Dissemination of technology for rice fallow pulse in machine harvested rice fields

Background	Production of pulses and its consumption are important in maintaining food
_	security. They occupy an important place in human diet. Pulses contain higher
	level of vegetable protein compared to any other grains and vegetables. People
	of different income groups in both rural and urban areas consume pulses at
	varying levels to fulfill their nutrition requirements. Cultivation of pulses helps
	to maintain soil fertility through nitrogen fixation. Pulses are also a profitable
	crop for the farmers. They are cultivated in many parts and consumed in all
	parts of the world. Pulses can grow both in rainfed and irrigated conditions. In
	Thiruvarur District, about two lakh ha of pulses is grown. Blackgram is one of
	the important pulses grown in both Kharif and Rabi seasons in Thiruvarur
	district. It accounts for 41.0% of the total area under pulses during the current
	year. Greengram is one of the major pulses widely consumed next to
	Blackgram. It is grown in both Kharif and Rabi seasons. The crop is extensively
	cultivated in Thiruvarur district.
	The major problem in recent years in pulse is due to machine harvest in paddy
	fields which hinders the rice fallow pulse crop.
Intervention	Taking into account of the production of pulses and its consumption, this
Process	Kendra has taken initiative to overcome the problem of machine harvest in
	paddy fields which hinders the rice fallow pulse crop. This Kendra
	disseminated the technology for rice fallow pulse in machine harvested rice
	fields to the farmers of Thiruvarur district.
Intervention	Sowing rice fallow pulse about 4 days prior to harvest of sambha rice
Technology	crop in a waxy soil condition (on appearance of hair line
	cracks)adopting a seed rate of 30 kg ha ⁻¹ and harvesting with chain/belt
	type combine harvester is beneficial for maintaining higher plant
	population (35/m2), yield (806 kg ha-1) and economic returns(BCR of
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