

बाँस की खेती : बुंदेलखण्ड में आय अर्जन हेतु एक उत्तम उपाय



ISO 9001:2015

Hkkñvui&dUæh; Ñf''kokfudh
vul/kku lLFkku

>k l h&Xokfy; j jk"Vh; j k t ekx
>k l h&284 003 ¼m-ç-½



तकनीकी बुलेटिन 1/2018

बाँस की खेती : बुंदेलखण्ड में आय अर्जन हेतु एक उत्तम उपाय

इन्द्र देव
नरेश कुमार
आशा राम



ISO 9001:2015

HkkÑvui&dUæh ; Ñf"kokfudh vuI/kku I LFkku
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अनिल कुमार
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इन्द्र देव
नरेश कुमार
आशा राम

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राजीव तिवारी

आभार :

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Nk ; kdu %
राजेश श्रीवास्तव

Vd.k %
हूबलाल यादव

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निदेशक,
भाकृअनुप-केन्द्रीय कृषिवानिकी अनुसंधान संस्थान
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Email : krishivaniki@cafri.res.in
Web site : http://www.cafri.res. in

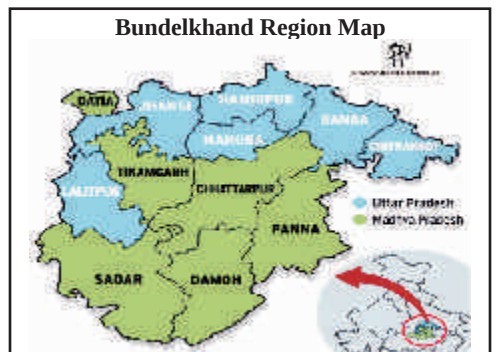
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दर्पण प्रिंटर्स एण्ड लेमीनेशन
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3- Hkkjr e ck l dh ie[k i tkfr;k dk ikdfrd ok l ,o forj.k	7
4- Hkkjr h; ou ¼ l ”kk/ku½ v/; kn”k] 2017% ck l dh [krh d fy, ,d u; h vk”kk dh fdj.k	10
5- iuxfBr jk’Vh; ck l fe”ku	11
6- ck l vk/kkfjr df’kokfudh	12
7- Ckk l çc/ku	16
8- Ckk l lo/ku	19
9- ck l e dhV ,o jkx çc/ku	24
10- ck l dk vkfFkd mi ;kx	29
11- cny[k.M e ck l dh [krh l vkenuh dh l Hkkouk,	31

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vkj 44 ifr"kr Hk&Hkx ij ik;h tkrh gA ;gk
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vf/kdre vk l r rkieku 32-5 fMxh lVhxM
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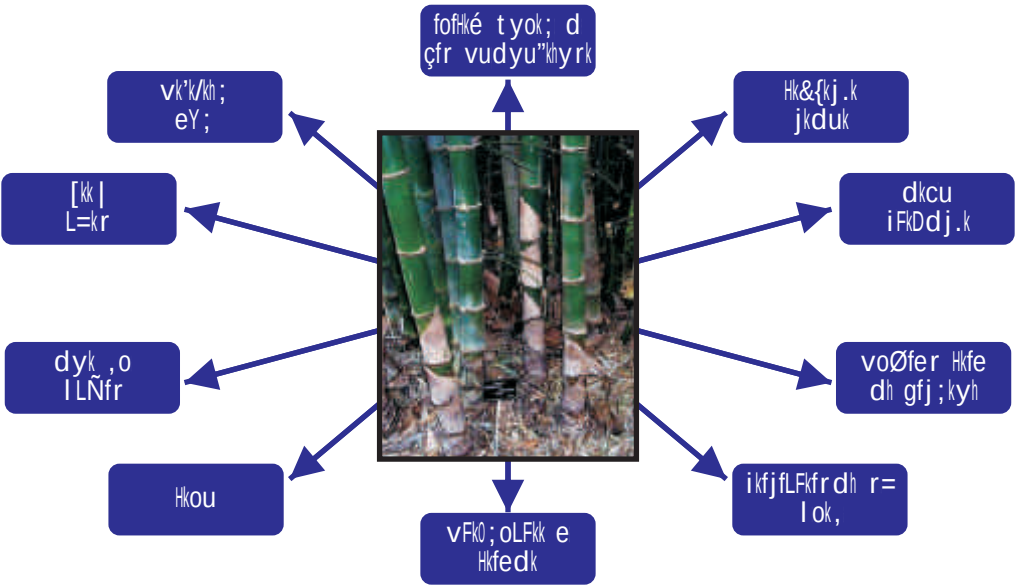
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—f^kokfudh d ifjn”; e ,d vfHkUu vx jgk gA ;g ?kk l ifjokj d mi&ifjokj cEc l kbMh
l l c/k j[krh gA ckl eu”; thou dk ,d vfHkUu vx g rFkk ;g db egRoi.k mi ;kxk d
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 xkYM** d : i en[kuk mfpr le>k tk jgk gA

oreku ifjn"; e ck l yk[kk yxk d fy, jktxkj ink dju okyk l k/ku gA bldk
 mi ;kx yxnh vkj dkxt fuek.k] bthfu ;fjx lkefx ;k] diM] Hkk tu] l fØ ; [kfu t
 rRok t l foVfku] vehuk ,fIM] fQukfyd ,fIM] ikyh l djkbM l vkj V l rRok d
 fy, vk |kfxd dPp eky d : i e i ;kx fd ;k tk jgk gA db U ;VkL ;fVdy dk ck l
 dh dYe] "kV ,o iRrh l fudkyk tk l drk gA bu l Hkh e ,.Vh&vkD l hMUV]
 ,.Vh,ftx] ,.VhCDVhfj ;y vkj ,.Vhok ;jy x.k ek tn jgr gA



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 /khj&/khj ck l dh miyC/krk de gkrh tk jgh gA Hkkjr e fofHkuU mi ;kxk gr ck l dh
 vko"; drk yxHkx 26-69 fefy ;u Vu g tcfv vkifr ek= 13-47 fefy ;u Vu gA bl
 idkj 13-22 fefy ;u Vu dk vUrj g] ft l dk ijk fd ; tku dh vko' ;drk gA ;k tuk
 vk ;kx d vul kj l u 2005 e bekjrh ydMh dh vuekfur ekx 58 fe- ?ku eh- Fkh tk

fd lu 2020 e 153 fe-?ku eh- rd c<u dh lEHkkouk gA ogh bekjrh ydMh dh vuekfur miyC/krk lu 2005 e 29 fe- ?ku eh- Fkh tk lu 2020 rd 60 fe- ?ku eh- gku dh lEHkkouk gA bekjrh ydMh dh c<rh dher ck l mi ;kx dk c<kok nu e ,d idkj l volj inku dj jgh gA vku oky o"kk e ck l d fofHkUu 0 ;kol kf ;d {k= t l & cEc'kV ¼105 djkm½] cEc ckM ¼1]000 djkm½] cEc ¼lykfjx ckM ¼550 djkm½] dxxt gr yXnh ¼900 djkm½] cEc Quhpj ¼380 djkm½] Hkou fuek.k ¼550 djkm½ ,o lMd fuek.k ¼274 djkm½ vkfn lEHkkfor gA bud vfrfjDr vxjcRrh] ifu ly] ekfpl] vkb lØhe fLVd vkfn e Hkh yxHkx 200 djkm : i ; d 0 ;kikj dh of) gku dh lEHkkouk gA

Hkkjr e ck l d ft ru Hkh lkr g mue l 15-4 çfr"kr fut h Hkfe ;k ij vk/kkfjr g] blfy, 84-6 çfr"kr ck l vk] kfxd i lLdj.k d fy, vkl kuh l miyC/k ugh gk ikrkA Hkkjr e ck l dk mRiknu c<ku d mnn"; l Hkkjr l jdkj }kjk lu 2006&07 e jk"Vh ; ck l fe"ku dh "k : vkr dh x ;h ft l dk e[; mnn"; oreku rFkk Hkfo"; e ck l dh ekx ifr dju d l kFk vkt hfodk gr ck l ij fuHkj ifjokjk d thou ;kiu e l/kkj ykuk Hkh gA

; lfi ck l mRiknu e Hkkjr fo"o e nlj LFkku ij g yfdu ifr gDV ;j mRiknu e Hkkjr vU ; n"kk t l & phu] tkiku rFkk rkboku bR ;kfn l dkQh ihN gA Hkkjr e ck l dh vklr mRikndrk 5 Vu ifr g- d yxHkx gA Ckk l dh de mRikndrk d vud dkj.k g t l fd ck l d ic/ku dk de Kku gkuk] oKkfud rjhd l dVkb dh deh ,o de yxkr d l kFk mxkuk bR ;kfn ie[k dkj.k gA

ck l dh ie[k fo'k"krk ;

ck l vud fo"k"krkvk l ifji .k gA bue l dN fo"k"krk, fuEufyf[kr g%

- 1- ck l dh c<krRjh cgr r th l gkrh g rFkk bl dk thou pØ NKVv gkrk gA ck l dh dN i t kfr ;k iR ;d fnu e 1-0 eh- l Hkh vf/kd c<rh gA
- 2- Ckk l dh fofHkUu fo"k"krkvk d dkj.k bl d 1500 l vf/kd mi ;kx fofHkUu nLrkot k e vfdr feyr gA
- 3- ck l ifr bdkb {k=Qy o le ; e vU ; fd l h Hkh ou o{k l vf/kd toHkkj ¼ck ;kek l ½ mRiknu dh {kerk j[krk gA ;g yxHkx 40 Vu ifr g- ifr o"k rd mRiknu n l drk gA
- 4- ck l dh tfod fo"k"krk d dkj.k ;g okrkoj.k e mifLFkr CO₂ d LRkj dk vo"kkf"kr dj yxHkx 35 çfr"kr vkD l h tu okrkoj.k e folft r djrk gA
- 5- dVkb d mijkuR ck l d foLrr eyr= l fcuk fd l h jki.k ;k trkb l u ;h ijkg mRiUu gk tkrh gA ck l dh tM dVkb d ckn Hkh viuh txg l ugh gVrh] blfy, enk{kj.k dk jkdu e lgk ;d gkrh gA

ck l dk Hkkxkfyd forj.k

ck l fo"o Hkj e l Hkh idkj dh tyok; e ik;k tkrk gA oreku e ij fo"o e ck l dk vuefur {k=Qy 36-0 fefy;u g- g} tkfd fo"o d dy ou {k= dk 3-2 çfr"kr gA ck l m".kdfvc/kh; Hk&Hkkxk e len ry dh Åpkb l ydj 4j000 eh- dh Åpkb rd ik;k tkrk gA ;gh ugh fo"o d vud 'khrk".k dfvc/kh; Hk&Hkkxk e Hkh ck l ik—frd : i l ik;k tkrk gA ck l dh i tkfr;k d Hkkxkfyd forj.k vulkj ,f" k;k&i"kkUr Hk&Hkkx lcl /kuh g rFkk mld ckn nf{k.k vefjdk e Hkh ck l dh vudk i tkfr;k ik;h tkrh gA vÝhdk egk}hi e lcl de ck l dh i tkfr;k ik;h tkrh gA ,f" k;k egk}hi d doy rhu n"kk ¼phu Hkkjr rFkk E;kekj½ e ij fo"o d dy ck l dk 80 çfr"kr mRiknu gkrk gA ,f" k;k egk}hi d nf{k.k ioh Hkkx ¼Hkkjr} tkiku o bMkuf" k;k½ e rk ck l ekuo thou dk ,d vfHkUu vx gA lEHkor¼ blfy, bl Hk&Hkkx dh lL—fr dk ck l lL—fr d uke l Hkh tkuk tkrk gA vkerkj ij ck l 750 fe-eh- o"kk oky {k=k l ydj 6j350 fe-eh- dh o"kk oky {k=k e ik;k tkrk g} fdUr bldh vPnH inkokj iklr dju d fy, o {k= vf/kd mi;Dr gkr g tgg rkieku 8° l 36° l-] U;ure o"kk 1j000 fe-eh- rFkk ok;e.Myh; vknrk mPp gkrh gA ;|fi bl nxe o dfBu tyok; e Hkh fodflr gkr g, ik;k x;k gA

phu d ckn Hkkjr fo"o e lcl vf/kd ck l mRiknu dju oky n" k gA Hkkjr d iR;d {k= e ck l Hkyh&Hkkfr LFkkfir o ipfyr gA Hkkjr e yxHkx 13-96 fe- g- {k=Qy e ck l mxk;k;k@ik;k tkrk g tk fd fo"o d dy ck l {k=Qy dk 37-8 çfr"kr gA Hkkjr e dy ou {k=Qy dk yxHkx 20 çfr"kr {k=Qy ck l d vUrxr vkrk gA dk"ehj dk NkMdj Hkkjr d iR;d jkT; e ck l ikÑfrd voLFkk e ik;k tkrk gA Hkkjr n" ck l dh i tkfr;k dk Hkh /kuh n" k gA bl n" k e ck l d 29 dy dh yxHkx 150 i tkfr;k ik;h tkrh g ftudk fofHkUu idkj d mi;kxk e dke fy;k tkrk gA "kk/kdrkvk d vulkj ck l dh i tkfr;k dk Hkkxkfyd forj.k tyok; rFkk ekuoh; gLr{k i d dkj.k gkrk gA

ioh Hkkjr e ck l cgrk;r e ik;k tkrk gA yxHkx 50 çfr"kr l vf/kd i tkfr;k ioh Hkkjr ¼v : .kkpy in" k] v le] ef.kij] e?kky;] fetkje] uxky.M] fl fDde] f=i j vkj if"pe cxky½ e ik;h tkrh gA dy 150 i tkfr;k e 58 ck l dh i tkfr;k n" k d mRrjh&ioh fgLI e ik;h tkrh gA bld vykok ck l Hkkjr d v.Meku&fudkckj }hi legj NRRhlx< dk cLrj {k= ,o if"peh ?kkV e Hkh cgrk;r l ik;k tkrh gA MUMkdyel rFkk cEcl i tkfr m".k tyok; ¼vkn ,o lk.k i krh½ e T;knk ik;h tkrh g

rFkk v : .Mhufj ;k vkj m l d vU ; lcf/kr ck l “khrk”.k tyok ; e lk ;klr ek=k e ik ;
t kr gA

ij Hkkjr e fofHkUu jkT ;k d dy 178 ft yk e ck l dh mifLFkr nt dh x ;h gA Hkkjr d dy
ck l {k= ¼13-96 fe-g½ e l v : .kkpy in”k e lcl vf/kd ¼1-6 fe-g½ {k= e ck l mxk ;k
t krk gA ck l d {k= d vul kj egkj”V vkj mMH l k dk Øe”k 1-15 fe-g- rFkk 1-03 fe-g- d
l kFk n l jk rFkk rh l jk LFku vkrk g ¼ l kfj.kh&1½A Hkkjr d fofHkUu jkT ;k e mifLFkr ck l d
?kuRo d vkdyu e ;g ik ;k x ;k g fd n”k d dy ou {k= dk yxHkx 1-0 çfr”kr fgL l k
“k) ck l d vUrxr vkrk gA Lk?ku ck l dy ou {k= d 7 çfr”kr fgL l e g rFkk de l ?ku
vFkok ck l dk fc[kkj {k= dy ou {k= d yxHkx 8 çfr”kr fgL l e gA “k) ck l {k= e
fetkje 226 ox fd-eh- {k=Qy d l kFk iFke LFku ij gA bl d ckn v : .kkpy in”k 217
ox fd-eh- d l kFk f}rh ; LFku rFkk ef.kij 192 ox fd-eh- d l kFk r rh ; LFku ij gA l ?ku
ck l d {k=Qy d fg l kc l v : .kkpy in”k 8681 ox fd-eh- d l kFk iFke LFku rFkk
fetkje ,o ef.kij Øe”k 6112] 5825 ox fd-eh- d l kFk f}rh ; ,o r rh ; LFku ij gA bl h
idkj gDM ck l {k= d ekey e e/ ; in”k] NRrh l x< ,o egkj”V Øe”k 2284] 1496 ,o
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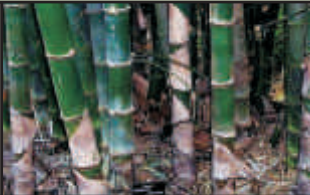
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jkT ; dS “kf l r in\$	‘k) ck l ox fd-eh-	Lk?ku ck l ox fd-eh-	fc[kkj ck l ox fd-eh-	gDM ck l {s ox fd-eh-	iutuu ck l ox fd-eh-	ck l jgr {s ox fd-eh-	dy ck l {s ox fd-eh-	Klrou {s ox fd-eh-
vkU/k in'k	26	1795	3963	309	2091	55630	8184	63814
v : .kkpy in'k	217	8681	6953	144	88	35457	16083	51540
v le	105	4049	2878	166	40	19594	7238	26832
fcgkj	1	239	393	75	31	5734	739	6473
Nrh l x<	54	3046	4577	1496	2195	48404	11368	59772
nnkj ,o uxj goyh	0	15	28	3	9	149	55	204
xkok	0	40	212	12	44	916	308	1224
x t jkr	0	799	2408	367	517	14836	4091	18927
gfj ; k.kk	0	3	9	7	0	1540	19	1559
fgekpy in'k	0	37	422	24	25	36525	508	37033
>kj [k.M	14	898	1571	509	611	20002	3603	23605
dukVd	0	1925	4390	297	1574	30098	8186	38284
djy	0	461	2105	86	230	8383	2882	11265
e/ ; in'k	76	2732	5264	2284	2703	81630	13059	94689
egkj”V	56	2618	4604	1466	2719	50474	11465	

ef.kij	192	5825	3101	124	61	8115	9303	17418
e?kky;	63	2815	1830	68	17	4703	4793	9496
fetkje	226	6116	2757	104	42	7472	9245	16717
ukxky.M	101	3064	1644	65	28	4320	4902	9222
mMhIk	35	2479	5230	1066	1708	47618	10518	58138
itkc	0	5	39	31	0	3009	75	3084
jk tLFkku	0	516	1188	333	418	30185	2455	32639
flfDde	0	481	684	8	8	4660	1181	5841
rfeyuk	5	650	1707	130	773	19612	3265	22877
f=ijk	67	2039	1079	43	18	3048	3246	6294
mrj in'k	2	311	647	189	164	15270	1313	16583
mRrjk[k.M	0	67	329	47	8	34200	451	34651
if"peh cxky	0	362	582	58	40	10837	1042	11879
dy	1240	52068	60596	9511	16162	602420	139577	741997

‰L=kr ‰ QkjLV lo vkQ bfM;kj 2011‰

Hkkjr eckl dh iek[k izkfr; k dk ikdfrd okl ,o forj.k

Ø-l-	ckl dh i tkfr; k	ikNfrd okl ,o forj.k	
1-	cEc l k ckydkvk	;g 600 ehVj dh Åpkb rd vPN ty fudkl okyh nkeV enk e mRrj ioh Hkkjr vkj if'pe cxky e ik; tku okyk ckl gA	
2-	cEc l k cEck l	1000 ehVj dh Åpkb rd ue i.kikrh txyk e ik; k tkrk gA ;g o" k Hkj cgu okyh ufn; k ,o ?kkfV; k d ikl yxHkx ij Hkkjr e ik; k tkrk gA	
3-	cEc l k urUl	;g 500&1500 ehVj d chp dh Åpkb oky igkMh <yukukj gYdh cyb nkeV feVVh e mRrj ioj mMh l k vkj cxky e vR; kf/kd ek=k e ik; k tkrk gA	
4-	cEc l k iYyhMk	vR; kf/kd o"kkj vknrk ,o e/; e mPp rkieku oky Hkkjr d mRrj ioh {k=k e ik; k tkrk gA	
5-	cEc l k ikyhekjQk	;g Hkkjh nkeV enkj vPN ty fudkl okyh tyk< enk e v: .kkpy in"lj e?kky; vkj f=i jk e ik; k tkrk gA	
6-	cEc l k VYMk	;g 1500 ehVj dh Åpkb ij Hkkjr d mRrj ioh Hkx ,o if'pe cxky e cM ieku ij ik; k tkrk gA	
7-	cEc l k oYxfj l	ueh ;Dr enk e ;g e/; Hkkjr vkj mRrj io dik-frd ouk e ik; k tkrk gA	

Ø-I-	ck l dh i tkfr;k	ikÑfrd ok l ,o forj.k	
8-	MUMkdye l ckUMh l h	;g dx ½dukVd½ e ik;k tkrk gA rFkk e[; :i l m".k dfVcU/kh; txyk e ik;k tkrk gA	
9-	MUMkdye l fxxVI	mRrj&io] if'pe cxky vkj fcgkj e ue m'.kdfVc/kh; vkj mi&m'.kdfVc/kh; {k=k e vPNh rjg l c<rk gA	
10-	MUMkdye l gfeyVkuh	;g e[; r ½ iokRrj vkj fgekp y in" k e cgrk; r ek=k e ik;k tkrk gA	
11-	MUMkdye l fLVdV l	vkerkj ij 1000 ehVj rd dh Åpkb oky] "k'd [ky i.kikrh txyk e ik;k tkrk gA ;g Hkkjr e ik; tku okyk lcl vke ck l gA	
12-	vkfD l uUFkj k LVkD l h	vkerkj ij ;g len ry l 800 ehVj Åpkb oky nf{k.kh ik; }hi ij ik; k tkrk gA	
13-	eykduk cEc l kbM l	e[; :i l n" k d mRrj ioh Hkkx e ik;k tkrk gA ;g igkfM;k e de yfdu enkuh Hkkx e T;knk ik; k tkrk gA	
14-	vkpYkUMk VkoUdkfjd k	;g ck l i.kikrh ,o lnckgkj txyk e rFkk nf{k.k l ydj if'pe ?kkVk rd ik; k tkrk gA	
15-	'kkb t kLVdkbe nyvk	Hkkjr d iokRrj {k= e yxHkx 1200 eh- dh Åpkb rd ik; k tkrk gA	

Ø-I-	ck l dh i tkfr;k	ikÑfrd okl ,o forj.k	
16-	FkkbjkLVkfp l vkfyojh	; i tkfr e[; r% f=ijk e ik;h tkrh gA	

Hkkjrh; ou $\frac{1}{4}$ l'kk/ku $\frac{1}{2}$ v/; kn'k] 2017% ck l dh [krh d fy ,
, d u; h vk'kk dh fdj.k

dn ljdkj u ,d ,frgkfl d igy e Hkkjrh; ou $\frac{1}{4}$ l'kk/ku $\frac{1}{2}$ v/; kn'k] 2017 dh ?kk" k.kk
dh g ft l l fd xj ou {k=k e mxk, x, ck l dk o{k dh ifjHkk"kk d nk; j e yk, t ku
l NV fey vkj bl idkj bl d vkfFk d mi ;kx d fy, dkVu ;k ikjxeu ijfeV dh
vko"; drk l NV inku dh tk l dA dnh; ef=eMy u 22 uoEcj 2017 dk bl ckj e
Hkkjrh; ou vf/kfu;e] 1927 d [kM 2 $\frac{1}{4}$ 7 $\frac{1}{2}$ d l'kk/ku ij v/; kn'k dh ?kk" k.kk dh FkhA
bl l'kk/ku d igy] fd l h ou ,o xj ou Hkfe ij mxk, x, Ckk l dk dkVu ;k ikjxeu
ij Hkkjrh; ou vf/kfu;e] 1927 $\frac{1}{4}$ vkB ,Q ,] 1927 $\frac{1}{2}$ d iko/kku ykx gkr Fk] fd l kuk
}kjk xj ou Hkfe ij ck l dh [krh dju dh jkg e ;g ,d cMh ck/kk FkhA

ou {k=k e mxk, x, ck l vHkh Hkh Hkkjrh; ou vf/kfu;e] 1927 d iko/kkuk }kjk "kkl r
gkxA bl l'kk/ku dk ,d cMk y{; fd l kuk dh vk; c<ku rFkk n" k d gfjr doj e
c<krjh dju d nkgj y{; dk gkfl y dju d fy, xj ou {k=k e ck l dh [krh dk
iKR l kfgr djuk FkA ;g dne l j{k.k ,o l rr fodkl d vfrfjDr] fd l kuk dh vk;
dk nkxuh dju d y{; d vu : lk gA

iuxfBr jk"Vh; ck l fe'ku

Hkkjr ljdkj u 14 o for vk; kx ¼2018&19 rFkk 2019&20½ dh 'k"vof/k d nkjku ck l fe"ku dk ykx dju d fy, 1290 djkm : i; dk ¼dUnh; fgLI d : i e 150 djkm : i; d l kFk½ iko/kku fd; k gA bl ; ktuk l iR; {k vkj viR; {k : i l fd l kuk} LFkkuh; dklrdjk vkj ck l {k= e dke dj jg vU; ykxk dk YkkHk feyxkA bl ; ktuk e ck l ik/kjki.k d vrxx yxHkx , d yk[k gDV; j {k= dk yku dk iLrko j[kk x; k g ft l l iR; {k : i l yxHkx , d yk[k fd l ku YkkHkkfUor gkxA

; g ck l fe"ku fo"kkdj mu jkT; k e ¼t l fd iokRrj {k= d jkT; } e/; in"kJ egkj"V] NRrh l x<] vkMh l k] dukVd] mRrjk[kM] fcgkj] >kj[kM] vkU/k in"kJ ryxkuk] xt jkr] rfeyukM] djy bR; kfn½ t gk ck l d l k f t d] okf.kT; d vkj vkfFkd ykHk g] ogk ck l d fodk l ij d fUnr jgxkA

bl iuxfBr jk"Vh; ck l fe"ku dh dN fo"kk"rk; fuEufyf[kr g ½

Σ ; g fe"ku yxHkx 4]000 'kk/ku@mRikn fodk l bdkb; k LFkkf i r djxk vkj yxHkx 1-0 yk[k gDV; j {k=Qy dk ck l ik/kjki.k d vrxx yk, xkA

Σ ck l ik/kjki.k l mRikndrk , o vk; c<u d l kFk&l kFk Hkfeghuk l fgr NkV vkj e>ky fd l kuk rFkk efgykvk dh vk t hfodk e Hkh l /kkj gkxkA

Σ ; g fe"ku d"ky vkj vd"ky nkuk {k= e iR; {k ; k viR; {k : i l jktxkj l tue l gk; d gkxkA

Σ ; g fe"ku —f"k vk; d ijd d : i e xj ljdkjh ou vkj futh Hkfe e ck l ik/kjki.k {k= e of) djxk vkj tyok; ifjoru dh fn"kk e etcrh l ; kxnku inku djxkA

Σ ; g fe"ku l {e} y?k vkj e>ky Lrjk ij mRikn dk i k R l k fgr dju d l kFk&l kFk dk"ky fodk l] {kerk l tu vkj ck l {k= d fodk l d ckj e tkx: drk dk Hkh c<kok nxkA

bl rjg l ; g fe"ku u doy fd l kuk dh vk; c<ku d fy, l Hkkfor mik; d : i e dk; djxk] cfYd tyok; dk l n< cuku vkj i ; koj.k ykHkk e Hkh ; kxnku djxkA ; g ck l fe"ku cnY[k.M {k= e Hkh ck l d v/khu {k=Qy dk c<kok nu e l gk; d gkxk] ft l l fd l kuk dh fu t h Hkfe d vykok dkQh ek=k e [kkyh iMh ljdkjh o xj ljdkjh Hkfe dk l ni; kx gk l dxkA bl d vykok ck l fd l kuk dh t : jr t l fd pkj] ydMh] tykou bR; kfn dk ijh dju d l kFk&l kFk {k= e u; jktxkj volj l tu dju e Hkh l gk; d gkxkA

ck l vk/kkfjr dƒkokfudh

dƒkokfudh tehu d ic/ku dh ,d ,lh i)fr g ft l d vrxr ,d gh Hk&[k.M ij dƒk Qlyk vkj cgmnn”kh; iMk@>kfM;k d mRiknu d l kFk&l kFk i'kiky Hkh fd;k tkrk gA dƒkokfudh i)fr l tehu dh mitkÅ “kfDr dk c<k;k tkrk gA dƒkokfudh i.kkyh l oukPNkfnr {k= dh c<kRrjh e lgk;r k feyrh g rFkk bl l ykxk dk vif{kr ek=k e bekjrh ydMh] Qy] b/ku] pkjk rFkk vUu feyrk g] ft l d fy; o ijEijkxr :lk e ouk ij fuHkj jgr vk; gA bl idkj] dƒkokfudh l ouk ij nokc de gkrk g vkj mud fodkl rFkk l j{k.k e enn feyrh g A

dƒkokfudh e Ckl dk e[; r% [kr dh lhek ij ¼ckm.Mh lykUV”ku½ [kr d chp drkj e ¼bUVjØfix@,xh&f lYohdYpj½ ;k Cykd lykUV”ku fof/k }kjk lek;kftr dj l dr gA ck l vk/kkfjr dƒkokfudh e db rjg dh Qly mxkb tk l drh g t l mMn] ex] fry] exQyh] xg] puk vkfnA ck l e j”knkj tMk d dkj.k ble enk l j{k.k dh {kerk jgrh g rFkk [kr d pkjk vkj yx ck l ok; vojk/ku dk dk; djr gA bl d vfrfjDr Ckl d cgr l cgeY; mRikn d dkj.k ck l dƒkokfudh d fy, cgr gh mi; kxh gA bl d vfrfjDr bl i)fr l fd l ku viuh ?kyy ydMh vk/kkfjr t : jrk dh Hkh ifr dj l dr gA ck l dk fofHku dƒkokfudh i)fr;k t l fd dƒk&ou&i)fr] ou&pjxkg] dƒk&ou&pjxkg] dƒk&ou&m |kfudh vkfn d }kjk lek;kftr fd;k tk l drk gA

ck l vk/kkfjr dƒkokfudh e tyok; ;d vk/kkj ij ie[k Qly

lktkfr	tyok;	ie[k Qly	ck l dk lEHkfor mi; kx
cEc l k ckydkvk	vk n dfVc/kh;	vnjd] gYnh] vjch	Hkou fuek.k l kexh
cEc l k cEck l	vk n dfVc/kh; ,o v/k”k”d	l k;kchu] l j l k] el j	dƒk midj.k] dkx t m kx
cEc l k urU l	vk n dfVc/kh; ,o fgeky;	?kk l m kx	ydMh vkj dkx t
MUMkdye l fLVdV l	v/k”k”d	puk] el j] ?kk l] vnjd	Hkfe m)kj] dkx t m kx
MUMkdye l ,Lij	m”.k dfVc/kh;	xg	Hkou fuek.k l kexh
cEc l k oYxfj l	vk n dfVc/kh;	?kk l] LVkbyk	dkx t m kx] gLrf”kYi

dƒkokfudh i.kkyh d vUrxr dƒk Qlyk rFkk ck l dk l kFk&l kFk mxk;k tkrk gA bl i.kkyh dk ie[k mnn”; d”kdk dh vk; e c<kRrjh] Hkfe dh Åojk”kfDr e l/kkj rFkk lk; koj.k l Uryu cuk; j [kuk gA dƒkokfudh y?k o nh?kdkyhu nkuk gh ;k t ukvk dk

l fEeJ.k gA ijEijxkr [krh ,d y?kdkyhu ;k tuk g vFkkr rhu&pkj ekg e ,d
 Qly d iddj dkVu d lk"pkr vk; iklr gkrh gA ckl d ik/kk dk jki.k nh?kdkyhu
 ;k tuk g D;kfd jki.k d db o"kk rd bl l vk; iklr gkrh jgrh gA r t h l c<u okyk
 ik/kk gku d dkj.k ckl dk d f"kokfudh i)fr e leko" k le; dh vko"; drk cu x;k
 gA —f"kokfudh e bl fuEu idkj l leko f"kr fd; k tk l drk g %

1- eMk ij ckl jki.k

2- Cykd $\frac{1}{4}$ [kM $\frac{1}{2}$ jki.k

3- Qly i)fr e ckl jki.k

4- Hk&{kj.k jkdugr ckl jki.k

1- eMk ij ckl jki.k

ckl dk [krk dh eMk ij yxkdj lhek
 fu/kkj.k d rkj ij i;kx fd;k tk l drk
 gA bl mnn"; d fy; ckl dh fofHkUu
 i tkfr;k mi;Dr ikb x;h g] yfdu tc
 ckl dk jki.k dk ,d e[; mnn"; tfod
 ckM r;kj djuk Hkh gk] rc dkVnkj ckl dh
 t kfr;k lokRre ikb x;h g t l fd cEc /k
 cEc /k ckydkvk vkfna bud
 vfrfjDr , l h ckl tkfr;k tk vR;Ur l?ku
 >kMh cuk yrh g] tfod ckM yxku d fy, cgr mi;Dr gkrh g t l cEc /k UkrU /]
 cEc /k VYMK] MUMkdye / fLVdV / vkfna



tfod ckM r;kj dju d fy, ckl d ik/kk dk eMk ij 1 l 3 eh- dh njh ij jkfir
 fd;k tkrk gA yxHx nk o"kk e gh ik/k lo/ku }kjk ,d fu;fer ckM cu tkrh gA ckl
 dh fodflr ckM d ikl [kr e xgjh trkb ;k xMkb }kjk tMk ,o u; dYyk rFkk
 Åijh Hkkx dh xkBk l fudyh Vgfu;k dh NVkb djuk vko"; d gkrk gA

2- Cykd $\frac{1}{4}$ [k.M $\frac{1}{2}$ jki.k

bl i)fr e ckl dk [k.Mk e [kr d
 fofHkUu Hkkxk e ,d le; vUrjky d
 vulkj jkfir fd;k tkrk gA ckl [k.Mk dk
 bl idkj le;kUrjky ij jkfir dju l
 mud ic/ku e lfo/kk gkrh gA vkj
 lkFk&lkFk ckl fu;fer : i l vk; nrk
 jgrk gA ik;% [k.M jki.k , l [kr e fd;k
 tkrk g t gk ij nljh Qly u mxkb tk
 l d ;k Hkfe dh Åojk"kfDr vPNh u gkA



3- Qly i)freckl jki.k

Qly i)fr eckl dk Qlyk d l kFk&l kFk
mxk;k tkrk gA bl i)fr eckl ,o Qly
,d nlj dh c<okj dk iHkkfor djr gA ;fn
fd lku vf/kd Qly mit pkgrk g rk ckl
dh ifDr ;k dk vUrjky 10 eh- ;k bl l vf/kd
j[kk tk ldrk gA fdUr ;fn ckl dh mit
vf/kd pkfg, rk ifDr ;k dk vrjky 6&7 eh-
rd j[kk tk ldrk gA



n" k d e/ ; {k= e cEc l k cYkdvkj cEc l k
oYxfj l] cEc l k cEck l] MUMkdye l fLVdV l d l kFk e[; r% xg] /kku] eDdk] Tokj]
ckt jk] nky vkfn Qlyk dh [krh dh tkrh gA nf{k.k {k= e MUMkdye l gfeYVkuh d
l kFk /kku] rEckd] fep] xUuk vkfn dh [krh dh tkrh g] ogh iokRrj {k=k e
MUMkdye l d l kFk /kku dh Qly e[; :lk l ipfyr gA ckl dk d f"kokfudh e
leko" k nh?kdky rd ykHkin jgrk gA

4- Hk&{kj.k jkdugrckl jki.k

eMk ij drkj eckl jki.k ,d idfrd ckM
d :lk e dke djrk gA db ckj rk ;g ckM
bruh ?kuh o etcr gk tkrh g fd tkuojk o
eu' ;k }kjk bl ikj djuk ef"dy gkrk gA
bl d mfpr icU/ku l fd lku ifro" k
vfrfjDRk vk ; Hkh iklr dj ldr gA bl rjg
dh ckM dk ufn ;k o ek leh ukyk d fdukj ij
r ;kj fd ;k tk ldrk g] ft l l {k= dk ty l
gku oky Hkfe dVko l cpk ;k tk l dA o"kk
_r eftu txgk e FkkM le ; d fy, rFkk
rho xfr l ty&Hkjko gkrk g] mud rVk ij 4
l 5 eh- d vUrjky dh ifDr ;k rFkk ,d eh- d
vUrjky ij ckl d ik/kk dk jki.k dju l ty
{kjk Hkfe dVko dk jkd k tk ldrk gA



ckl vk/kfjr d f"kokfudh ekMy

ckl \$Qly i)fr

ckl dk 8 x 8 eh- l 10 x 10 eh- ¼cm vkdkj okyh tkfr ½ rFkk 5 x 2 eh- ¼Nkv vkdkj
okyh tkfr ½ dh njh ij yxk ;k tkrk gA vUr% Qlyk e rjct] lk ;kchu] xUuk rFkk

l fct ; k bR ; kfn rhu o"kk rd mxkb tk l drh g] yfdu Nk ; k e mxu okyh Qly t l
fd vnjd] gYnh] vjch bR ; kfn dk ckn e Hkh mxk ; k tk l drk gA

ck l \$vk" / kh ; i k / k i) fr

bl i) fr e , l vk" / kh ; ik / kk dk p ; u fd ; k tkrk g tk ml { k = dh LFkykdfr
¼ Vki k xk Qh ½ d fy , mi ; Dr gkA vjd l h rFkk ft ft c j l h o" k d i k / k Nk ; k e mxr g]
vr % bUg vUr % Qlyk d : i e mxk ; k tk l drk gA

ck l dk xg okfVdk e l eko'k

Xkg okfVdk ¼ gke xkMu ½ ?kj d l ehi fLFkr gkrh g vkj ble ik ; % ek leh l fct ; k mxkb tkrh
gA vxj bl dk vdkj cMk gk rk vU ; Qlyk d l kFk ck l Hkh yxk ; k tk l drk gA ble
e [; r % cEc / k ckYdkvk] cEc / k UkrU /] cEc / k ykxh / i hdykVk rFkk cEc / k oYxfj / vkfn
ck l dh tkfr ; k yxkb tkrh gA vUr % Qlyk d : l k e l fct ; k] gYnh] vnjd vkfn yxk ;
tkr gA ck l dh LkUnjrk d dkj . k ml l tkoV d rkj ij Hkh yxk ; k tkrk gA ck l dh dN
tkfr ; k t l cEc / k ikyhekQk] cEc / k oUVkd / k] cEc / k oYxfj / e [; r % Hk & l Unjhdj . k d
fy , mxkb tkrh gA db ckj ck l dk l tho ckM d rkj ij Hkh mxk ; k tkrk gA

Ckk I ɕc/ku

Ckk I dh mRikndrk c<ku d fy, bldk fu;fer icU/ku djuk cgr t : jh gkrk g] bll l {e okrkoy.k lgh jgrk g rFkk dYe dh c<okj Hkh vPNh gkrh gA

xMkb& o'k e nk ckj dYek d pkjk vkj dh feVVh dh xMkb djuk vko"; d gkrk gA dYe l yxHkx 30&50 l-eh- dh njh rd dh rFkk 10&20 l-eh- xgjh feVVh dh [knkb djuk ykHkin jgrk gA xMkb dju l dYe dh c<okj vPNhgkrh gA

[kji rokj fu;=.k& jki.k d ikjfeHkd o'kk e fu;fer :lk l [kji rokj fudkyuk vko"; d gkrk gA iFke 2 o'kk e o'kk __r d ckn rFkk ue ek le d vUr e ;g dk; fd;k tkrk gA bll ck l rFkk [kji rokj d chp e ik'kd rRok d fy, ifrLi/kkugh jgrh g rFkk ck l dh c<okj vPNh jgrh gA ,d ckj dYe vPNh rjg l LFkkfir gku ij [kji rokjk dh l [;k Lor% de gku yxrh gA

kyokj& ck l dh fxjh gb ifRr ;k iyokj ¼eYp½ d : lk e dke d jrh g] ft l l ueh cuh jgrh gA l kFk gh ftok''k dh ek=k c<rh g rFkk jk l k; fud dku Hkh c<rk gA ck l dh vPNh c<okj d fy, flfydk dh t : jr gkrh g tk ifRr ;k d iyokj l fey tkrk gA

feVVh p<kuk& idn ¼jkb tke½ Hkfe dh l rg dh {kfr t fn''kk e feVVh d vUnj gkr gA t c mul u; ru fudyr g rk feVVh e FkkMk l k mHkkj gk tkrk gA , l h voLFkk e u; h feVVh dk ml mHkkj oky LFkku t gk l u; k ruk fudkyuk g] d fdukj p<k nu l dYe dh c<okj vPNh gkrh gA

NVkb& dN itkfr ;k ¼t l MUMkdye l gfeYVkuh rFkk cEc l k ckYdkv½ e dYe d fupy Hkx l dkQh l [;k e ''kk[kk; fudyrh gA bu ''kk[kkvk dh NVkb dju ij ruk dh c<okj vPNh gkrh gA n l j rFkk rh l j o'k e gYdh NVkb djuh pkfg, rFkk pkFk o'k d ckn Hkkjh NVkb djuh pkfg, A l Hkh l [k ,o {kfrxLr ruk dk fudkyuk pkfg, A NVkb dk mfpr le; fn l Ecj o tuojh g] t c ck l l l rkoLFkk e gkrk gA u; ru d fudyu d igy Hkh NVkb dh t k l drh gA

l Qkb& dYe d LFkkfir gk tku d ckn bldk icU/ku cgr egRoi.k gA idn {kfr t fn''kk e c< dj mij dh vkj u; dye fudkyrk gA iR; d dYe dk vPNh rjg l mxu d fy, lk;klr LFkku pkfg, A vr% ijku jkx xLr] l [k ;k vkM&frjN ruk dk fudkyuk vfr vko"; d gkrk g ft l l dYek dh of) e dkb ck/kk u vk; A

fojye& dYek dk lgh vkdkj e mxu d fy, rFkk vi l e ifrLi/kk de dju d fy, de t kj o fof{klr ruk dk fudky nuk pkfg, A

f l pkb& jki.k d ckn ikjEHkd o'kk e ck l d i k/kk dk vf/kd ek=k e i k'kd rRok o ikuh dh vko"; drk gkrh gA enk e ueh dh deh d dkj.k idn dh of) vPNh ugh gkrh gA vko"; drkul kj fl pkb dju l u; i k/kk dh eR; nj de gk tkrh g rFkk LoLFk dYek dh l [; k e c<Rrjh gkrh gA

mojdk dk i; kx& ck l dh inkokj c<ku e mojdk dk egRoi.k; kxnku gA bud i; kx l ck l d i k/kj idUn o dYe vf/kd r t h l mxr o c<r gA l ekU; r% ck l dk mojd d : l k e QkLQkj l i kVf" k; e rFkk ukbVktu dh vko"; drk gkrh gA ck l d i jkg mRiknu rFkk dYe mRiknu d fy, mojd dh ek=k fHkUu&fHkUu gkrh gA jki.k d le; xM<k e mojd dk feWh d l kFk feyk dj Mkyuk pkfg, A fQj iFke o'k e jki.k d 2 ekg d ckn rFkk fQj l l rkoLFkk d ckn iu% mojd fn; k tkrk gA mojd dk dYe d pkjk vkj xM< e ueh d le; Mkyk tkrk g rFkk fQj m l feWh l <d nr gA

ck l dk o"kokj fpUghdj.k , o dVku

ck l i t $\frac{1}{4}$ dYei $\frac{1}{2}$ dh c<okj pØh; : l k e vUnj l ckgjh ifjf/k d : l k e gkrh gA l c l i jku dYe $\frac{1}{4}$ ru $\frac{1}{2}$ vny d pØ e rFkk m l l ckn d dYe Øe" k% ckgj d pØk e fudyr gA i k jEHk d , d nk o'kk e iry ru fudyr g fQj vkx d o'kk e vf/kd 0; k l d e tcr ru fodflr gkr gA ifjiDo ru dh vk; tkuu d fy, dYe d fudyu d o'k dk fpUgr fd; k t k l drk gA b l dh , d fof/k g , d jx dh iVvH oky rU=] b l e pkj jxk dk pØ fy; k t k l drk gA b l i) fr e iFke o'k e fudy dYek dk yky jx l yxHkx ru dh 1-37 eh- mpkb ij fpUgr djr gA b l h idkj f}rh; j r r h; o prFk o'kk e fudyu oky dYek e Øe" k% ihy] uhy] o dky jx l fpUgr djr gA

ck l jki.k d rhu o'kk ckn ruk dk dVku ifro" k gkrk gA , l k dju l u; ru vk l kuh l fudyr g rFkk LoLFk dYek dk mRiknu gkrk gA dYe dh vk; m l d mi; kx d fy, egRoi.k gA ;fn budk mi; kx , l dke d fy, fd; k t k jgk g] ft l e budh Hkfrd rFkk ; kf=d x.k dh pje l hek dh vko"; drk ugh gkrh rc 2&3 o" k d dYe dk dkV k t k l drk gA vf/kdrj mi; kxk d fy, 4 o" k dk ck l dkV k tkrk gA 5 o" k l vf/kd vk; dk ck l Hkxj o de t k j gk tkrk g vkj b l dh x.koRrk ij foi jhr iHkko iMrk gA Ck l dk dkVu dk mi; Dr le; "khr _r $\frac{1}{4}$ vDvcj d ckn $\frac{1}{2}$ gA b l le; ck l l l rkoLFkk e jgrk g rFkk LVkp dh ek=k de gkrh g] ft l dkj.k o Nnd dh v] nhed rFkk vU; dhV k d vkØe.k l de iHkfor gkr gA dYe dk eku l u d ek l e e ugh dkVuk pkfg, A b l le; u; dYy fudyr g] ft Ug dVku l gkfu gkrh gA l kFk gh b l ek l e e jkxk o dhV k dk Hk h idki vf/kd gkrk gA

ck l dkVu dk e[; rjhd k , o l ko/kkfu; k

ifjiDo ck l DYei $\frac{1}{4}$ > .M $\frac{1}{2}$ d vUnj dh vkj gkr g] vr% > M e , d vkj l i k/kk dk dkVdj jkLrk cukdj vUnj d ifjiDo ck l k dk dkVuk l c l mi; Dr dVkb dk rjhd k

gA fo{klr rFkk jkxh ruk dk ft ruh tYnh gk l d dkV nuk pkfg, A dYe dkVu l igy
fupy ir dh “kk[kk vk dk dkVuk pkfg, A bl l dYe dkVu e vk l kuh jgrh gA dYe
dk Hkfe l de l de nk ir NkMdj dkVuk pkfg, A bl l idn dk gkfu ugh igprh
gA dYe dk frjNk dkVuk pkfg,] rkfd cp g; Hkkx e o"kk dk i kuh] vU; jkx mRiknd
inkFk u jg l d rFkk og dod] dhVk.k o dhV l l jf{kr jgA rhu l ikp o"kk dh vk;
d ck l k dk dkVuk gh J'B jgrk g D; kfd ; e tcr gkr g ,o bue ?ku vkfn dk idki
Hkh de gkrk gA

Ckk I I o/ku

ck I dk I o/ku e[; r% rhu idkj I fd;k tkrk g %

$\frac{1}{4}1\frac{1}{2}$ cht }kjk $\frac{1}{2}$ okuLifrd fof/k }kjk $\frac{1}{3}\frac{1}{2}$ Ård I o/ku }kjkA

1- cht }kjk

T;knkrj ck I dh itkfr;k e cht ifro"ku
ugh vkrk g vr% I h/k cku dh fof/k dk
mi;kx cht iklr gku oky o"kk e gh fd;k
tk I drk gA ftu ck I dh tkfr;k e
ifro"ku lefpr cht iklr gkrk g] mue
I o/ku ifro"ku I h/k cokb }kjk fd;k tk
I drk gA



Qjoj h I tu d e/; ck I d dYe dk
fgykdj ;k yEc MM I >kM dj vFkok cht
'kk[kkvk dk dVdj cht iklr fd;k tk
I drk gA cht fxjku rFkk ,df=r dju I
igy Hkfe ij DyEi d pkjk vkj diMk fcNk
nuk pkfg, ft I I I fuf'pr DyEi dk rktk
cht gh ,df=r fd;k tk I dA ;fn chtk
dk dN Ie; d fy, j[kuk gk] rk mUg



I [kkdj ok;jk/kh fVu d duLrjk e j[kuk pkfg, ft I I dhVk I mudk cpko fd;k tk
I dA chtk dh vdj.k {kerk ,d I nk ekg rd gkrh gA fdUr vPN j[k&j[kko }kjk
bl c<k;k Hkh tk I drk gA uljh e ck I d ik/k r;kj dju d fy, chtk dk 48 ?kV
igy ikuh e fHkxkuk pkfg, rFkk cokb I io doduk'kh d 0-2 ifr'kr ?kky e nk feuV
d fy, j[kk tkuk pkfg,A cokb I 5&10 fnuk d vnj chtk dk teko "k: gk tkrk g
rFkk yxHkx ,d I lrg e ik/k ,d iRrh dh
voLFkk e vk tkr gA

2- okuLifrd fof/k }kjk

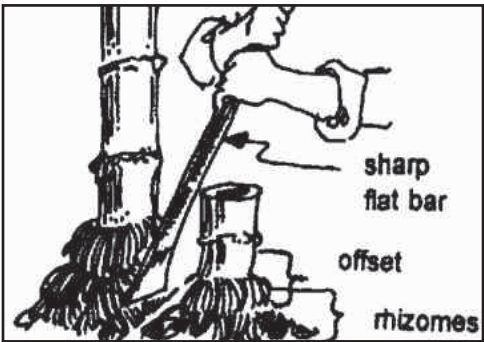
okuLifrd fof/k }kjk fuEufyf[kr rjhdK I
ck I d ik/k r;kj fd, tk I dr g %

$\frac{1}{4}v\frac{1}{2}$ idn $\frac{1}{4}jkb$ te }kjk% % idn legk I
idn dk vyx djd nIj LFkkuk ij jki.k



fd;k tk l drk gA iFkDdj.k d le; e[; ru dk fcuk {kfr igpk, idn dk FkkMh
tM lfrgr tMko d LFkku l lko/kkuhiod vyx djuk pkfg,A bu idnk dk o"kk _ r
e io l r; ;kj LFkku ij jki.k dju l vPN ifj.kke feyr gA

$\frac{1}{4}C\frac{1}{2}$ HkLrkfjdk $\frac{1}{4}vkQIV\frac{1}{2}$ fof/k }kjk % ;g ckl
io/ku dh lcl l jyo vf/kd mi; kx dh
tku okyh fof/k gA ch t dh miyC/krk u gku
ij Hkh bl fof/k }kjk jki.k d fy, u, ik/k
r; ;kj fd, tk l dr gA bl d fy, , d ;k nk
o"kk ijku dYe dk yxHkx 30&50 leh- Åpkb
ij dkV nr gA bl d ckn Hkfe dk [kkndj
idn dk tM lfrgr lko/kkuhiod vyx dj
yr g vkj bl jr dh vLFkbb ik/k'kkyk e yxk
nr gA iFke o"kk gku ij bu HkLrkfjdkvk dk nk& rhu dfydkvk lfrgr Hkfe e xM<k cukdj
yxk nr gA iFke o f}rh; o"kk l u; dYe fudyu 'k: gk tkr gA mfpr ic/ku }kjk
pkj&ikp _rvke yxHkx 20&25 dYe cu tkr gA



3 dye }kjk %

bl fof/k }kjk fuEufyf[kr nk rjhd k l ik/k r; ;kj fd, tk l dr gA

$\frac{1}{4}v\frac{1}{2}$ ru dh dye }kjk $\frac{1}{4}c\frac{1}{2}$ 'kk[kk dh dye }kjk

$\frac{1}{4}v\frac{1}{2}$ ru dh dye }kjk % ;g fof/k l ;Drk{kh
ck l k d fy, mfpr ikb x; h gA cEc l k
rFkk MUMkdye l tkfr d ck l k e bl d
lUr k'k tud ifj.kke fey gA 2 o"kk l
de vk; d ck l d ruk dk 2 ;k 3 io
;Dr NkV&NkV Hkxk e vkjh l
lko/kkuhiod dkV k tkrk gA VdM
dkVu l igy o m l d mijku r ck l dk
ikuh e fHkxkuk t : jh gkrk g] ft l l fd



ck l e ueh cuh jgrh gA bl d ckn io e Nnd e'khu $\frac{1}{4}fMy\frac{1}{2}$ }kjk Nn fd;k tkrk
g] ft le ,u,-,- $\frac{1}{4}u\frac{1}{4}Fkyhu$, fl fVd , fl M $\frac{1}{2}$;k vkb-ch,- d 100 ih-ih-,e- l kUnrk
dk 200 feyh- foy; u Mkyk tkrk gA bl d fy, 2 xk- ,u,-,- ;k vkb-ch,- dk 10
yhVj ikuh e ?kky cuk; k tkrk gA ;g : fVx gkjeku tMk dk 'kh?k fodfl r dju
e enn d jrk gA bu fNnk dk Vi l cUn dj fn; k tkrk g rFkk m l d ckn cfoLVhu
 $\frac{1}{4}$ doduk'kh $\frac{1}{2}$ d 0-1 ifr'kr $\frac{1}{4}$ 1 yh- ikuh e 1 xke cfoLVhu $\frac{1}{2}$ foy; u e Mckdj u l jh
e yxk nr gA

nk dyek d chp 10&15 leh- dh njh
j[kuh pkfg, rFkk dYek d io fdukjk
dh rjQ gku pkfg,A i.k : i l tM o
dYy vku d ckn bUg fudkydj iR;d
io dk dkVdj vyx dj fn;k tkrk gA
bu ik/kk dk Fkyh ft le 2 ½ 1 ½ feVh
½ cky ½ xkcj dh [kkn½ dk feJ.k jgrk g]



e LFkkfir dj fn;k tkrk gA ru d vk/kkj o e/; Hkx l dYe yu l vPN ifj.kke
vkr gA ;g fof/k l ;Drk{kh ck l dh i tkfr;k d fy, mi ;Dr ik;h xb gA
nk dyek d chp 10&15 leh- dh njh j[kuh pkfg, rFkk dYek d io fdukjk dh
rjQ gku pkfg,A i.k : i l tM o dYy vku d ckn bUg fudkydj iR;d io dk
dkVdj vyx dj fn;k tkrk gA bu ik/kk dk Fkyh ft le 2 ½ 1 ½ feVh ½ cky ½
xkcj dh [kkn½ dk feJ.k jgrk g] e LFkkfir dj fn;k tkrk gA ru d vk/kkj o e/;
Hkx l dYe yu l vPN ifj.kke vkr gA ;g fof/k l ;Drk{kh ck l dh i tkfr;k d
fy, mi ;Dr ik;h xb gA

½C½ 'kk[kk dh dye }kj k ½ M< l nk o" k rd
d LoLFk ruk l 'kk[kkvk dk ok;oh;
tMk d lkFk gh vkjh l e[; ru l
dkV fy;k tkrk gA ifRr;k rFkk vU;
'kk[kkvk dk l ko/kkuhiod fl dV;j l
dkVt tkrk gA iR;d dYe e 2 l 5 io
rFkk LoLFk dfyd, gkuh pkfg,A dYe



dk vkb-ch,- ; k ,u,-,- d 200 ih-ih-,e- l kUnrk oky gkjekuy foy ;u e 24 ?kV
d fy, j[kk tkrk g fQj bu 'kk[kkvk dk cfoLVhu ¼doduk'kh½ d 0-1 ifr'kr
foy;u e Mckdj lh/k jki.k D;kjh e 2&3 leh- njh ij vk/kkj l 7&10 leh- rd
Hkfe d vUnj jr o xkcj dh [kkn ;Dr uljh e yxk nr gA mi ;Dr ic/ku t l fd
fu;fer flpkb o mfpr Nk;k dh 0;oLFkk gku l yxHkx ,d l l rkg e ifRr;k
fudyuh “k : gk tkrh gA tM yxHkx 50&60 fnuk e fudy tkrh g rFkk u;h ik/k
r;kj gk tkrh g] ft Ug ikfyFkhu dh Fky; k e LFkkukUrfjr dj fn;k tkrk gA

¼4½ nkc dye ¼y; f jx½ }kjk %

ck l lo/ku e bl fof/k dk ipyu cgr l hfer gA bl fof/k e dYe dk >dkdj tehu
e nck nr g] ft l l fd dN fnuk d ckn xkBk ij tM rFkk ijkg ¼ruk½ Hkkx fodfl r
gk tkr gA bu ijkg Hkkxk dk dkV dj u; ik/k jki.k fd; tk l dr gA

¼5½ xVh }kjk %

bl fof/k e ck l dh dYe e LoLFk 'kk[
fo'k"kr% ftue NkVh&NkVh tM rFkk
dfydk, g½ NkVh tkrh gA fQj 'kk[
dYe dh lf/k ij tk vkoj.k yxk gkrk g]
ml fudkydj ml LFkku ij ,u,-,-
¼u[Fkyhu ,flfvd ,flM½ dk VYde
ikmMj d l kFk cuk; k x; k feJ.k yxk fn;
tkrk gA ml ij ekl ?kk l yxkdj o ckgj
l ikyhFkhu yiVdj ck/k fn; k tkrk gA bl
LFkku dk ue cuk; j[ku d fy,
le;≤ ij Q0okj l flfpr djuk
pkfg,A dN ekg i'pkr 'kk[
fudyu yxrh gA fQj bu 'kk[
e[; dYe l vyx dj ikfyFkhu dh Fkfy;
e LFkkukUrfjr dj fn; k tkrk gA bl rjg
ub ik/k r; kj gk tkrh gA



¼6½ iFkDdj.k }kjk ¼e0k ikfyQj'ku½ %

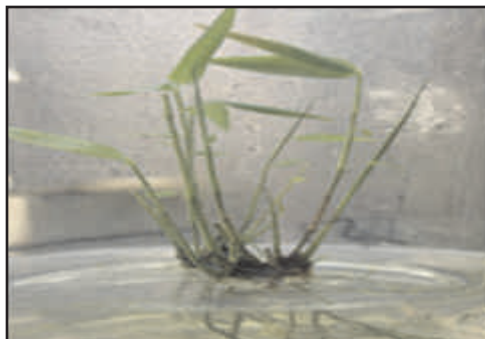
bl fof/k e chtk dk uljh e ifDr; k e yxk
fn; k tkrk gA yxHkx ,d ekg ckn tc ik/k e
2&3 ifRr; k vk tk; rc bUg ikfyFkhu dh
Fkfy; k e] ft le cyvk feWVh rFkk xkcj dh
[kkn 3 % 1 vuikr e gk] yxk fn; k tkrk gA
bu ik/k dk 4 ekg ckn tc 3&4 ru dh
voLFkk gk] fudky fy; k tkrk gA feWVh dk
l kQ dju d ckn iR; d ijkg] idn rFkk tM
l fgr l ko/kkuhiod fl dfV; j dh l gk; rk l vyx fd; k tkrk gA bl idkj ,d ik/k l
db ik/k r; kj fd, tk l dr gA bu vyx&vyx fd; x; ik/k dk 0-1 ifr'kr cfoLVhu
doduk'kh d ?kky e Mcku d ckn jki.k D; kjh ; k ikfyFkhu dh Fkyh e yxk fn; k tkrk gA



¼7½ Ård lo/ku }kjk %

Ård lo/ku ,d , l h fof/k g ft l d }kjk
i ; kx'kkyk e ikni dkf'kd] Ård ; k ikni
d fd l h Hkkx] t l t M] i Rrh] ruk] dfydk
vkfn dk —f=e ik"kd ek/;e rFkk thok.k
jfgR LoPN okRkoj.k e lo/ku dj vf/kd
l [; k e vkuof'kd : i l leku ik/k iklr
fd ; tkr gA bl fof/k d }kjk de le ; e

vf/kd l [; k e ij l ky Hkj ik/k r ; kj fd ; tk l dr gA ik/kk dk vPNh rjg
dBkjhdj.k dju d ckn mfpr ek le e budk jki.k [kr e fd ; k tkrk gA bl idkj
mRiUu dh x ; h ik/k thok.k o dod jfgR gkrh g rFkk bl fof/k d fy , egx l l k/kuk
dh t : jr iMrh g] yfdu vxj cgr l [; k e ik/k r ; kj dju gk rk ; g fof/k mi ; Dr
ikb x ; h gA



ck l e dhV , o jkx çc/ku

,f''k;k e yxHkx 800 l vf/kd dhV dh , l h i tkfr;k g t k fd ck l dk rFkk m l l cu mRikn dk ud l ku igprh gA bue l yxHkx 180 i t kfr;k gekj n''k e gh lkk;h t k r h gA

ik/k'kkye ck l d ie [k dhV rFkk mudk çc/ku

Ø-l-	dhV	dhV jkjk ud l ku	mipkj
1-	nhed ¼vkMKUvKVE l ekbØkM.VV l ½	Hkfexr vdfjr ch t k] tMk o jkbtke dk Hk{k.k djr gA	Dykjki kbjhQk l 20 b-l h- dk 100 fe-yh- ifr 50 yh- ikuh e r;kj ?kky dk 10x1 eh- dh D;kjh ij MkyA
2-	pQj xo ¼gkykVkbfd;k dU l uxfu;k½	,d o''k i jku ik/kk dh jkbtke o tMk dk [kkdj ud l ku igpr gA	Dykjki kbjhQk l 20 b-l h- dk 100 fe-yh- ifr 50 yh- ikuh e r;kj ?kky dk 10x1 eh- dh D;kjh ij MkyA
3-	fVMMk ¼gkjXyH Q l ofu;k½	gj gYd Hkj fVMMk d cPp ,o ik< ifrR;k dk tykb l fl rEcj e vf/kd {kfrxLr djr gA	QkyhfFkvku 50 b-l h- dk 0-2 ifr'kr tyh; ?kky dk fNMdkoA
4-	fprjxk fVMMk ¼ikb l hykf l j l fidV l ½	pedhyh uhyh gjh ,o ihyh /kkfj;k oky fprjx fVMMk d ik< ,o cPp ifrR;k dk ud l ku igpr gA	QkyhfFkvku 50 b-l h- dk 0-2 ifr'kr tyh; ?kky dk fNMdkoA

ik/k'kky e ck l d çe [k jkx rFkk mudk çc/ku

jkx	dod	mipkj
MfEix vkQ	jkbt kDVkf u;k Ikyukb] ; tfj;e i t kfr	cfofLVu ,o diVku QQn uk'kdk d feJ.k dk 0-1 ifr'kr ?kky l enk mipkj
ej>k jkx	; tfj;e l ehVDVe] ; tfj;e vkD l hL ikje	cfofLVu ,o diVku QQn uk'kdk d feJ.k dk 0-1 ifr'kr ?kky l enk mipkj
Rku e jkx	jkbt kDVkf u;k Ikyukb] l kbVkl ikjk cEcfluk	Eku d k t c d 0-2 ifr'kr tyh; ?kky dk fNMdkoA
ifrR;k d jkx		
yhQ CykbV	vYVjufj;k i t kfr] dkVf l ;e dkyjkxk] dkyVkvk bde Xyk;kL l kfjvkfM l	CykbVkd l &50 dk 0-25 ifr'kr ;k Dop dk 0-2 ifr'kr ;k ftuc dk 0-2 ifr'kr vkfn QQn uk'kdk d tyh; ?kky dk fNMdkoA

	<i>I d k L i k j k i t k f r]</i> <i>d k f u ; k r F k f j ; e i t k f r]</i> <i>d j k M k F k l v k f j ; k]</i> <i>d c y f j ; k Y ; u V k]</i> <i>g Y e h U F k k L i k f j ; e c E c l h]</i> <i>M D V h y f j ; k i t k f r]</i> <i>, D l j k f g y h ; e j k L V V e]</i> <i>, - g k y k M l]</i> <i>M d l y j k j k L V V k]</i> <i>Q k b y k d k j k M . M k d y k e h]</i> <i>Q k - c E c l h</i>	
y h Q j L V M k L V j y k f M c h u k] i D l h f u ; k i t k f r] i - x f l y . V k] i - t U F k k L i e k] V ; c h d k l l k j k c k x p k		e U d k t c d k 0-2 i f r ' k r v k f n Q Q n u k " k d k d t y h ; ? k k y d k f N M d k o A

ck l e dhV ,o j k x d y {k.k

Øe l- dhV		Yk {k.k
i R r h f x j k u o k y %&		
1	y h Q j k y j	b l d y k o k i f r r ; k d l k F k f p i d t k r g v k j i f r r ; k d Å i j h Å r d k d k u d l k u i g p k r g A
2	f M L d k Q k j k l k u M k b d k	b l d y k o k i f j i d o i f r r ; k d k [k k r g] f t l l i f r r ; k f x j u y x r h g A
3	i l k j k f y d k j f l l f y l	b l d y k o k g j h i f r r ; k d v k r f j d H k k x d Å r d k d k [k k r g A
4	g D l k l U V j l ; u h D y k j	b l d h V d f u E Q , o o ; L d v o L F k k n k u k g h c k l d h i f j i d o i f r r ; k d k u d l k u i g p k r g A
j l p l u o k y %&		
5	l j v k o k d u k f l Y o L V h , o e t l v k C V l h j k L V l	e k g % , f Q M % c k l d h i f r r ; k , o d k i y k d j l d k p l r g f t l d d k j . k i f r r ; k i h y h , o f l d M t k r h g v k j f o d k l : d t k r k g A
6	, . V k f u u k L o -	f e y h c x d k i y k d j l d k p l y r k g] f t l d d k j . k c k l d h x . k o R r k [k j k c g k t k r h g A
d Y e c k j j %&		
7	, f L V x e u k p k ; u f l l l	b l d y k o k c j l k r d e k l e e v f / k d f Ø ; k ' k h y j g r g v k j c k l d r u d u e Å r d k d k { k f r i g p k r g A

tM [kku oky %&	
8	ekbØkVe / Li- ,o vkMKUVkVe / Li- nhed ck l d u; ik/k ,o ijku ik/kk d jkbtke ,o tMk dk ud lku igprk g ft l l ik/kk ej tkrk gA
9	gkykVkbfd ;k dU l uxfu ;k xCl u; fudyu oky jkbtke dk [kk tkr gA ft l d dkj.k u; ik/k l [k tkr gA
cht dhV %&	
10	mnxk ekuVkuK cx Qyk oky u; fodflr cht k ij vkØe.k d jrk gA ft l l cht tehu ij fxj tkr gA ifj.kke Lo : i iutUe ifØ ;k i Hkkfor gkrh gA
jKx %&	
11	dYe jkV bld idki vf/kd o"kk oky {k=k e jgrk gA bld lØe.k l xgj Hkj jx dk ?kko dYe ij gk tkrk g vkj u; fudy g, ru lM tkr gA
12	ckUp Mkb cd fn lEcj ,o tuoJh ekg d nkju "kk[kk, l [k tkrh gA lØe.k dh voLFkk e ifRr ;k e uØkf l l gk tkrh g rFkk le; l igy ifRr ;k uhp fxju yxrh gA T ;knk lØe.k gku ij "kk[kk, Hkh i Hkkfor gkrh gA
13	fop l ce bld lØe.k l b.VjukM NkV gk tkr gA
14	CykbV ¼>y l k jKx% bld lØe.k dh fLFkr e dYe "khFk le; l igy l [k tkrk gA



dhV ,o jkxk dk çc/ku

- 1- IØfer dYe dk m[^{kk}M dj u"V dj nuk pkfg, ft l l IØe.k vkj T;knk u Qy l dA
- 2- IØfer dUn ,o dYe dk okuLifrd i tuu d fy, i ;kx ugh djuk pkfg,A
- 3- j l plu oky dhV^k l cpko gr bfeMkDykjfiM dk Li djuk pkfg,A
- 4- ifRr ;k dk ud l ku igpku oky dhMk dk fu;f=r dju gr Dykjik;jhQk l dk i ;kx djuk pkfg,A
- 5- feVVh e Dykjik;jhQk l dk i ;kx dju l tMk dk gkfu igpku oky dhV t l nhed dk fu;=.k gk tkrk gA
- 6- ck l d >y l k jkx d fu;=.k gr dkjcUMkfte 0-25 çfr"kr l fØ; rRo rFkk eUdk t c 0-3 çfr"kr l fØ; rRo dk feJ.k i ;kx djuk pkfg,A
- 7- dYe jkV jkx d jkdFkke d fy, dkjcUMkfte 0-2 çfr"kr l fØ; rRo dk i ;kx djuk pkfg,A

ck l dh dVkb mi jkUr dhV ,o jkx çc/ku

ou vul /kku l LFkku] ngjknu d ,d v/; ;u d vul kj ifro" k yxHkx 4 djKM : lk; dk ud l ku ck l dk Bh d rjhd l l xg.k uk dju l gkrk gA ck l dk 40 çfr"kr ud l ku dVkb mi jkUr Bh d idkj l l xfg r uk dju l gk tkrk gA l xg.k d nkjku ck l e e[; r% nhed rFkk ruk Nnd dhV vR; kf/kd {kfr igpkr gA vr% fuEufyf[kr rF;k ij vey dju l ck l e gku oky ud l ku l dkQh gn rd cpk tk l drk gA

- 1- ck l dk vPNh rjg l /ki e l [kk yuk pkfg,A
- 2- ck l dh dVkb "k" d ek l e e djuh pkfg,A
- 3- ;fn ck l dk dkVu d ckn ikuh e Mck n rk dhV^k d ifr ifrjk/kd {kerk fodfl r gk tkrh gA
- 4- ck l dk 2 fdxk- ckfjd vEy + 2 fdxk- ckjDI rFkk 500 xk- l kfM; e Mk; ØkeV d feJ.k dk 100 yh- ikuh e ?kkydj ck l dk xhyk dj yr gA
- 5- l kbieFkhu vkj ijeffku dhVuk" kdk d l kFk ck l dk mipkfjr dja
- 6- ckjV dk i ;kx djd nhed d idki l cpk tk l drk gA
- 7- nhed d gey dk jkdu d fy, l kbieFku] fQikfuy] bfeMkDykjfiM dk i ;kx Hk.Mkj.k okyh LFkku dh feVVh e dja



fp=&dVkb mi jkUr ck l e. dhVk }kjk ud l ku

ckl dk vkfFkd mi ;kx

Ckk l dk eu"; thou e egRoi.k ;kxnu gA ckl dh mi;kfXrk ,o bldh v l he
vkfFkd l Hkkoukvk dh otg l bl gj l ku dh l Kk nh xb gA bldk mi;kx Hkou
fuek.k l ydj [kkuiku o dVh m | kx e cgrk; r l fd;k tkrk gA vxjcRrh m | kx]
ifdx m | kx vkj dkxt m | kx vkfn e Hkh ckl dh ekx fnu&ifrfnu c<rh tk jgh gA
ckl d fofHkUu vxk t l fd cht] ifRr;k] ruk idn bR;kfn dk n" k d fofHkUu Hkxk e
vyx&vyx rjhd l mi;kx fd;k tkrk gA

cht

l keU;r" n" k d l nj xkeh.k ouok l h o
vkfnok l h ckl d chtk dk [kku d fy,
mi;kx djr gA bld chtk e ikVhu dh
ek=k xg d rY; gkrh gA

ifRr;k

ckl dh ifRr;k i"kvk d fy, pkj dk dke
djr gA bldh ifRr;k e ikVhu j"kk]
[kfut ,o foVfkeU l vkfn vPNh ek=k e
ik; tkr gA lfn;k d ek l e e gj pkj dh
deh gku d dkj.k ckl dh ifRr;k dk egRo
vkj Hkh c< tkrk gA



ckl dku;k ruk

ckl d u; ruk dk fofHkUu idkj d [kk l
inkFk cuku e mi;kx gkrk gA buG rkt k ;k
ik l l djd [kk;k tk l drk gA budk
vpkj cuku e Hkh mi;kx fd;k tkrk gA
bue ikf"Vd rRok d l kFk&l kFk j" k
¼Qkbcj½ dh Hkh ipj ek=k gkrh gA oKkfudk
d vulkj ckl d u; ru d l j jkdu e Hkh
iHkkoh gkr gA vk;on e vLFkek] dQ]
ydok o vU; jkxk d mipkj e i;kx gku
okyk ckl ykpu Hkh ckl d ik/kk l iklr
gkrk gA ckl e foVfkeu] vehuk vEy o
vU; rRo ipj ek=k e ik; tkr g vkj
bld mi;kx l Hk[k c<rh g] jDrpki o
dkyLVky ?kvku e Hkh l gk; rk feyrh gA



Hkou fuek.k e

Hkou fuek.k e ck l cgr ykdfi ; gA

ck l l cu g, ?kjk e HkdEi l gku okyh
{kfr Hkh dkQh gn rd de gk tkrh gA
; |fi LVhy d edkcy ; g de etcr gkrk
g] fdUr ble ykxr Hkh de vkrh gA Hkkjr
d iokRrj jkT ; k e ck l l ?kj cukuk cgr
ipfyr gA

m | kx e

Ckk l dk fofHkUu m | kxk t l fd dkxt
m | kx] Quhpj m | kx] ifdx m | kx bR ; kfn
e cgr mi ; kx gk jgk gA ck l dk phjdj
NkVh&2 rhfy ; k cukdj mudk mi ; kx
vxjcRrh] ifly] ekfp l] VFkfid vkfn
cuku e fd ; k tkrk gA vxjcRrh m | kx dk
rk ck l egRoi.k vk/kkj gA bld vykok
ck l dk mi ; kx irx] ykBh&MM] eNyh
idMu d midj.k] Vkfj ; k] Vkd fj ; k]
dfl ; k] ck l jh] f[kyku o db rjg d
l tkoVh l keku cuku e gkrk gA iokRrj
jkT ; k e ck l , d vkd'kd gLr f''kYi m | kx
d : lk e fodflr gk pdk gA ck l dk
diMk m | kx e cgr mi ; kx gk jgk gA ck l
flYd l cuh gb l kfM ; k dh ck t kj e cgr
ekx jgrh gA

v{k ; Åtk mRiknu e

Ckk l dk mi ; kx dk ; yk cuku e Hkh fd ; k tkrk gA ck l l cu dk ; y e ifr fdykxke
6900&7000 fdyk dykjhfQd oY ; ek tn gkrh gA ck l l , Fkuky dk mRiknu fd ; k
tk l drk g ft l dk okgu b/ku d fodYi d rkj ij bLreky fd ; k tk l drk gA ck l



cny[k.M e ck l dh [krh l vkenuh dh l Hkkouk,]

cny[k.M {k= e T; knkrj fd l ku [krh d fy, o'kk ij fuHkj jgr gA , l e ik; % ifrdy ek l e l mudh [krh iHkkfor gkrh g vkj ud l ku >yuk iMrk gA cný[k.M e ek l e dh foi jhr ifjflFkfr; k e Hkh ck l fd l kuk dh cgr l kjh t : jrk dk ijk dju e dkQh l gk; d gkxkA i"kiyu ; gk d fd l kuk dk , d vfHkUu 0; o l k; g] yfdu l [k vkj gj pkj dh deh gku l fd l ku bldk Hkjij Qk; nk ugh mBk ikr gA db ckj rk pkj dh deh d dkj.k fd l ku tkuojk dk [kyk NkMr g] ifj.kkeLo : i {k= e ^vUuk iFkk* d rgr yokfj l l k"kvk dh l [; k c<rh t k jgh gA cný[k.M d xkeh.k {k= e vHkh Hkh cgr l kjh tul [; k [kkuk cuku d fy, b/ku d rkj ij ydMh , o xckj d miyk dk i; kx djrh gA bl rjg tk xckj [kkn cuku d fy, i; kx gkuk pkfg, Fkk] ml b/ku d rkj ij pYg e tyk; k tkrk gA bld vykok {k= d ykxk dk db ckj tykÅ , o bekjrh ydMh dh t : jrk dk ijk dju d fy, ck tkj ij fuHkj jguk iMrk gA

, l h ifjflFkfr; k e ck l dh [krh cný[k.M d fd l kuk d fy, ojnku l kfc r gk l drh gA bldk viuku l fd l kuk dh t : jr t l pkjk] tykÅ , o bekjrh ydMh dk ijk dju d l kFk&l kFk jkt xkj o vk; vt u d u, l k/ku Hkh miyC/k gk l dr gA fd l ku ck l dh i k/k"kk yk r; kj dj vfrfjDr vk; vft r dj l dr gA ck l d fofHkUu mRikn t l fd Vkd f j; k] ykfB; k] l h<h] Quhpj] [krh&ckMh e i; kx gku oky ; =k d gMy] l tkoVh l keku bR; kfn cukdj , o cpdj Hkh viuh vkenuh c<k l dr gA vxj fd l ku feydj cM {k= e ck l dh [krh djr g vkj fd l h dkj [kku dh ekx dh ifr dju e l {ke gkr g rk bl {k= e ck l vk/kkfjr dkj [kkuk LFkfr gku dh Hkh l Hkkouk, c< tkrh gA , l k gku l jkt xkj d l k/ku Hkh c<xA fd l ku ck l dk [kr dh l hek ij] drjk e vFkok [k.M e yxk l dr gA ct j , o l kenkf; d Hkfe ij Hkh bl yxk; k t k l drk gA ; gk d dN fd l kuk u y?k Lrj ij ck l dh [krh "k : dh g] ft l l mudk ykHk Hkh feyk gA Jh gjiky flg] xke&glRukij dk , d fd l ku g ft l u dN o'k igy viuk [krk e ck l yxk; k Fkk vkj vc ; g ck l m l d fy, vfrfjDr vk; dk , d l k/ku cu x; kA bl fd l ku dh dke; kch dh dgkuh dk mYy [k fuEufyf [kr gA

Jh gjiky flg i= Lo- Jh jke flg xke glRukij] >k l h u o'k 2008 e viuh tkr d nk rjQ flpkb ukyh d fd ukj ck l %cEc / k oYxfj l ½ d 85 i k/k 4 ehVj d vUrjky ij jkiA Jh gjiky flg 07 , dM d d"kd gA bud ifjokj e 10 l nL; g] ftudk ikyu&i k'k.k ikjEifjd [krh] i"kiyu rFkk xfe; k e , d , dM e l Ct h rFkk pkjk Qly dh [krh l gkrk gA bud i k l 4 Hk l g vkj bud d; e bruk ikuh g fd , d

,p-ih- dh ekVj xeh e 2&3 ?k.V ifrfnu
py tkrh gA Jh gjiky flg viuh vkenuh
c<ku d fy, dr ldfYir Fk ijUr [kr ij
iM yxku l Mjr Fk fd dgh Qly ij
n'iHkko u iM vkj cktkj Hkko l Hkh
vk"kfdr FkA lLFkku d oKkfudk l ppk
mijkUr og ck l d ik/k ukyh d fdukj tkr
dh lhek ij yxku dk lger g,A ukyh l
cgu oky ikuh d lni;kx ,o ck l dh lh<h rFkk fuek.k lkexh d : i e miyC/k
cktkj e[; : i l ijd jgA Jh gjiky flg dk o"k 2012 e ck l dh fcØh l ` 15]000@&]
o"k 2013 e ` 20]000@& rFkk o"k 2014 e ` 35000@& dh vfrfjDr vk;
iklr gbA o"k 2015 e ou foHkkx nfr; k ¼e-i-½ u ou jki.k gr ` 1]15]000@& dk Ckk l
bul [kjh nka bl idkj] 7 o"kk e Jh gjiky flg dk ` 26]000@& ifr o"k dh nj l
vk; iklr gbA ck l dVkb mijkuR cp jkbtk e l iu% u; ik/k fcØh gr r;kj gA Ckk l
jki.k mudh tkr dk lhekdu rFkk ckM dk dk; dj jgh gA fofnr g fd bu 7 o"kk e
¼2008 l 2015½ nk o"k ¼2009 rFkk 2014½ e l [kk iMk FkA o"k 2013 e vfrof'V l Qly
[kjkc gk x;h Fkh rFkk o"k 2015 eksp e viR;kf"kr o"kk rFkk rt gok l xg dh e[;
Qly pkiV gk xb Fkh yfdu fQj Hkh Jh gjiky flg dk Ckk l u vkfFkd l dV l mckj
fy;kA Jh gjiky flg dk [kr fVdkÅ [krh d ekMy d : i e tkuk tkrk g vkj
fd l ku leg] Lo; Lkoh lLFkku rFkk fodk l foHkkx d depkjh le;≤ ij bud
[kr ij Hke.k d fy, vkr gA



Swachh Bharat Abhiyan



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