

Details of the
Best **FLDs** conducted
during last year along with
action photographs

2023-24

Title	Demonstration on YMV management in Greengram
No. of Demo. & Area	10 (1.0 ha)
FP	Farmers are applying chloropyriphus during leaf yellowing stage
Demo	Seed treatment with Thiamethoxam 25 WG @ 5g/kg seed followed by installation of yellow sticky trap (YST) 50/ha and spraying of Acetamiprid @ 0.03% twice at 30 days after sowing at 15 days interval for management of YMV in mungbean
Details of technology	Seed treatment with Imidacloprid 600 FS @ 5ml/ kg, placement of yellow sticky traps @ 50 nos./ha, spraying of Azadirachtin 0.15% @ 2 ml/L at 30 DAS and need based spraying of Diafenthiuron 50 WP @ 1 g/L at 45 DAS



Results	% of infestation	No of white flies/plant	Yield (q/ha)	% increase in yield	Cost of Cultivation(Rs/ha)	Net Income (Rs/ha)	B:C Ratio
FP	37	112	4.2	-	14,000	19,600	1.4
RP	5	17	6.8	38	18,500	35,900	1.94

Title	Demonstration on Management of Fall Army Worm in maize
No. of Demo. & Area	10, 1.0 ha
FP	Farmers are applying chloropyriphus+cypermethrin @3ml/lit and application of phorate @ 1kg/acr
Demo	Seed treatment with (cyzapyr + thiomethoxam) @ 6 ml/ kg seed + Installation of bird perches up to 45 DAS + Foliar application of tetraniliprole @ 200 ml/ ha at 30 days after sowing (DAS) + Whorl application and field placement of Poison baits (10 kg rice bran + 2 kg jaggery+ 2-3 l of water+ 100 g thiodicarb) at 45 DAS' minimized the plant and cob damage %.
Details of technology	Seed treatment with (cyzapyr + thiomethoxam) @ 6 ml/ kg seed + Installation of bird perches up to 45 DAS + Foliar application of tetraniliprole @ 200 ml/ ha at 30 days after sowing (DAS) + Whorl application and field placement of Poison baits (10 kg rice bran + 2 kg jaggery+ 2-3 l of water+ 100 g thiodicarb) at 45 DAS' minimized the plant and cob damage %.



RESULTS	Yield (q/ha)	% Change in Yield	No of infested plant / mt2	% of infestation	% of cub infestation	Net Return (Rs.)	B:C
FP	25.5	-	2	40	25	21,250	2.25
RP	35.4	27.8	0	5	7	32,100	2.5

Title	Demonstration on marigold for Income Generation
No. of Demo. & Village	10 , Durgaprasad, Gamharipadar, Palas
FP	Local variety
Demo	Bidhan Marigold-2 Source: BCKV, WB Tested at AICRP floriculture in 2016-17
Details of technology	Cultivation of high yielding variety Bidhan Marigold-2 Spacing (60x45) cm



Results	No.of Flower/Plant	Yield/ha	Gross Cost (Rs./ha)	Gross Return (Rs./ha)	Net Return (Rs./ha)	BC:ratio
FP	40	200 q	1,00,000	2,00,000	1,00,000	2.0
Demo.	79	320 q	1,50,000	4,80,000	3,30,000	3.2