	Choppamannagudem	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	Venkammampalem	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	Vadlapatlanathanam	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	Venkatadriappaopuram	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	Nidamaru	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	Nidamaru	Buvvanapalle	588483	4437.2
307	Eluru	Nidamaru	Adavikolanu	588481	3963.9
308	Eluru	Ganapavaram	Agraharagopavaram	588585	4661.0
309	Eluru	Ganapavaram	Velagapalle	588568	3437.6
310	Eluru	Nidamaru	Naganamilli	588477	4975.1
311	Eluru	Pedapadu	Vatluru	588397	4741.8
312	Eluru	Ganapavaram	Moyyeru	588582	4382.7
313	Eluru	Nidamaru	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	Nidamaru	Kakaramilli	588482	4669.5
319	Eluru	Ganapavaram	Ardhavaram	588571	4854.9
320	Eluru	Ganapavaram	Muggula	588573	4318.3
321	Eluru	Nidamaru	Enikepalle	588484	4062.5
322	Eluru	Ganapavaram	Kesavaram	588586	5041.6
323	Eluru	Nidamaru	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	Nidamaru	Krishnapuram	588485	4581.2
329	Eluru	Nidamaru	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	Nidamaru	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	Nidamaru	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-li	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	Kondrupolu	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	Munamaruru	588679	3542.1
459	West Godavari	Iragavaram	Podalada	588671	3631.4
460	West Godavari	Iragavaram	Kathavapadu	588672	3830.6
461	West Godavari	Attili	Eduuru	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	Aratlatkatla	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	Digamaru	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	Lakshmiapolavaram	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	Podagatlalipalle	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	Pamaruru	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	Pamaruru	Sundarapalle	587724	3923.0
739	Kona Seema	Pamaruru	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	Pamaruru	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	Cheyzeru	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	Pasarlupudi	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	Krishnuniapalem	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	Bodladdupalem	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	Bobbilanka	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	Subhadrapeta	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	Anaparthi	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	Anaparthi	Anaparthi	587541	4646.1
955	East Godavari	Biccavolu	Komaripalem	587533	3645.3
956	East Godavari	Biccavolu	Voolapalle	587536	4271.0
957	East Godavari	Kadlam	Kadlam	587550	3667.8
958	East Godavari	Kadlam	Vemagiri	587549	3580.9
959	East Godavari	Biccavolu	Pandalapaka	587535	4510.7
960	East Godavari	Biccavolu	Tossipudi	587534	3967.3
961	East Godavari	Kadlam	Jegurupadu	587551	4745.7
962	East Godavari	Anaparthi	Koppavaram	587542	4104.2
963	East Godavari	Biccavolu	Konkuduru	587537	4645.5
964	East Godavari	Anaparthi	Mahendrawada	587543	3808.5
965	East Godavari	Anaparthi	Polamuru	587544	3964.9
966	East Godavari	Anaparthi	Ramavaram	587545	3607.4
967	East Godavari	Biccavolu	Melluru	587539	3466.2
968	East Godavari	Biccavolu	Arikarevula	587538	4047.9
969	East Godavari	Kadlam	Muramanda	587554	4195.3
970	East Godavari	Anaparthi	Pedaparthi	587547	4698.9
971	East Godavari	Anaparthi	Kutukuluru	587546	4623.1
972	East Godavari	Anaparthi	Pulagurtha	587548	4327.8
973	East Godavari	Kadlam	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	Teeparuru	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	Kunalammampadu	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	Gundalammappalem	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	Utlā 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.	Sentinel-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.

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

Satellite Pass Dates	Nellore	East Godavari	West Godavari	Eluru	Konaseema
	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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