



हर कदम, हर डगर
किसानों का हमसफर
भारतीय कृषि अनुसंधान परिषद

Agriseach with a human touch

~f" k fokku dsUnz] iwf.kZ;kMa



oSKkfud lykgdkj lfefr
dh 15 oha cSBd

fnukad %& 24-06-2023



fcgkj ~f" k fo' ofo[ky;] lckSj
Hkkxyiqj & 813210

fo"K; &lwph

dze la[;k	fo"K;	i`"B la[;k
1	fiNys oSKkfud lykgdkj lfefr dh cSBd dk dk;Zokgh izfrosnu	04
2	ifjp;	04
3	dsUnz ds dk;Z	05
4	izkFkfedrk vk/kkfjr dk;Z{ks= ¼FkzLV ,fj;k½	05
5	HkkSfrd ¼Hkou] okgu½ lajpuk	06
6	oSKkfudksa ,oa deZpkfj;ksa dh v ru fLFkfr	06
7	iwf.kZ;kWa ftyk dk HkkSxksfyd fooj.k	07&09
8	vU; laLFkkyksa ls leUo;	09
9	d`f"K foKku dsUnz dh eqyHkwr leL;k;sa	10
10	izxfr izfrosnu ¼ tqykbZ 2022&ebZ 2023½	10&18
11	izf"K{k.k	10
12	fc0dkS0fo0fe0 izk;ksfr ,oa vU; izk;ksfr izf"K{k.k dk;Zdze	11
13	Lkewg vfxze iafDr izR;{k.k	11
14	vfxze iafDr izR;{k.k	12
15	iz{ks= ijh{k.k	11&13
16	iz{ks= cht mRiknu	13
17	pdzh; [kkrk dh fLFkfr	13
18	vU; izlkj xfrfof/k;kWa	14
19	vuqlwfpr tutkfr mi;kstuk	15
20	Tkyok;q vuqdqy d`f"K dk;Zdze	16&17
21	izkd`frd [ksrh dk;Zdze	18
22	okf"KZd dk;Z;kstuk ¼ vizSy 2023& ekpZ 2024½	19&21
23	izf"K{k.k dk;Zdze	19
24	iz{ks= ijh{k.k	20
25	vfxze iafDr izR;{k.k	21

26	vU; izlkj xfrfof/k;kWa	21
27	iz{ks= cht mRiknu	21

—f"K foKku dsUnz] iwF.kZ;kWa
oSKkfud lykgdkj lfeFr dh iUnzgoha cSBd
fnukad % 24-06-2023

le;	dk;Zøe	vfHk;qfDr
10%00 & 11%00 cts	fuca/ku	
11%00 & 11%30	vkxr vfrfFk;ksa dk lEeku ,oa Lokxr vfHkHkk"K.k	Ñf"K foKku dsUnz] iwF.kZ;kWa
11%30 & 11%45	nhi ÁTtofyr dj mn?kkVu	vfrfFkx.k
11%45 & 12%00	dk;Zøe lEcks/ku	
12%00 & 12&30	pk; @vYikgkj vodk'K	
12%30 & 01%30	dsUnz dk Áxfr Áfrosnu ÁLrqfr	ojh; oSKkfud ,oa ç/kku Ñf"K foKku dsUnz] iwF.kZ;kWa
01%30 & 02%00	ekuuh; fdlku Áfrfuf/k;ksa ds fopkj	ekuuh; —"kd lnL; earO; ,oa rduhdh foe'kZ
02%00 & 02%30	vfrfFk;ksa ls fopkj&foe'kZ	
02%30 & 02%45	inkf/kdkfj;ksa ds mn~cks/ku	
02%45 & 03%30	Hkkstukodk'K	

03%30 & 03%45	mn~cks/ku	funs'kd] vVkj] iVuk] tksu – IV
03%45 & 04%00	mn~cks/ku	funs'kd Álkj f'k{kk] fcgkj —f'k fo'ofoky;] lckSj
04%00 & 04%30	v/;{kh; Hkk"K.k	eku~uh; dqyifr] fcgkj d`f'k fo'ofoky;] lckSj
04%30 & 05%00	/kU;okn Kkiu	

1- oSKkfud lykgdkj lfeFr dh pkSngoha cSBd 23-06-2022 dk vuqikyU Áfrosnu

dze la0	lq>ko	VuqikyU
1	xsagwWa ds ck;ksQksfVZQkbM izHksnksa dk izR;{k.k fd;k tk; A	xsgwWa ds ch0 ,p0 ;q0 25 ,oa ch0 ,p0 ;q0 31 izHksnksa dk izR;{k.k fdlkuxsa ds chp fd;k x;k gS A
2	eDdk ,oa e[kkuk mRikndksa ds {ks= foLrkj gsrq d`f'k foKku dsUnz ,oa Hkks0ik0'kk0d`0 egkfo/kky; iwf.kZ;kW ads }kjk fdlkuxsa dks rduhdh lg;ksx iznku djuk pkfg, A	Tkyok;q vuqdy d`f'k dk;Zdze ,oa e[kkuk fodkl ;kstukk ds ek;/e ls Hkks0ik0'kk0d`0 egkfo/kky; iwf.kZ;kW ads lg;ksx ls eDdk ,oa e[kkuk mRiknd d`"kdkksa dks izksRlkfgr fd;k x;k gSa A
3	dks'kh {ks= ds d`"kdkksa ds vfrfjDr vk; gsrq ckWal ¼gjk lksuk½ ds mRiknu dks c<+kok nsuk pkfg, A	fofHkUu izf'k{k.k ,oa tkx:drk dk;Zdzeks ds ek;/e ls dks'kh {ks= esa ckWal ¼gjk lksuk½ ds mRiknu gsrq d`"kdkksa dks izksRlkfgr fd;k tk jgk gS A

4	d`f`k foKku dsUnz] iwf.kZ;kWa }kjk lapkfyr fofHkUu ifj;kstukvksa dk de &ls &de ,d o`kZ rd vuqlj.k fd;k tkuk pkfg, ftlls bu bu ifj;kstukvksa dk izHkko fdluksa ds chp T;kkn le; rd cuk jgs A	dsUnz] }kjk lapkfyr fofHkUu ifj;kstukvksa dk fujarj vuqlj.k fd;k tk jgk gS A
5	d`"kdksa ds Lokyacu gsrq e`k:e mRiknu dks vfxze iafDr izR;{k.k ds ek;/e ls yksdfiz; fd;k tkuk pkfg, A	e`k:e mRiknu dk vfxze iafDr izR;{k.k 25 vkfnoklh efgyk d`"kdksa ds chp fd;k x;k gS A lkFk gha dsUnz ij e`k:e LikWu dk mRiknu dj d`"kdksa ds chp e`k:e mRiknu dks c<+kok fn;k tk jgk gS A
6	d`f`k foKku dsUnz ds iz{ks= esa izkd`frd [ksrh dk izn`kZu bdkbZ dk fuekZ.k fd;k tkuk pkfg, A	d`f`k foKku dsUnz] iwf.kZ;kWa ds iz{ks= esa izkd`frd [ksrh izn`kZu bdkbZ dk fuekZ.k fd;k x;k gS A
7	ftyk Lrjh; d`f`k VklD QkslZ dh fefVax esa eDdk mRikndksa fy, jklk;fud moZjdksa dh deh dh leL;k dk fopkj&foe`kZ fd;k tkuk pkfg, A	fujarj fopkj&foe`kZ fd;k x;k gS ,oa lkFkZd ifj.kke Hkh fey jgk gS A
8	funs`kd] vVkjH iVuk }kjk funsZf`kr fd;k x;k fd NksVs e/kq mRiknd d`"kdksa gsrq dsUnz esa e/kq izlaLdj.k bdkbZ dh LFkkiuk gksuh pkfg, A	bUQzkULV ^a Dpj ,oa lacaf/kr oSKkfud ds vHkko esa e/kq izlaLdj.k dka dk;Z orZeku esa laHko izfrr ugha gksrk gS A

2- ifjp; %&

d`f`k foKku dsUnz tykyx<+] iwf.kZ;kW dh LFkkiuk Lohd`fr vkns`k la[k&136@vkj0,0;w0¼,DIVsalu½ fnukad 29-10-2003 ds rgr o`kZ 2004 esa {ks=h; vuqla/kku midsUnz tykyx<+] iwf.kZ;kW ds iflj @ Hkou esa gqbZ FkhA fnukaad 03-09-2018 ls ;g vius iz`kklfud Hkou esa dk;Zjr gS A ;g dsUnz Hkkjrh; d`f`k vuqla/kku ifj`kn] ubZ fnYyh }kjk 'kr&Áfr`kr for iksf`kr ,oa fcgkj d`f`k fo'ofokj;] lckSj Hkkxyiqj }kjk lapkfyr **ftys ds d`f`k ,oa d`f`k ls lacaf/kr fo/kkvksa esa rduhdh vkdyu ,oa ÁR;{k.k ds fy, vuqç;ksx rFkk {kerk fodkl dh vxz.kh laLFkk gSA** ;g dsUnz d`f`k ,oa vU; lao) {ks=ksa vk/kkfjr fofHkUu leL;kvksa ij rduhdh vkdyu ,oa ÁR;{k.k dk;ksZa ds fy, Hkksyk ikloku 'kkL=h d`f`k egkfo[ky; iwf.kZ;kWa] ,oa {ks=h; vuqla/kku midsUnz] tykyx<+] iwf.kZ;kWa lax ftys esa Ñf`k ds fodkl gsrq lefiZr laLFkku gSA Ñf`k foKku dsUnz] iwf.kZ;kWa dks'kh {ks= ds iwf.kZ;kWa ftyk vUrxZr eq[ky; ls 20 fdyksehvj mÜkj] iwf.kZ;kWa & vfj;k jk"V^{ah}; jktekxZ esa {ks=h; vuqla/kku midsUnz] tykyx<+] iz{ks= esa vofLFkr gSA ;g dsUnz] mÜkj iwohZ fcgkj ds dks'kh tksu ds nkseV feV~Vh okys Hkw&Hkkx ij orZeku esa fLFkr gSA ;g dsUnz 87⁰53[^]67^{^^} iwoZ ns'kkarj rFkk 25⁰95[^]53^{^^} mŸkj v{kka`k ij leqnzry ls 118 QhV dh m;pkbZ ij fLFkr gSA

;gkWa dh feV~Vh] izeq[k ufn;kWa egkuank vkSj dks'kh ds dkj.k cyqbZ nkseV ,oa tyks<+ xq.k okyh gS A uhps ds {ks=ksa esa cyqbZ nkseV feV~Vh ikbZ tkrh gS A mijh {ks=ksa esa lw[e iks`kd rRo tSlS tLrk] xa/kd] cksjksu dh izk;% deh ikbZ tkrh gS A

{ks= esa ÁWaph Hkwfe okys rhu vyx&vyx [ksrh dh fLFkfr;kWa gS tks Qly i)fr dk fu/kkZj.k djrh gS A bl fLFkfr dk ykHk fy;k tk jgk gS A xgjs ikuh okys {ks=ksa ¼pkSj vkSj rky½ vkSj dks'kh ,oa egkuank dh fn;kjk {ks=ksa esa mi;qDr Qly i)fr viuk;k tk jgk gS A bl ftys ds fupys {ks=ksa esa igys ls gha cksjks /kku dh [ksrh dh tk jgh gS A mi;qDr fdLe ,oa mi;ksxh izkS/ksfxdh ij{k.k fd;k tk jgk gS A izf`k{k.k vkSj izR;{k.k ds

}kjk e[kkuk ,oa dsys dh [ksrh dk yksdfiz; fd;k tk jgk gS vkSj fodflr mUur rdfudksa dks viuk; tk jgk gS A

d`f"k foKku dsUnz tykyx<+] iwf.kZ;kW a dh dqy Hkwfe ¼gs0 esa½& 21-11 gs0

dze la0	Ekn	{ks0 ¼gs0½
1	Hkouksa ds rgr	2-00
2	izn`kZu bdkb;ksa ds rgr	0-60
3	Qlyksa ds rgr	9-00
4	ckxokuh @ d`f"k okfudh	6-00
5	vU; ¼jsr½	3-51
Dqy		21-11

3- dsUnz ds dk;Z %

- 1- —f"k ,oa laEcfU/kr {ks=ksa esa —f"k rduhdh ds ewY;kadu gsrq iz{ks= ijh{k.k fdlkuksa ds [ksr ij djuk rkfd LFkkuh; Lrj ij fdlkuksa dh fof`k"V leL;kvksa dk lek/kku fd;k tk ldsA
- 2- fofHkUu Qlyksa ,oa —f"k fo/kkvks ij vfxze iafDr ÁR;{k.k dk vk;kstu —f"k rduhd ds Ápkj ,oa Álkj gsrq djukA
- 3- dsUnz ,oa dsUnz ds ckgj —"kdksa] —"kd efgykvksa] xzkeh.kksa] ;godksa@;qofr;ksa dks d`f"k tfur jkstxkjsUeq[kh vYi ,oa nh?kZdkyhu O;olkf;d Áf`k{k.k dk;ZØeksa dks vk;kstu djuk rkfd iSnkokj esa c<+ksÙkj ds lkFk&lkFk Lojgstxkj c<+k;k tk ldsA
- 4- —"kdks ,oa çlkj dfeZ;ksa ds fy, {kerk fodkl djuk rkfd mudks vk/kqfud —f"k rduhdh ls Kkuo)Zu ,oa n{k dj;k tk ldsA
- 5- —f"k foKku dsUæ —f"k rduhd dk Kku ,oa lalk/ku dk dsUæ ds :i esa dk;Z djs rkfd ftys dh Ñf`k vFkZo;oLFkk lqO;ofLFkr gksA
- 6- lqpuK ,oa lapkj rduhd ds ek;/e ls —f"k lykg lsok dh lqfo/kk fdlkuks rd igqpk,A
- 7- fofHkUu —f"k fo|kvksa ds vkadM+ksa dk laxzg.k] fo'kys"k.k ,oa lkefjd ;kstukA

4- ÁkFkfedrk vk/kkfjr dk;Z {ks= ¼FkzLV ,fj;k½

- ❖ [kk|ku] nygu] frygu dh mRikndrk esa lq/kkj A
- ❖ m|kfud Qlyksa ;Fkk dsys ,oa e[kkuk dh mRikndrk dks c<+kuk A
- ❖ xq.koRrk okys cht mRiknu ,oa xzkQ~V&xqVh dk;ZØe dks c<+kuk A

- ❖ e'k:e mRiknu] oehZ dEiksfLVax] Qy lkfCt;ksa ds ifjj{k.k ,oa ewY; lao)Zu A
- ❖ fVdkm [ksrh gsrq ,dhd`r iks"kd izca/ku ,oa dhV&O;kf/k izca/ku dk vfHkxzg.k A
- ❖ Ms;jh lk'kqvksa dh mRikndrk esa o`f)A
- ❖ ftys esa izkd`frd [ksrh dh tkx:drk dk;Zdze A

5- HkkSfrd lajpuk %

$\frac{1}{4}$ d $\frac{1}{2}$ Hkou %

dze la[;k	Hkouksa dk uke	foÜkiks"k.k	fLFkrh
1	iz'kkluhd Hkou	Hkk0d`0vuq0i0	miyC/k
2	fdlku Nk=kokl	Hkk0d`0vuq0i0	miyC/k
3	LVkQ DokVZj $\frac{1}{4}$ 5 $\frac{1}{2}$	Hkk0d`0vuq0i0	$\frac{1}{4}$ 1 ojh; oSKkfud ,oa iz/kku vkokl] 2 oSKkfud vkokl vkSj 2 prqFkZ oxhZ; deZpkjh vkokl $\frac{1}{2}$
4	izn'kZu bdbk;kWa	&	vkBZ0,Q0,I0 ekWMy izkd`frd [ksrh EkkWMy oehZ dEiksfLV ;wfuV
5	Pkgkjfnokjh	Hkk0d`0vuq0i0	v/kwjk
6	[kfygku	Hkk0d`0vuq0i0	miyC/k
7	QkeZ xksnke	Hkk0d`0vuq0i0	miyC/k

$\frac{1}{4}$ [k $\frac{1}{2}$ Okkgu %

Okkgu	dz; dk o"kZ	Ykkxr (:0)	dqy fd0eh0 @ dqy ÄaVk $\frac{1}{4}$ 31 ekpZ 2023 dks $\frac{1}{2}$	orZeku fLFkfr
cksysjks (BR 11PA7137)	2017-18	674299.00	148698 fd0eh0	mi;ksxh
V ^a SDVj (BR-11D1518)	2004-05	499987.00	6599 ÄaVk	mi;ksxh
eksVj lkbfdy (BR-11U8334)	2015-16	50250.00	12111 fd0eh0	mi;ksxh
eksVj lkbfdy (BR-11U8340)	2015-16	50250.00	15947 fd0eh0	mi;ksxh

6- oSKkfudksa ,oa deZpkfj;ksa dh v|ru fLFkfr

Øñ lañ	Ukke	inuke ,oa ladk;	Oksrueku	;ksxnku dh frfFk
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d-	oSKkfud			
1	Mk0 ds0 ,e0 flag	ojh; oSKkfud ,oa ç/kku	ysoy 13 A @ 152300	09-05- 2023
2	MkW0 xksfoUn dqekj	fo0o0fo0 ¼'k";½	ysoy 10 @ 95300	12-09- 2018
3	MkW0 laxhrk esgrk	fo0o0fo0 ¼m ku½	ysoy 10 @ 82400	14-06- 2023
4	n;kfuf/k pkScs	fo0o0fo0 ¼xzk0 d`0 ekS0 ls0½	:0 70000@&	21-06- 2019
[k-	deZpkjh			
1-	Jh lat; dqekj	lgk;d	ysoy 6 @ 44900	25-04- 2013
2-	Jh vftr pkS/kjh	lgk;d ¼laX.kd½	ysoy 6 @ 44900	22-05- 2013
3-	Jh lrh'k dqekj	Pkkyd	ysoy 3 @ 26800	09-05- 2015
4-	Jh lq'khy dqekj	Pkkyd	ysoy 3 @ 26800	11-05- 2015

7- iwf.kZ;kWa ftyk % ,d >yd



¼d½ HkkSxksfyd fLFkfr %

Ø- la-	HkkSxksfyd fLFkfr	fooj.kh
1	ns'kkUrj	ns'kakrj & 87 °12'E 88 °5'E
2	v{kka'k	v{kak'k & 25 ° 13'N 25°54'N
3	leqnz ry ls Å¡pkbZ	118 QhV
4	vkSlr o"kkZ	1478 fe0eh0
5	HkkSxksfyd {ks=	3138183 gs0
6	d`f'k ;ksX; {ks=	320200 gs0
7	catj Hkwfe	12329 gs0
8	ijrh orZeku	101940 gs0
9	ou {ks=	313 gs0
10	flapkbZ dh fLFkfr	
	okLrfod flafpr {ks=	112247-82 gs0
	vU; {ks=ksa	19959-39 gs0
	dqy flapkbZ {ks=	204317-31 gs0
14	vuqeaMyksa dh la[;k	4
15	ç[kaMksa dh la[;k	14
16	iapk;rksa dh la[;k	272
17	jktLo xk;oksa dh la[;k	1226

$\frac{1}{4}[k^{\frac{1}{2}} \text{ tula[;k ,oa lkz'kkl u}$

tula[;k	3264619
iq:"k	1699370
L=h	1565249
xzkeh.k	2921614
'kgjh	343005
tul[;k ?kuRo	1000@fdeh0 ²
lk{kjrk	72-74 %
iq:"k	61-09 %
L=h	43-19 %
fyax vuqikr	930 efgyk @1000 iq:"k

$\frac{1}{4}x^{\frac{1}{2}} \text{ —f" k tyok;q \{ks= dk fooj.k \%}$

—f" k ty ok;q \{ks=	%	ukFkZ bZLV ,yqfo;y lery \{ks=
vkSlr o"kkZikr	%	1478 fe0eh0
vkSlr vf/kdre rkieku	%	40-1° IsfYl;l
vkSlr U;wure rkieku	%	4-4° IsfYl;l
lkisf{kd vknzrkZ	%	57&75 %
e`nk	%	
ih0 ,p0	%	6-3&7-8
dkcZfud iznkFkZ $\frac{1}{4}\%^{\frac{1}{2}}$	%	0-2&4-0
miyC/k ukbZV ^{ak} stu	%	200&250
miyC/k LQwj	%	10&100
miyC/k iksVk'k	%	200 $\frac{1}{4}$ 150&300)

$\frac{1}{4}?k^{\frac{1}{2}} \text{ Qly vkPNknu] mRiknu ,oa mRikndrk \%}$

Øñ lañ	Qly	jdck $\frac{1}{4}$ gsñ $\frac{1}{2}$	mRiknu $\frac{1}{4}$ MT $\frac{1}{2}$	mRikndrk $\frac{1}{4}$ fdyksxzke@gsñ $\frac{1}{2}$
1-	/kku	49198	79403	1614
2-	xsgwı	11953	38907	3255
3-	eDdk $\frac{1}{4}$ jch $\frac{1}{2}$	47464	439944	9269
	eDdk $\frac{1}{4}$ [kjhQ $\frac{1}{2}$	1054	2029	1925
4	ljksa	380	308	811
5	rhlh	17	14	847
6	lw;Zeq[kh	13	19	1462
7	Eklwj	443	191	431
8	eVj	10	10	1032
9	xjek ewıx	443	250	565

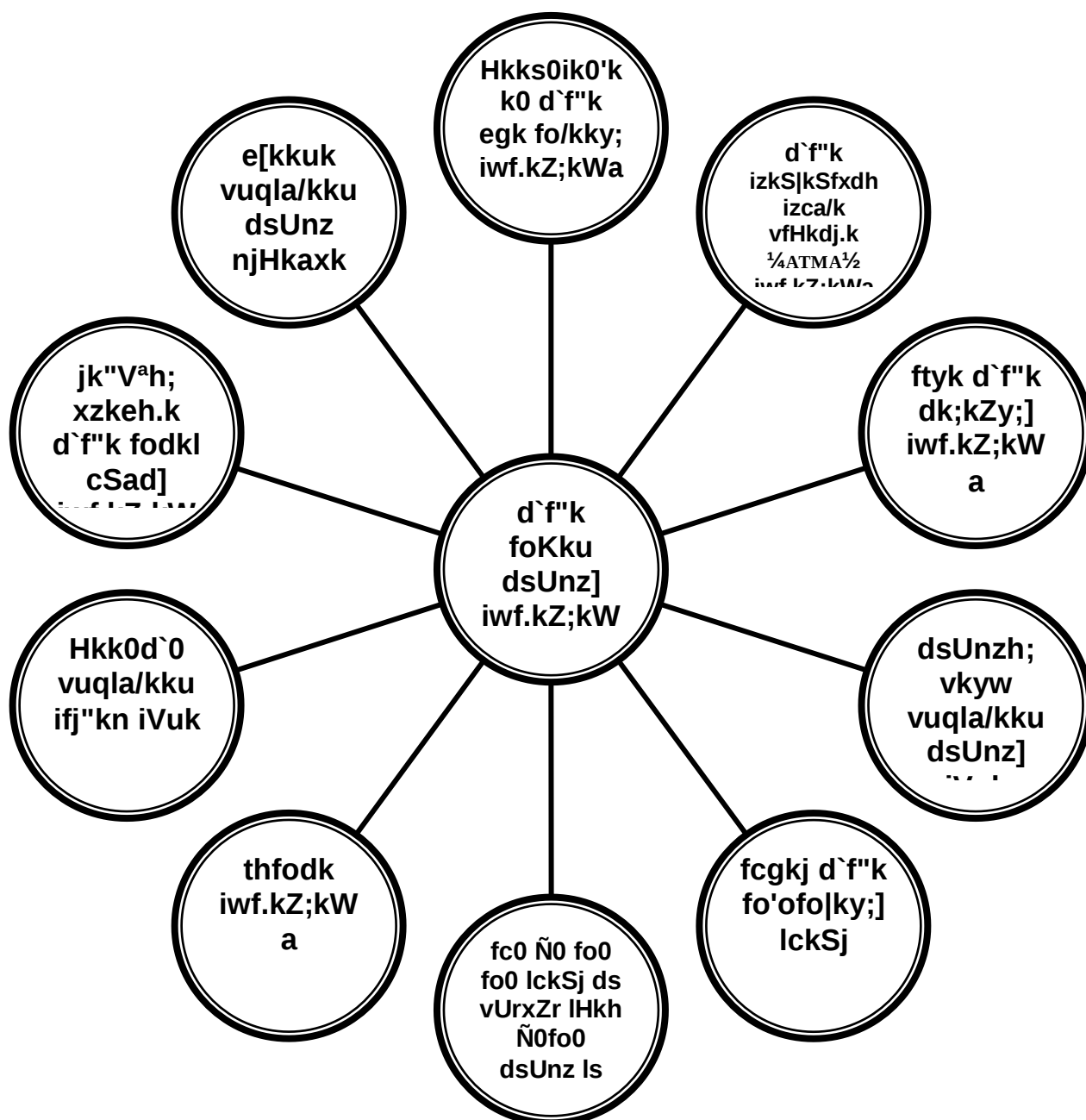
* L=ksr % lkaf[;dh ,oa lgdkfjrk funs'kky;] iVuk

$\frac{1}{4}M - \frac{1}{2} i'kqiky u \%$

Ik'kq fooj.kh	Lka[;k $\frac{1}{4}gtkj\frac{1}{2}$
xk; $\frac{1}{4}LFkkuh$; uLy $\frac{1}{2}$	75500
xk; $\frac{1}{4}ladj$ uLy $\frac{1}{2}$	61000
HkSal $\frac{1}{4}LFkkuh$; uLy $\frac{1}{2}$	243000
Ckdjh	1371280
HksM+	2096
eqxhZ $\frac{1}{4}O;olkf;d$ uLy $\frac{1}{2}$	166370
eqxhZ $\frac{1}{4}cSd$;kMZ $\frac{1}{2}$	439280

* L=ksr % 20okWa Ik'kq x.kuk

8- vU; laLFkkvksa ls leUo; %&



9- —f"K foKku dsUnz dh eqyHkwr leL;k;sa %

- dsUnz ds fo"K; oLrq fo'ks"Kkksa ds fjDr inksa ¼04½] iz{ks= izca/kd ¼01½] dk;Zdze lgk;d ySc Vsd0 ¼01½] LVsuksxzkQj ¼01½] ij fu;qfä dh tk; A
- Ñf"K foKku dsUnz] iwF.kZ;kWa dk dk;kZy; ,oa iz{ks= dh pkjnhokjh dk fuek.kZ dj;k tk; rkfd tkuojksa ,oa vlekftd rRoksa ds ÁHkko ls lqjf{kr gks ldsA
- dsUnz ds okgu] V^aSDVj ,oa eksVj lkbZfdy ,oa vU; d`f"K vkStkj dks lqjf{kr j[kus gsrq xSjst dk fuekZ.k fd;k tk;A
- dsUnz ij fcgkj ljdkj dk ,d {kfrxzLr xksnke can gS ftls gVkus gsrq ekxZn'kZu fn;k tk; A
- dsUnz ds oSKkfudkas ,oa deZpkfj;ksa dh lkoF/kd izksUufr djus dh d`ik dh tk; A
- dsUnz ij oSKkfudkas ,oa deZpkfj;ksa dh vkoklh; lqfo/kk c<+kus dh vko';drk gS A

10- miyfC/k % tqykbZ 2022 ls ebZ 2023 rd

¼I½ Áf"K{k.k %

¼d½ —"kdkSa ds fy, %

dZe la[; k	ladk;	fo"K;K sa dh la[;k	IzKf'K{k.kkFkZ;ksa dh la[;k						
			vU;		v0 tk0 @ v0t0tk0		;ksx		
			iq0	e0	iq0	e0	iq0	e0	;ks x
1	'K"; foHkkx	28	622	118	121	77	743	195	938
2	ikni laj{k.k	4	26	56	12	14	38	70	108
3	xzk0d`0ekS0 lsok	20	399	106	115	66	514	172	686
Dqy		52	1047	280	248	157	1295	437	1732

¼[k½ xzkeh.k ;qod@;qofr;ksa ds fy, %

fo"K;d {ks=	fo"K ;ksa dh la[;k	IzKf'K{k.kkFkZ;ksa dh la[;k						
		vU;		v0 tk0 @ v0t0tk0		;ksx		
		iq0	e0	iq0	e0	iq0	e0	;ks x
e/kqeD[kh ikyu	2	28	25	8	5	36	30	66
e'K:e mRiknu	1	13	8	4	5	17	13	30
Qly cht mRiknu	1	15	11	4	5	19	16	35
Dqy	4	56	44	16	15	72	59	131

¼x½ Álkj dk;ZdÜkkZvksa ds fy, %

fo"K;d {ks=	fo"K;k sa dh la;K	Izkf'k{k.k.kkfFkZ;ksa dh la;K						
		vU;		v0 tk0 @ v0t0tk0		;ksx		
		iq0	e0	iq0	e0	iq0	e0	;ks x
,dhd`r iks"k.k izca/ku	2	61	4	3	2	64	6	70
mRikndrk o`f)	2	120	35	0	0	12 0	35	155
[kj&irokj izca/ku	1	70	0	0	0	70	0	70
jch Qly mRiknu	1	36	4	0	0	36	4	40
lalk/ku laj{k.k	1	2	0	13	12	15	12	27
iks"k.k okfVdk dh LFkkiuk	1	30	6	0	0	30	6	36
e`nk LokLF; izca/ku	1	280	25	0	0	28 0	25	305
cSd;kMZ feysV mRiknu	1	280	25	0	0	28 0	25	305
vU;	1	3	3			3	3	6
dqy	11	882	102	16	14	89 8	11 6	101 4

$\frac{1}{4} ? k \frac{1}{2}$ fcgkj dkS'ky fodkl fe'ku Ák;ksftr izf'k{k.k dk;ZØe %

Ø ñ la ñ	izf'k{k.k dk;ZØe	lkzk;ksftr laLFkku	ykHkkfFkZ;ksa dh la[;k						dqy ;ks x
			vU;		vuq0 tk0 @ vuq0 t0 tk0		;ksx		
			iqñ	L= h	lqkñ	L= h	iqñ	L= h	
1	Ek'k:e mRiknu	fc0dkS0fo0fe0 MkseSu	13	8	4	5	17	13	30
2	Ek/kqeD[kh ikyu	fc0dkS0fo0fe0 vkj0 ih0 ,y0	12	13	2	3	14	16	30

$\frac{1}{4} p \frac{1}{2}$ avU; izk;ksftr izf'k{k.k dk;Zdze %

fnuka d	fo"K;	izk;kstd	fo"K;k sa dh la;K	izfrHkkfx;ksa dh la;K						
				vU;		v0 tk0 @ v0 t0tk0		;ksx		
				iq0	e0	iq0	e0	iq0	e0	;ks x
17- 08-22	/kku esa uSuks ;wfj;k dk iz;ksx	vkRek iwf.kZ;kW a	1	32	8	5	2	37	10	47
20- 08-22	Mh0,l0vkj0 /kku esa ty izca/ku	vkRek iwf.kZ;kW a	1	31	7	5	3	36	10	46

17-09-22	iks"k.k okfVdk ,oa ok;ks QksfVZQkbM izHksn	bQdks iwf.kZ;kW a	1	73	22	8	3	81	25	106
22-10-22	jch eDdk ,oa xsagwWa mRiknu rduhd	vkRek iwf.kZ;kW a	1	157	28	0	0	157	28	185
08-11-22	ikWidkWuZ mRiknu	vkRek iwf.kZ;kW a	1	175	50	0	0	175	50	225
10-11-22	fiNkr xsagwWa mriknu	vkRek iwf.kZ;kW a	1	80	11	0	0	80	11	91
19-11-22	eDdk mRiknu	vkRek iwf.kZ;kW a	1	400	150	0	0	400	150	550
04&13-02-2023	jch vfHk;ku	vkRek iwf.kZ;kW a	5	283	48	35	16	318	64	382
06-03-23	twV dh oSKkfud [ksrh	,u0,l0lh0 iwf.kZ;kW a	1	68	2	4	0	72	2	74
22-03-23	xehZ esa feysV Qly mRiknu	vkRek iwf.kZ;kW a	1	272	68	50	17	322	85	407
18-04-23	feysV mRiknu	vkRek iwf.kZ;kW a	1	220	35	40	3	260	38	298
dqy			15	1791	429	147	44	1938	473	2411

½II½ lewg vfxze iafDr ÁR;{k.k %

Øñ Lkañ	Qly	ÁHksn	[kjhQ@jch	fdlkuksa dh la-	{ks=Qy ¼gs-0½	mit ¼fDoa@gñ½			%o`f
						vkSlr	yksdy psd		
1	rhy	d`.kk	[kjhQ	50	20	4-90	3-50		40-00
2	ljls	mRrjk	jch	50	20	9-30	7-30		27-40
3	elwj	vkbZ0ih0,y0 220	jch	50	20	12-85	8-25		55-75
4	eVj	vkbZ0ih0,Q0Mh0 10&12	jch	50	20	12-10	9-80		23-47
5	ewWax	fojkV	xjek	50	20	7-1	5-5		29-01

$\frac{1}{4}III\frac{1}{2}$ vfxze iafDr ÁR;{k.k %

Ø ñ L k a ñ	Qly	ÁHksn	[kjhQ @jch	fdlkuk sa dh la-	{ks=Q y $\frac{1}{4}gsñ$ @lañ $\frac{1}{2}$	mit $\frac{1}{4}fDoa@gññ\frac{1}{2}$		
						vkSlr	yksdy psd	% o`f}
1	twV	ts0 ch0 vks0 2003 ,p	[kjhQ	25	10	25-90	21-50	20-46
2	/kku	lckSj laiUu	jch	25	5	45-30	39-80	13-81
3	xsagw Wa	lckSj le`f)	jch	25	5	37-80	33-10	14-20
4	xsagw Wa	ch0,p0;w0 25] ch0,p0;w0 31	jch	10	2-6	fuEu rkfydk esa iznf`kZr		
5	Ek'k:e	vks;sLVj e'k:e		25	25	10 fdxzk0 @ fdxzk0 LikWu	&	100- 00

xsagwWa jch 2022&23

ftad QksfVZQkbZM izHksn %& mRiknu iznZ'ku

izHksn	ch0 ,p0 ;w0 31	ch0 ,p0 ;w0 25	yksdy psd izHksn& Mh0ch0MCY;q0 14
(i) ikS/k ÅapkbZ (lseh0)	108	103	105
(ii) LikbZd yackbZ (lseh0)	16-0	14-80	14-0
(iii) fVyj dh la0 @ eh0 ²	407	398	335
(iv) VsLV osV (xzk0)	36-92	35-85	36-12
(v) xzsu mit (fDo0 @ gs0)	36-40	34-10	32-20
(vi) ck;ksyKWftdy mit (fDo0 @ gs0)	80-10	76-40	71-60

dqy {ks0 (ch0 ,p0 ;w0 31 – 1-30 gs0 + ch0 ,p0 ;w0 25 – 1-30 gs0) = 2-60 gs0

fdlku dh la0& 09] ua0 vkWQ yksd'ku & 04

$\frac{1}{4}IV\frac{1}{2}$ vkWu QkeZ V^ak;y (OFT):

Øñ Lkañ	fo"K;	Rkduhdh fodYi	lkfj.kke	yKHk Ykkxr vuqikr
------------	-------	---------------	----------	-------------------------

			mit ¼Doha @gs0½		'kq} ykHk ¼:0 @ gs0½	
1	iafDr dh fofHkUu nwjh ds dkj.k twV ds js'kk mRiknu ij iM+us okys izHkko dk vKWdyu	d`"kd i)fr %& chtksa dh fNVdkok fof/k ls cqvkbZ	295-00		80020	3- 36
		rduhdh fodYi I%& chtksa dh iafDr ls iafDr 20 lseh dh nwjh ij cqvkbZ	365-00		110660	4- 04
		rduhdh fodYi II %& chtksa dh iafDr ls iafDr 30 lseh dh nwjh ij cqvkbZ	325-00		103390	3- 86
2	eDdk ds i.kZPNn vaxekjh jksx izca/ku gsrq fofHkUu QQwanuk'kdksa ds izHkko dk vKWdyu	d`"kd i)fr %& QQwanuk'kh eSadkstsc dk fNM+dko	jksx vkdzkUr ¼%½	85- 00	112500	3- 77
			38-32			
		rduhdh fodYi I:- * ,tkWDlhV ^a kWfou 23 SC (0.15 %) ls cht mipkj * y{k.k fn[kus ds ckn oSfyMkekblhu 3 SL (0.20 %) dk ,dckj fNM+dko	12-10	102- 00	140400	4- 29
		rduhdh fodYi II%& igyh ckj ,tkWDlhV ^a kWfou 23 SC (0.10 %) dk fNM+dko ,oa nwljh ckj oSfyMkekblhu 3 SL (0.20 %) dk fNM+dko	10-00	110- 00	154200	4- 52

Øñ Lkañ	fo"k;	Rkduhdh fodYi	lkfj.kke		ykHk Ykkxr vuqikr
			mit ¼Doha @gs0½	'kq} ykHk ¼:0 @ gs0½	
3	xsagwWa esa us=tu mi;ksx {kerk dk lac/kZu	d`"kd i)fr %& ,u0 ih0 ds0 dh vuq'kaflr ek=k (150:60:40) fdxzk0 @ gs0	38-90	56425	2- 72
		rduhdh fodYi I:- u=tu dh vuq'kaflr ek=k dk 50 izfr'kr vkSj 100 izfr'kr ih0ds0 vkSj + uSuks ;wfj;k 4 feyh0 @ yh0 ikuh (cqvkBZ ds 35 fnu ckn ,d fNM+dko)	40-80	59290	2- 83
		rduhdh fodYi II:- us=tu dh vuq'kaflr ek=k dk 50 izfr'kr vkSj 100 izfr'kr ih0ds0 + uSuks ;wfj;k 4 feyh0 @ yh0 ikuh ds lkFk 2 fNM+dko (cqvkBZ ds 35 fnu ,oa 60&65 fnu ckn ,d fNM+dko)	43-05	63517	2- 92

¼V½ Á{ks= Ckht mRiknu

Ø- la-	[kjhQ@ jch	Qly	ÁHksn	mRiknu ¼fDoa0½
1.	[kjhQ	Rkhy	d`".kk	3-53
2.	[kjhQ	rhy	fryksRrek	0-28
3.	[kjhQ	gYnh	jktsUnz lksfu;k	2-50
4.	jch	Rksjh	mRrjk	9-50
5.	jch	jkbZ	jktsUnz lqQye	4-70

¼VI½ pØh; [kkrk dh fLFkfr% 01twu 2023% #ñ 62]33]911@&
¼VII½ vU; Álkj xfrfof/k;kj %

izlkj xfrfof/k dk uke	xfrfof/k;ksa dh la[;k	fdlkuksa dh la[;k	izlkj dk;ZdrkZvksa dh la[;k	dqy
iz{ks= fnol	9	353	12	365
ifjpk;kRed nkSjk	21	1664	43	1707
nwjn'kZu okrkZ	1			lewg
vkdk'kokuh okrkZ	9			lewg
dsUnz ij fdlkuksa dk Hkze.k	430	426	4	430
[ksrksa esa oSKkfudksa dk Hkze.k	235	482		482
e`nk uewuk tkWap	395	395	0	395
lekpj i= esa izdk'ku	60			lewg
vkbZ0lh0vkj0 ds 94osa LFkkiuk fnol dk vk;kstu] fnukad& 16-07- 2022	1	191	13	204
fdlku IEeku dk lh/kk izlkj.k] fnukad&17-10-2022	1	108	12	120
lafo/kku fnol dk vk;kstu	1	60	3	63
fo'o e`nk fnol dk vk;kstu	1	96	9	105
fdlku IEeku dk lh/kk izlkj.k] fnukad&23-12-2022	1	60		60
izkd`frd [ksrh ij tkx:drk dk;Zdze lg d`"kd xks"Bh] fnukad&03-01- 2023	1	341	9	350
fdlku IEeku dk lh/kk izlkj.k] fnukad&27-02-2023	1	56	15	71
d`f"k laokn] fnukad&03-03-2023	1	47	0	47
vUrjk"Vªh; feysV IEesy] fnukad&18-03-2023	1	47	0	47

izlkj xfrfof/k dk uke	xfrfof/k;ksa dh la[;k	fdlkuksa dh la[;k	izlkj dk;ZdrkZvksa dh la[;k	dqy
iks"k.k tkx:drk dk;Zdze ,oa cslykbu losZ 12&31-05-2023	4	173	13	186
LiFE tkx:drk dk;Zdze 24&30-05- 2023	4	105	7	112
Dqy	1177	4041	125	4166

vuqlwfpr tutkfr mi;kstuk

vuqlwfpr tutkfr mi;kstuk dh HkkSfrd miyfC/k ¼2022&23½ %&

dz0 la0	Xfrfof/k;kWa @ fdz;kdyki	HkkSfrd miyfC/k	
1	izf'k{k.k	izf'k{k.k @ izR;{k.k dh la0	ykhkqdksa dh la0
d	fdlku	63	1637
[k	efgyk		673
x	xzkeh.k ;qod @;qofr;kWa	7	234
Ä	izlkj dk;ZdrkZ	9	493
2	iz{ks= ijh{k.k	iz{ks= ijh{k.k dh la0	ykhkqdksa dh la0
		6	60
3	vfxze iafDr izR;{k.k	iz{ks= izR;{k.k dh la0	ykhkqdksa dh la0
		8	170
4	eksckby ,xzks,Mokbtjh	,Mokbtjh dh la0	ykhkqdksa dh la0
		104	34564
6	vU; xfrfof/k;kWa		
d	izlkj xfrfof/k;ksa esa ykhkqdksa dh la0	12439	

[k	cht mRiknu $\frac{1}{4}$ fDoa $0\frac{1}{2}$	3-93
x	ikS/k mRiknu $\frac{1}{4}$ la0 yk[k esa $\frac{1}{2}$	0-0251
Ä	Ik'kq/ku mRiknu $\frac{1}{4}$ la0 yk[k esa $\frac{1}{2}$	0
M+	eNyh mRiknu $\frac{1}{4}$ la0 yk[k esa $\frac{1}{2}$	0
p	e`nk uewuk $\frac{1}{4}$ la0 $\frac{1}{2}$	471
N	laIk/ku fuekZ.k $\frac{1}{4}$ la0 Lizzs;j] fjt esdj] iai lsV] ohMj bR;kfn $\frac{1}{2}$	Ek'k:e LikWu mRiknu bdkbZ dh LFkkiuk] Lizzs;j] cdjh] lhM chu] fpII esfdax ef'ku] Ik'kq pkjk ef'ku
t	vU; dk;Zdze dh la0 $\frac{1}{4}$ LoN Hkkjr vfHk;ku] xzkeh.k fo/kky;ksa esa d`f`k f'k{kk] ikS/k forj.k] Vhdkdj.k vfHk;ku bR;kfn $\frac{1}{2}$	06

(VIII½ tyok;q vuqdgqyu Ńf" k dk;ZØe : [kjhQ 2022&23

Crop	Technology demonstrated	Achieved Area (Acre)	Grain yield (q/ha)		Straw yield (q/ha)		Cost of Cultivation (Rs/ha)		Gross Return (Rs/ha)		Net Return (RS/ha)		B:C Ratio	
			Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Check
Paddy	DSR	244	44.0	43.5	50.6	49.2	28368	37776	83053	81849	54685	44073	2.93	2.17
	PTR	181	45.0	42.0	51.75	48.3	38348	38753	84380	81427	46032	42674	2.20	2.10
	AWD	35	42.0	40.5	49.5	46.6	36324	37859	82452	80518	46128	42659	2.27	2.13
	FB & WH	30	41.5	40.0	47.8	45.0	36890	38255	81453	80097	44563	41842	2.21	2.09
	NE/GS/INM	30	43.5	42.5	50	48.87	35990	37827	82640	81926	46650	44099	2.30	2.17
Maize	RBP	5.0	68.0	55.0	112.5	87.0	41805	42352	108800	88000	66995	45648	2.60	2.08
	Maize + Arhar Inter Cropping	5.0	45.6+ 11.3	43.8+ 10.4	71.1	67.0	48810	48665	170348	160595	121538	111930	3.49	3.30
Pigeon Pea	RBP	2.0	13.5	11.5	58.0	48.66	28112	29614	91800	78200	63688	48586	3.26	2.64
	Field Bund	4.0	12.0	9.0	51.0	39.0	18112	18614	81600	61200	63488	42586	4.50	3.29
Finger Millet	RBP	10.0	16.4	14.1	35.9	30.9	15780	16570	54300	45700	38520	29130	3.44	2.76
Foxtail Millet	RBP	12.0	10.0	8.5	16.6	13.5	13450	14700	32000	27200	18550	12500	2.38	1.85
Pearl Millet	RBP	11.0	32.1	24.3	64.0	47.0	24500	22000	70752	56028	45352	34028	2.88	2.55
Soybean	RBP	8.0	16.5	14.56	-	-	24900	22700	85800	75712	60900	53012	3.45	3.34
Sorghum	RBP	12	24.6	22.7	41	35	24569	25648	66420	61290	41851	35642	2.70	2.39
Farmers Field	Laser Land Levelling	71	-	-	-	-	-	-	-	-	-	-	-	-
	Total	690	-	-	-	-	-	-	-	-	-	-	-	-

(IX½ tyok;q vuqdyu Ñf" k dk;ZØe : jch 2022&23

Crop	Technology	Achieved Area (Acre)	Grain yield (q/ha)		Straw yield (q/ha)		Cost of Cultivation (Rs/ha)		G.I (Rs/ha)		Net Return (Rs/ha)		B:C Ratio	
			Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Check
Wheat	Zero tillage	60	43.0	38.0	51.0	42.0	31842	36615	100300	87800	68458	51185	3.15	2.40
	Raised bed	20	45.2	38.7	52.0	44.0	35875	36145	104920	90270	69045	54125	2.92	2.50
	INM	10	42.0	36.0	49.0	41.5	32520	35530	96200	87600	63680	52070	2.96	2.47
Maize	Raised bed	470	110.0	94.0	172.0	146.5	47400	48800	176000	150400	128600	101600	3.71	3.08
	Maize Based Farming System (Maize + potato)	20	287.5 (222.5 +65.0)	234.0 (179 +55.0)	85.0	72.0	125000	121000	326500	267000	201500	146000	2.61	2.21
Mustard	RBP	20	14.5	11.8	32.0	30.8	25520	26990	79750	64900	54230	37910	3.13	2.40
Chickpea	RBP	05	13.2	10.4	26.1	20.6	24700	23500	68640	54080	43940	30580	2.78	2.30
Lentil	ZT	05	13.5	11.1	18.2	14.9	21690	22500	83700	68820	62010	46320	3.86	3.06
Barley	ZT	03	30.0	24.5	49.0	42.0	29390	33600	75000	61250	45610	27650	2.55	1.82
Potato	RBP	10	255.0	211.0	-	-	104500	108700	255000	211000	150500	102300	2.44	1.94
-	Laser land levelling	15	-	-	-	-	-	-	-	-	-	-	-	-
	Total	638												

izkd`frd [ksrh

d`f"k foKku dsUnz iwf.kZ;kWa ds izkd`frd [ksrh izR;{k.k bdkbZ%&

dz0 la0	lhtu	Qly	izHksn	jdok $\frac{1}{4},dM+\frac{1}{2}$	mRiknu $\frac{1}{4}fdxzk0+\frac{1}{2}$	mRikndrk $\frac{1}{4}$ $fdxzk0@,dM+\frac{1}{2}$
1	[kjhQ 2022	rhy	d`".kk	0-75	28	37-34
		gYnh	jktsUnz lksfu;k	0-25	255	1020
2	jch 2022&23	ljksa	jktsUnz lqQye	0-75	65	87
3	Tkk;n 2022&23	<Sapk	&	0-75	&	&
4	[kjhQ 2023	gYnh	jktsUnz lksfu;k	0-25	&	&
		rhy @ feysV	&	&	&	&

dz0 la0	fooj.k	la[;k	ykHkkfFkZ;ksa dh la[;k
1	izf'k{k.k	01	45
2	Tkkx:drk lg d`"kd xks`"Bh	06	491
3	izR;{k.k $\frac{1}{4}fdlkuksa$ ds [ksr ij $\frac{1}{2}$	08	08

izkd`frd [ksrh vUrxZr d`"kd izR;{k.k bdkbZ dk ifj.kke %

dz0 la0	d`"kd dk uke	irk	Qly	jdok $\frac{1}{4},dM+\frac{1}{2}$	mit
1	jkt dqekj	pkWanhckM+h	eDdk	0-5	26-40 fDoa0
			xksHkh @VekVj	0-25	24-20 fDoa0
			pqdUnj	0-25	18-70 fDoa0
2	ftrsUnz dq'kokgk	nulkj	vkyq	0-25	1-94 Vu
			eDdk	0-50	34-80 fDoa0
			LV ^a kcsjh	0-25	1-42 Vu
3	fefFkys'k vkUKUn	nulkj	vkyq	0-50	3-50 Vu

			rksfj;k	0-50	58-00 fdxzk0
4	fofHk"k.k lkg	gkalh	xsagwWa	1-00	11-20 fDoa0
5	jkt dqekj lkg	gkalh	vkyq	1-00	6-40 Vu
6	/kesZUnz flag	pkWanhckM+h	xksHkh	1-00	66-50 fDoa0
7	jkt dqekj flag	vxx Vksyk csykSjh	xksHkh	1-00	64-70 fDoa0
8	jkt Hkw"k.k flag	pkWanhckM+h	xksHkh	1-00	68-10 fDoa0

okf"kZd dk;Z ;kstuk ¼vizSy 2023&ekpZ 2024½

¼I½ Af{k.k %

¼d½ —"kdksa ds fy, %

dze la;k	ladk;	fo"k; ksa dh la;k	lkzf'k{k.kkfFkZ;ksa dh la;k						
			vU;		v0tk0 @ v0t0tk0		;ksx		
			iq0	e0	iq0	e0	iq0	e0	;ks x
1	'k"; foHkkx	18	288	36	54	72	342	108	450
2	m ku	18	288	36	54	72	342	108	450
3	xzk0d`0ekS0l sok	18	288	36	54	72	342	108	450
dqy		54	864	108	162	216	102 6	324	135 0

¼[k½ xzkeh.k ;qod@;qofr;ksa ds fy, %

fo"k;d {ks=	fo"k; ksa dh la;k	lkzf'k{k.kkfFkZ;ksa dh la;k							
		vU;		v0tk0 @ v0t0tk0		;ksx			
		iq0	e0	iq0	e0	iq0	e0	;ks x	
vwXsZfud buiqV mRiknu	1	14	3	5	3	19	6	25	
Ckk;ksQfVZykbti rduhd	1	14	3	5	3	19	6	25	
/kku ds cht mRiknu	1	14	3	5	3	19	6	25	
xsagwWa ds cht mRiknu	1	14	3	5	3	19	6	25	
lykafVx eSVsfj;y izksMDlu	1	14	3	5	3	19	6	25	
ewY; lao/kZu	1	14	3	5	3	19	6	25	

m kfud Qlyksa dk ulZjh mRiknu	1	14	3	5	3	19	6	25
iqjkus ckxksa dk ft.kksZ/kkj	1	14	3	5	3	19	6	25
lCth;ksa dh lajf{kr [ksrh	1	14	3	5	3	19	6	25
iksLV gkosZLV VDuksyKWth	1	14	3	5	3	19	6	25
Dqy	10	140	30	50	30	190	60	250

$\frac{1}{4} \times \frac{1}{2}$ Álkj dk;ZdÜkkZvksa ds fy, %

fo"k;d {ks=	fo"k; ksa dh la;k	lkzf'k{k.kkfFkZ;ksa dh la;k						
		vU;		v0tk0 @ v0t0tk0		;ksx		
		iq0	e0	iq0	e0	iq0	e0	;ks x
,dhd`r iks"k.k izca/ku	1	14	3	5	3	19	6	25
eSV Vkbj ulZjh mRiknu	1	14	3	5	3	19	6	25
oehZdEiksLV rduhd	1	14	3	5	3	19	6	25
jch nygu mRiknu	1	14	3	5	3	19	6	25
m kfud Qlyksa esa ,dhd`r iks"kd izca/ku	1	14	3	5	3	19	6	25
iqjkus ckxksa dk ft.kksZ/kkj	1	14	3	5	3	19	6	25
ewY; lao/kZu	1	14	3	5	3	19	6	25
lajf{kr [ksrh rduhd	1	14	3	5	3	19	6	25
dqy	8	112	24	40	24	152	48	200

II. iz{ks= ijh{k.k $\frac{1}{4}$ On Farm Trials):

dz0 la0	fo"k;d {ks=	fo"k;	rduhdh fodYi
1-	vkbZ0 ,u0 ,e0	xsagwWa esa us=tu mi;ksx {kerk dk lac/kZu	d`"kd i)fr %& ,u0 ih0 ds0 dh vuq'kaflr ek=k (150:60:40) fdxzk0 @ gs0 rduhdh fodYi I:- us=tu dh vuq'kaflr ek=k dk 50 izfr'kr vkSj 100 izfr'kr ih0ds0 vkSj + uSuks ;wfj;k 4 feyh0 @ yh0 ikuh (cqvkBZ ds 35 fnu ckn ,d fNM+dko) rduhdh fodYi II:- us=tu dh vuq'kaflr ek=k dk 50 izfr'kr vkSj 100 izfr'kr

dz0 la0	fo"k;d {ks=	fo"k;	rduhdh fodYi
			ih0ds0 + uSuks ;wfj;k 4 feyh0 @ yh0 ikuh ds lkFk 2 fNM+dko (cqvkBZ ds 35 fnu ,oa 60&65 fnu ckn ,d fNM+dko)
2-	vkbZ0 ,u0 ,e0	/kku esa us=tu mi;ksx {kerk dk lac/kZu	d`"kd i)fr %& ,u0 ih0 ds0 dh vuq'kaflr ek=k (120:60:40) fdxzk0 @ gs0 rduhdh fodYi I:- us=tu dh vuq'kaflr ek=k dk 50 izfr'kr vkSj 100 izfr'kr ih0ds0 vkSj + uSuks ;wfj;k 4 feyh0 @ yh0 ikuh (cqvkBZ ds 35 fnu ckn ,d fNM+dko) rduhdh fodYi II:- us=tu dh vuq'kaflr ek=k dk 50 izfr'kr vkSj 100 izfr'kr ih0ds0 + uSuks ;wfj;k 4 feyh0 @ yh0 ikuh ds lkFk 2 ckj fNM+dko (cqvkBZ ds 35 fnu ,oa 60&65 fnu ckn fNM+dko)
3	vkbZ0 ,u0 ,e0	fofHkUu moZjdksa ds lekos'ku ls elwj esa mit dk vkWdyu	d`"kd i)fr %& cht mipkj + moZjdksa dh vuq'kaflr ek=k $\frac{1}{4}$ RDF $\frac{1}{2}$ rduhdh fodYi I:- 50 % RDF + ty foyS; moZjd 18%18%18 dk 5 xzk0 @ yh0 ikuh esa Qwy vkus ls igys ,dckj fNM+dko rduhdh fodYi II:- PSB ,oa jkbtksfc;e ls chtksipkj + ty foyS; moZjd 18%18%18 dk 5 xzk0 @ yh0 ikuh esa Qwy vkus ls igys ,dckj fNM+dko
4	ICth mRiknu	jch VekVj ds ikS/k o`f) ,oa mit ij cht ikS/k ds mez ds izHkko dk vkWdyu	d`"kd i)fr %& 32 fnuksa ds ICth ikS/k dk [ksrksa esa LFkkUkakrj.k rduhdh fodYi I:- 24 fnuksa ds ICth ikS/k dk [ksrksa esa dk LFkkUkakrj.k rduhdh fodYi II:- 28 fnuksa ds ICth ikS/k dk [ksrksa esa LFkkUkakrj.k
5	,dhd`r iks"kd izca/ku	xksHkh esa cksjksu ds fofHkUu ek=k vuqiz;ksx ds izHkko dk vkWdyu	d`"kd i)fr %& cksjksu dk iz;ksx ugha rduhdh fodYi I:- cksjksu dk iz;ksx 2-1 fdxzk0 @gs0 dh nj ls rduhdh fodYi II:- cksjksu dk iz;ksx 1- 5 fdxzk0 @gs0 dh nj ls

III. vfxze iafDr ÁR;{k.k %

ekSle	Qly	izHksn	{ks 0 ¼gs0)	fdlkuksa dh la0
[kjhQ	twV	ts0 vkj0 vks0 524 ts0 ch0 vks0 2003 ,p0	10	25
Jch	/kku	lckSj laiUu	5	25
Jch	/kku ¼ch0 th0 ,0½	ch0 th0 ,0	10	25
Jch	xsgwWa	Ckk;ksQksfVZQkbM	5	25
	iks"k.k okfVdk	lCth cht	&	20
	Ek'k:e	vks;sLVj @ cVu	&	15
	e[kkuk	lckSj e[kkuk&1	2	5
	eM+qvk	fcjlk eMq+vk 3	3	12

IV. vU; Álkj xfrfof/k;kj %

Ø- la-	dk;ZØe	la;k	ykHkkfFkZ;ksa dh la;k
1-	Á{ks= fnol	04	200
2-	fdlku xks"Bh	05	250
4-	oSKkfudksa dk Á{ks= Hkze.k	150	
5-	d`"kdksa dk dsUnz ij Hkze.k	125	
6-	lekpkj i= esa izdk'ku	20	
9-	lykg lsok@gsYiykbZu	300	
12-	e`nk LokLF; tkWap	250	250
13-	Lkekpkj i= esa [kcj	20	
14	jsfM;ks@nwjn'kZu okrkZ	20	

v. Á{ks= Ckht mRiknu

Qly dk uke	izHksn @ izdkj	{ks 0 ¼gs0½ @la0
rhy	d`".kk	3-0
Lkjlksa	mRrjk] vkj0 lqQye	3-0
lCth ikS/k	gkbczhM	4000