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; g v/; ; u vfxe iDr in"ku dsek/; e I so'kZ 2019&20 ea ukxk] ftyse em Ql y esQyh Nnd dhV dsicdku dsfy, fd;k x; kA bl dhV dsicdku dsfy, b.MkDtkdkcZ 14-5 , I - I h dk eW; kdu fd;k x; kA bl v/; ; u I s Kkr gvk fd in"ku i k] kfxdh dsdkj.k em Ql y mRiknu ea 35-1 ifr"kr dh of) gkrh gA ifr gDVsj em Ql y dk vks r mRiknu cn"ku cks] kfxdh rduhd eafdl ku i) fr dh nyuk eavf/kd iklr gvk tksfd 6-35 fDoW/y@gDVsj FkkA ; gh mit fdl ku i) fr ea 4-7 fDoW/y@gDVsj jghA cn"ku cks] kfxdh ea"ko ykHk 21]667 : i ; sifr gDVsj rFkk fdl ku i) fr ea 12]285 : i ; sifr gDVsj iklr gvkA ykxr ykHk vuq kr Hkh cn"ku cks] kfxdh ea o'kZ 2019&20 ea 1% - 93 iklr gvkA fdl ku i) fr eaykxr ykHk vuq kr o'kZ 2019&20 ea 1% - 58 FkkA

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Evaluation of Indoxacarb 14.5 SC against Green Gram Pod Borer, *Helicoverpa armigera* (Hubner) Management through Front Line Demonstrations

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ABSTRACT

Front Line Demonstration on foliar application of broad spectrum insecticide Indoxacarb 14.5 SC for control of pod borer, *Helicoverpa armigera* in green gram was conducted on farmers field in Nagaur district during 2019-20. Through the demonstration of the technology, 35.1% increase in green gram production has been observed with the production of 6.35 q/ha as compared to farmer's practice (4.7 q/ha). Under demonstrated practices farmer were advised to alternate spray of the given insecticide on appropriate time. Under demonstrated practices, farmers got maximum net return of 21,667 Rs./ha, whereas, it was 12,285 Rs./ha in farmer's practices.

Key words: Front line demonstration, Green gram, Indoxacarb 14.5 SC, Pod borer.

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cLrkfor fd; k x; k gSftl eafd vfxe i d r in"ku ds
ek /; e l scgrj rduhd dk cHkko eak Ql y mRiknu ea
Kkr fd; k tk l dA

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eab. Mk d tkdkcZ 14-5 , l - l h - dk eak Ql y ea Qyh Nnd
dhV ds fo#) eW; kdu fd; k x; ka bl v /; ; u ea nks
mi pkj dh ryuk dh xbZ rFkk Qyh Nnd dk cdk i n[kk
x; ka -f'k foKku dhae] ukxkj-II }kjk c n f " k r dh xbZ e[;
rduhdafuEukuq kj g&

1. Spray of Indoxacarb @ 250 ml /ha ¼ nf"kr rduhdh½
2. Spray of Monocrotophos @ 1 lit. /ha ¼ d l ku i) fr ½

-f'k foKku dæ }kjk c n f " k r , oacrk bZxbZ rduhdæ

- mPp xqkoUkk ; eä cht ¼ th - , - , e- & 5½ dk mi ; ks djus
dh fl Qkfj "k djuka
- Qyh Nnd dhV dsfy, fQjkeku V i o l æ /kr nokb; ka
dh fl Qkfj "k djuka

➤ jkbt k f c ; e thok. kq l d /kz l scht mi pkj dh fl Qkfj "k
djuka

➤ i h , l - ch - l d /kz l scht mi pkj dh fl Qkfj "k djuka

fdl kuka }kjk viuk bZ tkusokyh rduhdæ

➤ i j k u k v k s fuEu xqkoUkk ; eä cht dk mi ; ks djuka

➤ cht k i p k j dh tkudkj h u gksuka

➤ jkbt k f c ; e v k s i h , l - ch - thok. kq l d /kz l scht mi pkj
u djuka

➤ dhV , oafcekfj ; ka dh tkudkj h ughagksuk rFkk budh
jkdFkke dsfy, vl æ /kr nokbZ dk mi ; ks djuka

i f j . k e , oafoopuk

-f'k foKku dhae] ukxkj-II }kjk o'kz 2019&20 eafd, x,
v /; ; u l sirk pyk dh vfxe i d r in"ku dsek /; e l s
mi pkj u e j 1 ¼ d l ku i) fr ½ ea dhV dk i z d k i 40
cfr"kr Fkka oghabl dsfoijhr mi pkj u e j 2 eabl dhV
dk cdk i 10 cfr"kr Fkka c n f " k r rduhd dk cHkko eak
dh mi t eafn [kk bZ fn; k ft l eafd eak dh v k s r mi t
Øe" k % 6-35 fD@ gDV s j Fkha Qyh Nnd dhV dk mi pkj
u e j 1 ea vf/kd cdk i gksus ds dkj.k eak dh mi t ea
T; knk fxjkoV g b Z t k s dh 4-7 fD@ gDV s j Fkha c n f " k r
rduhd ea fdl ku i) fr ds foijhr eak dh mi t ea
cfr"kr of) Øe" k % 35-1 cfr"kr n[kh xba jkuh o vl;
2018 usHkh i k; k dh Qyh Nnd dhV dk fu; æ . k d j u s d s
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vl; ½ 2017½ ds vuq kj b. Mk d tkdkcZ 14-5 , l l h l s Qyh
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ea cgr gh ykHknk; d fl) g b Z gA vkfFkd fo"ysk.k ds
v /; ; u ds vk/kkj i j ; g Kkr g y k dh fdl ku i) fr l s
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l e r y ; gh [krh dh y k x r ½ 3100 # i ; @ gDV s j ½ v k b Z
rFkk bl ds foijhr c n f " k r rduhd ea fdl ku dh [krh
d j u s dh y k x r cfr gDV s j Øe" k % : i ; s 20850 cfr
gDV s j Fkha c n f " k r rduhd ea fdl ku dk d y l d y
y k H k cfr gDV s j Øe" k % : i ; s 44767 Fkka ; gh l d y y k H k
fdl ku i) fr ea : i ; s 33135 cfr gDV s j Fkka Indoxacarb
14.5 sc ds cHkko ds dkj.k Qyh Nnd dhV dk cdk i
c n f " k r rduhd ea cgr gh de gksus ds dkj.k cfr gDV s j
"k q y k H k eac<krjh g b Z t k s fd Øe" k % : i ; s 21667 Fkka
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y k H k # i ; s 12285 cfr gDV s j c k l r g y k t k s fd c n f " k r

