

## Successful technologies under CFLD (pulses)-2020-21

S.No	Particulars	Details
01	Name and address of KVK	ICAR- Krishi Vigyan Kendra (Hosted by RVS Educational trust) Urmelalagian, Ayikudi (Po) Kadayanallur Taluk, Tenkasi District - 627 852 Tamil Nadu Ph: 04633-292500, 9443962433 E-mail : <a href="mailto:tirunelvelikvk@gmail.com">tirunelvelikvk@gmail.com</a> Website: <a href="http://www.rvskvk.org">www.rvskvk.org</a>
02	Name of crop	Blackgram VBN 8
03	Season	Rabi
04	Name of Technology	ICM in Blackgram
05	Name of district	Tirunelveli
06	Total Area & number of farmers covered	10 ha with 25 farmers
07	Detailed characteristics of the technology demonstrated	<ul style="list-style-type: none"> <li>) Demonstration of Blackgram variety VBN 8 – 8 Kg</li> <li>) Seed treatment and main field application of biofertilizers and bio control agent @ 2.5 kg/ha</li> <li>) Foliar spraying of PPFM @ 1 %</li> <li>) Foliar spraying of TNAU Pulse wonder @ 5 kg/ha</li> <li>) Yellow sticky trap @ 15 Nos./ha</li> <li>) Neem oil @ 2.5 lit/ha</li> </ul>
08	Technical advantage of the technology demonstrated	<ul style="list-style-type: none"> <li>) VBN 8 - Short duration and resistant to Yellow mosaic virus</li> <li>) PPFM - Mitigate drought</li> <li>) Pulse Wonder - Reduce flower shedding and increase yield</li> <li>) IPDM practices - Reduces the pest and disease incidence.</li> </ul>

### 09. Yield advantages over control, state yield, and national yield

Yield of demonstrated technology (q/ha)	Yield of farmers practice (q/ha)	Yield gap (q/ha)		Yield advantage over (%)		
		State Yield (6.26q/ha)	National Yield (5.85q/ha)	Farmers practice	State Yield	National Yield
8.20	7.08	1.94	2.35	15.81	30.99	40.17

10. Economic details of the technologies (cost involved, gross return, net return, and B: C ratio)

Treatment	Cost of cultivation (Rs./ha)	Gross income (Rs. /ha)	Net income (Rs./ha)	B:C ratio
Demo Practice	24200	53300	29100	2.20
Farmers Practice	23400	46020	22620	1.96

Photos



Inputs distribution to the farmers



Diagnostic field visit



Field visit and observe growth parameters



Demonstration of foliar spray of PPFM



Demonstration of foliar spray – Pulse wonder



Demonstration of yellow sticky trap



Field day

Field day and record yield data

Newspaper cuttings