

Extent of Area Coverage of Rice and Saline Resistant Rice Varieties in Krishna District of Andhra Pradesh

B Tejasri and B Aparna

Department of Agricultural Economics, Agricultural College, Bapatla, A. P.

ABSTRACT

The Compound Annual Growth Rates for area (CAGR), production and productivity of rice in India, Andhra Pradesh and Krishna district were worked out from period 1990-91 to 2020-21, to get a broader view of present scenario. Later, to know the area under saline resistant rice varieties in Krishna Average Annual Growth Rates (AAGR) were calculated for each variety. The results showed that the compound annual growth rates for area, production and productivity of rice in India were found to be 0.081, 1.486 and 1.403 respectively from the period 1990-91 to 2017-2018. The compound annual growth rates for area, production and productivity of rice in A.P were found to be 0.450, 0.832 and 1.288, respectively from 1990-91 to 2020-21. The compound annual growth rates for area, production and productivity of rice in Krishna district were found to be -1.388, -0.204 and 1.201, respectively from 1990-91 to 2020-21. The negative growth rate of area and production of rice in Krishna district has been addressed by the shifting paradigm of crop cultivation to aquaculture. In Krishna district, the average annual growth rate of area under saline resistant rice varieties viz. MTU- 1061 and MCM-100 were found to be 32.70 and 60.0 respectively during the year 2020-21.

Keywords: *CAGR, AAGR, saline resistant rice varieties and Krishna district.*