

A new paddy variety MDU 6 for Kuruvai season of Cauvery Delta Zone

Background of the Farmer	<p>Th. P.Saravanan Age:36 S/o Th. S.Paramasivam 1/126, Vellalar Street Vadakarai, Keelamanali (Po) Thiruvarur District Mobile: 8124485094</p> <p>Details: Cauvery Delta zone is known for paddy cultivation throughout the year since time immemorial. Almost all farmers' are raising paddy crop either in one or two seasons. He is not exceptional, he is also from paddy cultivating family. After completion of his under graduate in Chemistry, he was worked in a private company for few years. Later he quits his job and involved in farming activities. He is not only interested in cultivating ruling varieties in their locality, and experimenting with newly introduced paddy varieties. He was earlier cultivated newly introduced paddy varieties of ADT 49, ADT 50 and TPS 5 and Co 51 released from TNAU.</p>
Intervention Process	Front line demonstration and participatory seed production of MDU 6 with trainings on various improved technologies and repeated diagnostic visit.
Intervention Technology	ICAR KVK has proposed a front line demonstration on "Demonstration and Participatory Seed Production of new rice variety MDU 6 in Thiruvarur district" with critical input of good quality seeds and bio inputs like <i>Pseudomonas fluorescens</i> , <i>T.chilonis</i> & <i>T.japonicum</i> .
Impact Horizontal Spread	The performance of MDU 6 on SRI method was demonstrated in one acre of land. Technical advice has been given with frequent field visit to the paddy field and mobile advisory support was also provided as and when required.
Impact Economic Gains	<p>MDU 6 is a short duration variety with long slender white rice, which is preferable character of the paddy variety by the farmers and consumers. It is moderately resistant to leaf folder, Stem borer and Green leafhopper. Hence, the cost of plant protection measures was reduced as these pests are of major concern in this area.</p> <p>He has obtained a yield of 5175 kg/ha and earned a net return of Rs. 48675/ ha with BCR of 2.43.</p>
Impact on Employment Generation	He was very thankful to the University for developing new varieties for the economic upliftment of the farming community and the Scientists from ICAR-KVK, Nidadamangalam, Thiruvarur District who helped in conducting this trial. He is creating awareness to farmers about the new variety and seeds were produced as TFL and it will be used in ensuing Kuruvai season.