## Adopted Modified Slatted goat floor for profitable farming

Age       40 years         Farmers' address including       P. Ramasamy S/o         PalanisamyJambumadai       PalavisamyJambumadai         Vadavathur village       SenthamangalamTk         NamakkaIDt.Tamil Nadu       Farmer mobile No:9600489858         Education       -         Landholding (ha/acre)       Rainfed: -1         Image: Cops grown       Rainfed: -1         Group       Crops         Onion       2         6 tones/acre       Fodder         Fodder       0.30         3 tones/acre       Sorphum         Groundnut       0.50         Groundnut       0.50         Groundnut       0.50         Groundnut       Interes         Vield 215 kg         Oconut       10 trees         Social       Cow 2         Goat 10       Existing Practice (Description)         Innovation       Convettional pattern (tying under tree or backyard or ordinary sheds) Animals housed in backyard/mud/cement floor         Intervention an ender tree or backyard or ordinary sheds) Animals housed in backyard/mud/cement floor         Viethatch / tiles/ asbestos roof.
Farmers' address including       P. Ramasamy S/o         Farmers' address including       Palanisamy Jambumadai         Vadavathur village       Vadavathur village         SettenhamangalamTk       NamakkalDt.Tamil Nadu         Farmer mobile No:9600489858       Education         Landholding (ha/acre)       Rainfed: -1       Irrigated:2 acre         Crops grown       Crops       Area       Productivity         Onion 2       6 tones/acre       Fodder       0.30       3 tones/acre         Fodder       0.30       3 tones/acre       Sorghum       Introventor         Ocrops grown       Groundnut       pod yield 482       Kg       Vadavathree         Details about livestock (no.)       Cove 2       Goat 10       Sorial       Sorial       Sorial         appreciation/recognitions/Aw       NIL       NIL       NIL       NIL         Crop poduction, natural       Existing Practice (Description)       (improvement over existing)       Slatted Floor Housing (NICRA intervention on cost share basis)         Noticulture, integrated farming systems, etc.)       in backyard/mud/cement floor       Modification over – He modified slatted floor in an innovative way with additional roof to accommodate young ones over the slatted floor in addult under it.
Farmers' address including       PalanisamyJambumadai         Vadavathur village       SenthamangalamTk         NamakkalDt.Tamil Nadu       Farmer mobile No:9600489858         Education       -         Landholding (ha/acre)       Rainfed: -1       Irrigated:2 aree         Crops grown       Crops       Forder       (kg/acre)         Onion       2       6 tones/acre       Fodder         Sorghum       0.30       3 tones/acre       Sorghum         Groundnut       0.50       Groundnut       pod yield 482         kg       Redgram       yield 215 kg       Coconut       10 trees         Coropt grown       Cov 2       Goat 10       Fodiat 10       Innovation         Farming experience (Years)       22 years       Social       Innovation         Artes for his innovation       NIL       NIL       NIL         Details of practice       Existing Practice (Description)       Improvement over existing)       Slatted Floor Housing (NICRA intervention on cost share basis)         Nitwit hatched /tiles/ asbestos roof.       Nodification over - He modified slatted floor in an innovative way with additional roof to acommodate young ones over the slatted floor and adult under it.
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Farmer mobile No:9600489858         Education       -         Landholding (ha/acre)       Rainfed: -1         Image: Regram (acres)       Area (Regram) (Redgram (Nither Sontation))         Groups grown       Groundnut (0.50)         Groundnut Inter (acres)       Groundnut (Redgram (Nither Sontation))         Redgram (Redgram (Nither Redgram (Nither Sontation))       Redgram (Nither Sontation))         Petails about livestock (no.)       Cocout (10 trees (50 nuts/tree (Cow 2))         Social appreciation/recognitions/Aw appreciation/recognitions/Aw appreciation/recognitions/Aw appreciation/recognitions/Aw appreciation/recognitions/Aw appreciation/recognitions/Aw appreciation/recognitions/Aw appreciation, natural resource management, livestock, fisheries, poultry, horticulture, integrated farming systems, etc.)       Existing Practice (Description) (NICRA in backyard/mud/cement floor with thatched /tiles/ asbestos roof.       Innovation (Innovation an innovative way with additional roof to accommodate young ones over the slatted floor in an innovative way with additional roof to accommodate young ones over the slatted floor and adult under it.
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Description of Innovation 1 Slatted goat shed
(Methodology and process) Usually the animals housed in open backyard/ mud floor/cement floor
involved in implementation) with thatched /tiles/ ashestos roof. On cost sharing basis in NICRA
scheme under livestock module he got slatted floor in which the animals
housed 3 to 4 feet above the ground level which has the advantage of
alleviating heat stress in animals and increase the feed conversion ratio
Interestingly the farmer housed the young ones above the slatted floor
I increasingly the further housed the young ones above the stated house

	an effective manner.		
	2. Low cost dairy shed		
	He built low cost dairy shed using locally available sugarcane straw		
	and coconut leaf sheath for dairy animals to withstand heat stress		
	3. Cultivation of mixed fodder:		
	By cultivating mixed fodder he can able to rear the livestock in a		
	balanced ration at low cost.		
	4. Dry fodder storage bank:		
	In his farm, he preserved the dry fodder storage bank by putting		
	aluminium sheet over the fodder.		
	4. Disease prevention strategies		
	Adoption of <b>regular vaccination &amp; deworming</b> of small ruminants		
	5. Feeding		
	Feeding balanced concentrate feed and unconventional feeds such as		
	onion crop residue for better weigh	nt gain and to overcome stress during	
	vagaries of climate change	-	
	6. Clean Milk Production		
	Adopted strategies of by using teat	dip with KMNO4	
	7.Groundnut + Redgram Intercro	opping	
	Under drought condition with av	ailable land resource, intercropping	
	with redgram improves the income	of farmer by getting additional yield	
	of redgram 215 kg.		
Specifications of the		10 to 12 Sa ft per Animal for	
practice		adult and 5-6 for young ones	
(likeseed rate used, spacing	15 Sq. ft. per Animal	addit and 5-6 for young ones	
adopted, quantity applied,			
time of application, etc.)			
Whether innovation is			
original innovation or			
modification of	Modification of recommended technology		
recommended technology			
Practical Utility of	Helps to overcome the heat stress and adverse climatic conditions in		
Innovation	livestock farming		
Utility of the innovation		Since animals kept in raised floor	
from the climate change	Animals will be suffered by heat	they will be free from the adverse	
perspective	and rain. Results in reduction in	effects of climate. Due to this the	
	body weight and mortality rate	productive and reproductive	
	will be more.	performance of animals will be	
		better compared with conventional	
		nousing	
Adoption of the innovation		18 farmers initiated the slatted floor	
by other farmers in the	Started with one farmer	in NICRA village.	
vinage			
Economics of innovation	Farmers practice (Rs/ha/year)	Innovation (Rs/ha/year)	
Crop yields (kg/ha) or	1.5-1.8 kg birth weight	2.0 to 2.25 kg birth weight	

productivity of the systems	9 kg during 6 <sup>th</sup> month age	12 kg at 6 <sup>th</sup> month age(Marketing
as applicable	(Marketing age)	age)
Expenses incurred(Rs/ha/year) <b>Only for goat farming</b>	Non-recurring: Animal Purchase 10 x4000 = Rs. 40,000/- Shed construction 300x 200 = Rs. 60,000/- Instrument purchase = Rs.500 <b>Recurring:</b> feed cost 250g /Day/Animal = 8,100/- Medicine cost = 150/-	Non-recurring: Animal Purchase 10 x4000 = Rs.40,000/- Shed construction Farmer share-10,000/- NICRA scheme- 25,000/- Instrument purchase = Rs.500/- Recurring: feed cost 250g /Day/Animal = 8,100/- Medicine cost = 50/-
Net returns(Rs/ha/year) Only for goat farming	22,500/-	Rs.30,000/-
B:C ratio Only for goat farming	2.7 (only based on recurring)	3.68 (only based on recurring)
Other benefits	-	Free from heat stress and diseases Reduction in maintenance cost
Any special equipment needed	-	
Few Good quality photographs of innovation(High quality JPEG photos with better resolution along with the farmer)	-	
Information for further	KrishiVigyan Kendra Vatarinary College and Research Institute Compus	
Contact:	Nomokkol	
	Ph:04286-266345 266650	

NICRA intervention slatted goat floor with modification



NICRA Coordinator visit



Low cost Dairy shed



Mineral supplementation to dairy calves



Green fodder cultivation and feeding





Preservation of dry fodder



Utilization of small onion crop residue as animal feed by silage making











Adoption of clean milk production practices by using teat dip



Temporary water storage pond for Fish cultivation



## Mixed pulses for incorporation of soil



Groundnut + Redgramintercroping field



Groundnut + Redgramintercroping field - NICRA Coordinator visit



Black gram field

