

2.7 ou j{k.k

fogxkoykdu

,d vkj ou ikni itkfr;k d uk'khdhV
rFkk jkx leL;k, e[; :lk l mRikndrk dk
grkRlkfgr djr g rFkk nljh vkj ouhdj.k rFkk
lk;koj.kh; l/kkj d fy, nh?kkof/k dk;Øek dk
iHkkfor djr gA Hkkjrh; okfudh vulU/kku ,o
f'k{kk ifj"kn d lLFkkuk e vulU/kku d e[; :lk l
uk'khdhV rFkk jkxtudk d tho foKku] lefdr
dhV icU/ku] mRikndrk c<ku d fy, tfod
fu;=.k rFkk ykHkdkjh l{ethok d mi;kx ij
dfUnr fd;k x;k gA

fo"k; di v/khu miyfc/k; k dk l kjk'k

dhV@tyh; uk'kh dhV

Σ dk;EcVj e ,y- buok l k }kjk vkoh;kth'ku e
lEefyr thou pØ rFkk 0;ogkj ;kf=dh rhu
ihf<;k d fy, v/;;u dh xba v.M l 0;Ld
rd dk dy thou pØ 125&130 fnuk rd
vfHkyf[kr fd;k x;kA

Σ xky dhV yIVk l kbc buok l k ;Fkk& exkflVXe l
itkfr rFkk DokMjflVl eUMyh d ijtfr;k d
to foKku rFkk ijthfork {kerk dk v/;;u
fd;k x;kA

Σ rfeyukM d mUkj&ioh df"k tyok;oh; {k=e
dTokjhuk bfDof l VhQkfy;k d dhV buMjcyk
DokMhukjVv dk lk;kØe.k vf/kdre Fkka ,d o"k
dh vof/k d nkju dhV d vkØe.k d dkj.k
o{kk e dkb egRoi.k deh ugh vkb Fkha iuxe
¼ikxfe;k fiUukV½ ry rFkk tVQk ¼tVQk
djd l ½ ry vk'kk tud FkA



,d n'kh ijklVokbM exkflVXe l itkfr ;dfyIVl
xky okLi yIVk l kbc buok l k ij vfHkyf[kr dh xb

Σ ,xy ekehykl cht ry l lHkko;
ck;kiLVh l kbmY v'k dk fu"df"kr] y{.k o.ku
rFkk vfHkKkr fd;k x;k rFkk djy e fuyEcj
rFkk DykFki t k ik/k'kkykvk e lxxku uk'kh dhV
ghCyh;k l;jk d fo:) ijhf[kr fd;k x;kA

Σ lR;om d ijh{k.k LFky e xky dhV d fo:)
e ;dfyIVl d 197 Dykuk dk mudh
vfrlonu'khyrk rFkk ifrjkdrk@ lgu'khyrk
d fy, vkdfyr fd;k x;kA

Σ ikxfe;k fiUukV ij Qlykijr Hk.Mkj.k d
nkju ,d vKkr yihMkIVju itkfr;k d }kjk
geyk fd;k x;kA ft lu vKkr cfm chVy l
vf/kd ud l ku fd;kA feFkby ijfFk;ku l
cht k dk yEch vof/k rd l jf[kr j[kk rFkk ikni
vk/kfjr l k mipkfjr cht ykV l dhV eR;r k
vf/kd Fkha

Σ jk l k;fud dhVuk'kdk ¼DohuvyQk l]
behMDyklijhM] rFkk MkbeFkk,V½] rFkk
okuLifrdk ¼uhe ry] tVQk ry rFkk ikxfe;k
ry½ rFkk 0;kikfjd uhe mRikn ¼uhetky 1%½
dh to {kerk dk ,yUFk l ,DIY l k rFkk
eyhuk vkckjh;k yf[kr dhV ij ijhf[kr fd;k
x;k rFkk mudh iHkkodkj ek=k dk dhV d
fu;=.k d fy, fuf'pr fd;k x;kA

Σ ,d u;k pneu cht c/kd ,jk l hj l
Q l hdyVl fyu- ¼,UFkjckMh; % dkfy;klVjk½
pneu cht k dk Hkkjh ud l ku nrk gvk ik;k x;kA
gkfu dk dy ifr'kr 20% jgA nk u; ?ku
;Fkk] iYVkfpyl dkXkuVl QkLV rFkk
ekbyk l j l fMyhdVyl dk pneu d fu"i=d d
: lk e lkk;k x;kA

Σ xknkojh] d".kk] rFkk 'kkjnk&ojkg MYV e
euxko ikni ,D l kdfj;k vxkykp] ,oh l fu;k
vkfQ l ufy l rFkk , - ejhuk db nyHk
QkykfMMk] fyxukQy l pluxh] ,y- fjohdkyk
rFkk ,y- ¶yfeufy l lfr db tyh; rFkk
dk"B c/kd dhV l ihfMr ik;k x;kA

Σ VhchVh,e&,e,e, ;kfxd l mipkfjr
ckEcD l l hck rFkk ijk l hjh,UFk l QydV d



- ijh{k.k idk"B dkph rFkk fo'kk[kkiVue
cUnjxkgk ij 30 eghuk d tyh; vukoj.k
ijh{k.k d 30 eghuk lk'pkr n"n.k fodkl rFkk
dk"B Nnd gey dk dkQh gn rd de djr g,
ijUr Lik;jkefVM Nnd dk vkØe.k dkph d
dN iuyk e Fkka
- Σ dk"B lfr tyh; lkexh ij vku/k in'k
cUnxkgk e eNyhiVue rFkk futkeiVue e to
fodfr v/; ;u u n'kk;k fd to&n"n.k dh nf"V
l nk ifjin'k vi{kkdr :lk l l jf{kr g] ijUr
tyh; dk"B c/kd fØ;kdykik dh nf"V l
l Hkko; :lk l [krjukd g tk fd bu in'kk
e eNyh idMu d vfHk;kuk e cgr iHkko
Mkyrk ga
- Σ dupu xko] ekgu xko iHkx] HkMyk %e/; in'k
ou fodkl dkjik'ku fyfeVM½ e lxxu
ik/k'kkyk e lQn dfe chtk d fy, lefdr
icu/ku idt fodflr fd;k x;kA
- Σ gfV;k foVh lkvfM l ej %y iijkyhfM; k½
,D;yfj;k eykluf l l yEd d ,d e[; dhV
d fo:) dN ikni l ROKk ¼, t fMjDVk bfMdk]
efy;k ,ftMkj d] ,dkj l dye l] v/kkV kMk
o l hdk rFkk DyjkMUKMku foLdk le½ d dhV
uk'kd x.kk dk eY;kfdr fd;k x;kA
- Σ vle e p;fur ckl itkfr;k d l Hkko;
uk'kh dhV k dk vfHkfyf[kr fd;k x;kA
- Σ ,df'k;k fuykfVdk ij dhV k dh 16 itkfr;k dk
iyf[kr fd;k x;k rFkk dVdh dh nk itkfr;k
dk iyf[kr fd;k x;kA
- Σ [ktjh eR;rk d fy, e[; mÙkjnk;h tfod
?kVd xukMek y l hMe rFkk ,duFkkQkj l
l jkfMdkful ik; x;A [ktjh eR;rk 18 l 23%
rd fHkUu&fHkUu FkhA vf/kdre eR;rk ukxij
rFkk U;ure e;rk >u>ufty e ikb xba
- Σ fgekpy in'k e phM ikbu txyk e bll
y kfxQkfy;k LVC- dk icfu/kr dju d fy,
fQjkeku Vi dk i;kx ekudh dr fd;k x;kA
- Σ ykbeFUV;k vkcQLdkV k d rh l j buLVkj ij
cdykohij l dh 7 ek=kvk dk mi;kx djd
- le;&eR;rk&to&fo'y"n.k fd;k x;kA ek=kvk
d fy, LT₅₀ dk ifjdfyr fd;k x;kA
- Σ edMh d nl lenk; vfHkfyf[kr fd;k x;k rFkk
fgekpy in'k e Hk l nfHkr fd;k x;A edMh d
nl ifjiDo lenk; dk ,df=r fd;k x;k rFkk
i;kx'kkyk e ikf'kr fd;k x;kA pkj vkmjk e
6 ifjokj l l Ecfu/kr l=g f'kd kj i tkfr;k dk
vfHkfyf[kr fd;k x;kA
- Σ dvjEuk V;cdyk l k dk fpyxkt ikbu d
Hk.Mkfjr chtk d dhV d :lk e ik;k x;kA
- Σ fkykbc;l Ø l hdkfy l d tho foKku dk
v/; ;u fd;k x;kA dhV dk 10 ckl i tkfr;k d
u; dhV d :lk e ik;k x;k ft l dh cEc l k ofeu
ij vf/kdre 51% vkØe.k d l kFk vklr
vkØe.k ifr'kr 2 l 51% rd vfHkfyf[kr
dh xba
- Σ ,QjkMh f l ;e gkMohd h,ue okbV d to foKku
dk v/; ;u fd;k x;kA Dod l fMykV kV k Hkh bl
chVy d }kj k vkØfer ik;k x;kA djkl hu ry
@ 10 ,e,y- dh nj l ,ejtUl Nn e l cl
iHkko'kkyh ik;k x;kA 0;Ldk d fy, ckgj
fudyu d fNnk ij iRFkj dh o"kk ;kf=d
fu;=.k d :lk e iHkkoH FkhA
- Σ dykVkf l ik l jk rFkk lyecxk tyfudk d
ok;oh; Hkxk d fofHkUu fu"d"n.kk d to
fo'y"n.k dk 'kh'ke fu"i=d d yok lyhdk l Vjk
j h l yD l k rFkk ikiy fu"i=d DykLVjk
dijh,Vk d fo:) ijhf[kr fd;k x;k;k
2% feFkuky rFkk , l hVku fu"d"n.k u 72 ?k.V
lk'pkr 60&70% eR;rk nhA
- Σ ,d u;k ck;k iLVh l kMy mR i kn
pfyode&,xy ekeh y k l cht ry vk/kfjr
to dhVuk'khp dk fodflr rFkk foekfpr fd;k
x;kA
- j kx j kx tud vkj y kHkd kjh thok.kj
- Σ bfyvkdki l eujkuh] Mkb l k t kbye]
ekykcfjde] fMIVjkdki l bfMdl] ofVj;k
bfMdk] xkl hf u;k xEehxkVkj ikb l hykU;jku
bfMde l kbft th;e ekykcjhde] ekb f j fLVdk



ekykcjfdk] uhek ,VhuVkj e/kdk ykxhQkfy; k]
gkfi; k ikxkj fdfx; k MUMku fiUukV; e rFkk
flukekee lYQjVe d Qyk rFkk chtk l dy
222 Qxy vkb lkyVk dh 40 tkfr; k dk iFkd
fd; k x; kA

Σ Mh- ekykcjfdk] b- eujkuh] ,e- ekykcjfdk]
ih- bfMde rFkk oh- bfMdk d chtk dh ikdfrd
dodh; ouLifr chtk rFkk vdjk ij jxtud
iekf.kr gbA

Σ Mh- ekykcjfdk] d chtk l ,d ub dod
itkrh ; Fkk fifulhykifll bfMdl dk
vfHkKkr fd; k x; kA dk; l dod d u; gkLV
fjdkM t l ih- bMhde d chtk ij cYVfu; k
jkefcdk rFkk th- xEehxkV d chtk ij
ckVkyfu; k yVjkbfi l d ik, x, A

Σ ik l kfi l T; yh ykj rFkk Dyh l VuFkl d iUkk
rFkk [kky d lRo dk i; kx dj d ou cht
jxtud dod ij fu; =.k ik; k x; kA

Σ vle e dYe foxyu rFkk ckl r"kkj dk
fl; lfj; e mMe d :lk e vfHkKkr fd; k x; k
lcl iHkkoh doduk' kh ik= dk bld icU/ku d
fy, i; kx fd; k x; kA

Σ jkfgMk ¼Vdkeyk vUMykv½ d dudj jkx l
fofHkUu o'kk l lEcfu/kr dodk dh lkr itkfr; k
dk iFkd fd; k x; k rFkk jxtudrk ijh{k.k d
fy, dYpj k dk i; kx'kkyk e LFkfr fd; k x; kA

Σ [ktjh eR; rk d fy, mUkjnk; kh e[; tfod
?kVd xukMek ylhMe rFkk , dUFkkQkj l
ljVhdkful ik; x; A [ktjh eR; rk ifr'kr
18-08 l 22-67% rd fHkUu FkA vf/kdre eR; rk
ukxij e rFkk fuEure eR; rk >u>u fty e
ikb xBA

Σ mUkj in'k l ,df=r 68 ueuk e l 28 ueuk l
flyUMkDyfm; e DohuDoh l lVVI dk iFkd
fd; k x; kA df=e Vhdkdj.k rFkk jkx fodkl
ikVdky fodf l r fd; x; gA

Σ ikiyj d dodh; jxtudk d dYpj k dk
fu; fer :lk l j[kj[kko fd; k x; k t l

ou j{k.k

, YVj] ckfV; kfm i ykfM; k] doyfj; k] MjDLyj]
Qkek@fQy kLVhdV k rFkk fLDyjkfV; eA

Σ doyfj; k itkfr tk fd ikiyj e yhQ LkkV
jkx ink dj jgk g uk vkb lkyVk dh fofu/krk
rFkk pkj fofHkUu ehfM; k t l ihMh, l hMh,
eb,] rFkk , l, dk i; kx djr g, mud
icU/ku dk v/; ; u fd; k x; kA

Σ fu; f=r voLFkk e dTofjuk bDohf l VhQkfy; k d
Dykuk ¼l- 250½ dk l cefuvkLikj olhdyk l k
¼cyhLVj Nky jkx½ d lØe.k d fy, ijhf{k r
fd; k x; k] e 36 Dykuk ifrjk/kd ik; x; rFkk
mPp Qukfyd rRo n'kk, A

Σ fl; lfj; e lkykuh , Q- itkfr MYcft; k d pkj
lØked vkb lkyVk dh vdkjd; ; fofHkUurk dk
v/; ; u fd; k x; k tk fd MYcft; k f l l l d
f'kfkyu jkx dk dlvy vkxfuTe gA mud
vf/kdk'k dYpj k 'kkjck e vk'kk tud tuun0;
ij df=e Vhdkdj.k d fy, r; kj fd; k x; kA

Σ th rFkk Vh ih iHkx l Ø; fd; x; l=g Dykuk
dk 4 LVUl d dkuhMk; y l lkiU'ku d l kFk
df=e :lk l Vhdkdr fd; k x; k rFkk jkx
vfHk0; fDr rFkk foLrkj dk if'kr fd; k x; kA

Σ VkbdkMek dh iHkkoh ifrjk/kd itkfr; k dk
fl; lfj; e lkykuh , Q itkfr MYcft; k d pkj
jxtud LVUl d fo:) ijhf{k r fd; k x; k
rFkk gkbikykbfi l rFkk Dokbfyx d }kj k
ek; dkij l hfVte ink djrk gvk ik; k x; kA

Σ VkbdkMek fofjfm ?kky] lHkh mipkj k e rFkk
LVhfo; k jhcfM; kuk d iUkk dh l[; k rFkk
toit d fu; =.k e egRoi.k :lk l mRd"B
ik; k x; kA , likjx l j lhek l l] VkbdkMek
fiyiyhQhje rFkk Vh- ohjk; Mh e vU; mipkj k
rFkk tM toit d c<u dk fu; f=r dju e
egRoi.k :lk l mRd"V ik, x; A

Σ VfefVI olhdyj , d lQn foxyu dod d
fo:) vk; kfr r dk"B d ikdfrd {k; ifrjk/k
dk ifjf{k r fd; k x; k u l>k; k fd ?kkuk l
vk; kfr r ydMh {k; ifrjk/kh gA

Σ MYcft; k f l l l d 20 vk'kk tud Dykuk d fy,
vkj, Q, yih&ih l hvkj dk mi; kx dj d Mh, u,
fQxj fifvx dh xBA



- Σ $vklkyVke$ fofHkUkrk dk $v/$; ;u dju d fy, mUkj[k.M d fofHkUu LFkkuk I ,df=r $dkMhIII fluufII$ d $vklkyVke$ d lFk vkj,Q,yih&ih hvkj fd;k x;k ftlu uk tul[;kj[kk, vfHkKkr dhA
- Σ ,uvkjMh,u, $\frac{1}{2}vkbVh$, I {k= $\frac{1}{2}$ d vkrfjd $VkIDVhcM$ {k=k dk ifjof/kr rFkk Øfer fd;k x;k rkd $dkMhIII fluufII$ d $vklkyVke$ dh iekf.kd igpku gk l dA cM ieku ij vulU/kku u $dkMhIII fluufII$ d :lk e mudh igpku dk if"V nh $\frac{1}{2}u$;k uke $vkQhvkdkMhIII fluufII$ gA
- Σ igyh ckj $dkMhIII fluufII$ d chV V;cfyu thu {k= dk Øfer dj $v/$; ;u lk'pkr thu cd e tek djok;kA
- Σ mUkj[k.M d fofHkUu Hkkxkfyd {k=k I ,df=r $dkMhIII fluufII$ d $vklkyVke$ dkMhlfu bjkxflVjky] rFkk ,Mhuklkb [kkth xBA txyh dh ryuk e jkfir $dkMhIII fluufII$ e dN to lfØ; fl) kUr mPp ek=k e ik; x;A
- Σ mi;kx dh xBpk; iUkh d fNydk] ikiyj dh 'kk[kkvk d fcyVI rFkk ,d de eY; okyk /kU/ d{k dk mi;kx dj d $xukMek y/hMe$ d Qydk; dh df=e [krh d fy, u;k ikVdky fodflr fd;k x;kA Qydk;k dk 90 fnuk e dkV x;k tk fd bld df=e mRiknu e lcl de vfHkfyf[kr le;kof/k gA
- Σ miHkkDrk leg e fu"d"kk dk Qyku d fy, 11 ekp 2011 dk $xukMek y/hMe$ dh [krh ij ,d fnolh; if'k{k.k dk;Øe vk;kftr fd;k x;kA LFkkuh; e'k:e mxku okyk rFkk fd l kuk $\frac{1}{2}21$ I $\frac{1}{2}$ dk ou jkx foKku iHkkx d Xyk l gkm l e in'ku rFkk gkFk gkFk if'k{k.k fn;k x;kA
- Σ $Yfud$;k d nI LVU l dk iFkd fd;k x;k rFkk rfeyukM e dTokfjuk d jkbt kLifQ;j I vfHkKkr fd;k x;kA
- Σ 0;kikfjd :lk l egRi.k o{k itkfr;k t l ,df'k;k $vkjhd fyQkfe l$,df'k;k $efut$;e] dTokjhuk b fDof l VhQkfy;kj I h- >u>gfu;kuk ;dfyIVl deYMyuf l l rFkk b- VfjVhd kfu l d vdjk dh of) l/kkj d fy, mi;Dr rFkk iHkkodkj h ,DVkek bdkfj ty $\frac{1}{2}$ b l h,e $\frac{1}{2}$ dodh; buk dye dh fdLe dk vfHkKkr fd;k x;kA
- Σ b l h ,e dod $\frac{1}{2}y/fj$;k $YkVjuk$ rFkk $fi/kyhFk l$,Ycl $\frac{1}{2}$ d fofHkUu $vklkyVke$ d ogn mRiknu d fy, mi;Dr dYpj ek/e rFkk vkn'k ih ,p rFkk rkieku n'kk, ekudhdr dh xBA
- Σ $vk l ke$ e $fMfIVjkdki l$ rFkk 'kkfj;k itkfr;k d lFk ekbdkj bty l ;kt drkvk dh fofo/krk dk vkdyu fd;k x;kA
- Σ $e/vk Qjk$,y- rFkk ,fDoyfj;k ,xkykp jkcDI- d of) in'ku ij vkldyj ekbdkj bty d iHkko dk $v/$; ;u fd;k x;kA
- Σ $fIVy l$ dkyk l kbfUFk l e jkbt kDVkfu;k cVkhdkyk rFkk $\frac{1}{2}$;lfj;e lkykuh d fo:) rFkk MkVjk LVekfu;e e vYVul fj;k vYVjukV d fo:) dod fojk/kh x.k ik; x;A
- Σ $ikiy l$ MYVokbM l d th&48 dh jkbt kflQ;j enk l Qykjh l V L;MkekuM l d 68 $vklkyVke$ x.kkUked rFkk ek=kRed Qk l QV l ky;chyk b l x] l kbMjkQj rFkk ,p l h,u mRiknu x.kk dk $v/$; ;u fd;k x;kA
- Σ ;dfyIVl Dykuk e tM ij.k rFkk ik"kd c<kUkj h d fy, jkl k;fud gkjekuk $\frac{1}{2}vkbch$, $\frac{1}{2}$ d vui;kx d fodYi e ykHknk;d l {e thoh Vhd t l ,tk l ihfjye] L;Mkekuk l clhy l rFkk ,tkVkcDVj dk vui;kx fd;k x;k rFkk iHkko h tMu rFkk ik"kd c<kUkj h ikb xBA
- Σ rfeyukM rFkk djy e 6 fofHkUu rho of) n'k t itkfr;k d jkbt kflQ;j ueuk l 216 ikni of) iR l kgd jkbt kcdVhfj;k $\frac{1}{2}$ i h t h i hvkj $\frac{1}{2}$ d $vklkyVke$ rFkk 26 fofHkUu ,e dodk dk iFkd rFkk vfHkKkr fd;k x;kA
- Σ rho of) n'k t o{k itkfr;k d jkbt kflQ;j l iFkd fd;k x; i h t h i hvkj d fofHkUu $vklkyVke$



d fy, U; DykVkbM n'; k dk fuek.k fd; k x; k
bUg ; jkfi; u ekyhD; yj ck; kyk th yckjVh
½b, ech, y½ rFkk , u l h ch vkb vk dMk vk/kkj
dk iLrr fd; k x; kA

Σ vkb,, d mRiknu rFkk QkjQV
lKY; cykbt'ku d fy, i h t h i h v k j , l dh
{kerk fu/kk fjr dh xBA

Σ , yUFk l , D l Y l k j k b t k f l Q ; j u e u k l i F k d
fd; x; QkLQV lKY; cykbt x t h o k . k ¼ i h , l c h ½
dk vk . k f o d y { . k o . k u f d ; k x ; k r F k k c f l y l
exkVfj ; e d : l k e v f h k K k r f d ; k x ; k A

Σ 'kh'ke eR; rk ij , d uVod fodflr dju d
fy, flrEcj 2011 dk , d f n o l h ; l o k n k R e d
cBd vk; k f t r dh xBA f t l e , p , ;] f g l k j ; d
oKkfudk Mk- okb , l i j e k j] o u , o c k x o k u h
fo'of o | k y ;] u k u h] l k y u ; t h - c h - i r d f " k r F k k
i k | k f x d h f o ' o f o | k y ;] i r u x j ; H k k - o k - v - f ' k - i -
d l l F k k u k d o K k f u d k ¼ t k / k i j] t k j g k V]
t c y i j] j k p h] b y k g k c k n ½ (g f j ; k . k k] i t k c]
m Û k j k [k . M r F k k m Û k j i n ' k o u f o h k k x k d
v f / k d f j ; k r F k k o u v u l U / k k u l l F k k u d l c f / r
i H k k x k d o K k f u d k u H k k x f y ; k A

fo" k ; o L r l d i r g r i f j ; k t u k , i

ifj ; k t u k , i	i . k d h x b i ifj ; k t u k , i	t k j h ifj ; k t u k , i	o " k d i n k j k u u b i i k j H k d h x b ifj ; k t u k , i
lyku	12	22	23
ck°; l g k ; r k i k l r	7	5	1
dy	19	27	24

2-7-2- uk'kh dhV] j k x v k j m u d k f u ; = . k

uk'kh dhV

uk'kh dhV l o i { k . k] i H k k o { k = r F k k t h o f o K k u
c k l d i u k ' k h d h V

l y k v k f c ; l Ø l h d k f y l n g j k n u r F k k
v k l i k l d { k = k e n l c k l i t k f r ; k ; F k k & c E c l / k
c E c l /] c h - U ; V U l /] c h - i k y h e k j Q k j c h - V Y M k j

ou j { k . k

ch- oYxfj l] ch- okfeu] MUMkdye l fxxkufV; l]
Mh- fLVdV l] Mh- dkykLVp; k l r F k k f x x k u i p k y k
, V k o k ; k y k f l ; k e u k ' k h d h V d : l k e i k ; k x ; k A
c E c l / k o k f e u i j v f / k d r e 51 % g e y k d l k F k b u
i t k f r ; k i j v k l r g e y k 2 l 51 i f r ' k r
v f h k f y f [k r f d ; k x ; k A

v l e l y i h M k i V j k j v k j F k k i V j k j d k y h v k i V j k
d h f o f H k U u t k f r ; k l l c / k j [k u o k y 23 u k ' k h d h V k
d k f u E u f y f [k r c k l i t k f r ; k ½ c E c l / k V Y M k j
c h - c k Y d v k j c h - i f y M k r F k k c h - U ; V U l d k i H k k f o r
d j r k g v k n [k k x ; k A ? k V u k r F k k u k ' k h d h V k d
g e y d h r h o r k d v k / k j i j , V k f u U k k i t k f r]
i h l k j k y h d k j f l l k f y l] Ø k l h M k i V j k i t k f r] g D l k
l U V l ; u h d k y k j ¼ V V h x k u k b f m ½ r F k k v k l h ; k
f u V h M y k ¼ o k d ¼ ¼ , d h f M M b ½ d k ? k k r d u d l k u d j u
d f y , e [; u k ' k h d h V d : l k e J . k h d r f d ; k
x ; k A l o { k . k d n k j k u i k d f r d ' k = t l
, V k e k i F k k t f u d d o d] c h ; o f j ; k c f l f l v k u k d k
Ø k l h M k Q k j k i t k f r i j , d f = r f d ; k x ; k A n k
f o f H k U u f ' k d k j h e d f m ; k ¼ v k D l h v k l l i t k f r ½
Ø k l h M k Q k j k i t k f r r F k k i h l k j k y h d k j f l l k f y l d
y k o k i j v f h k f y f [k r d h x B A i V c l l o h ¶ V
c k ; k f j l Q j h ¼ e j ½ d k c E c l / k V Y M k i j u ; g k L V d
: l k e v f h k f y f [k r f d ; k x ; k A

uk'kh dhV k dk QhYM eUkvy

MYcft ; k f l l l r F k k i k i y l M Y V o k b M l
d k , d f = r f d ; k x ; k r F k k Q h Y M e u v y d k r ; k j
d j u d f y , Q k V k f p = . k f d ; k x ; k A
y l V k l h c h b U o k l k d k t h o f o K k u

y l V k l h c h b U o k l k } k j k v k o h i k t h ' k u e
' k k f e y t h o u l p h r F k k 0 ; o g k f j d r = d k d k ; E c V j
e r h u i h f < ; ; k d f y , v / ; ; u f d ; k x ; k A v . M
l y d j 0 ; L d r d d k d y t h o u p Ø v o f / k
125&130 f n u v f h k f y f [k r d h x B A n k e k l e k d f y ,
3 i k / k ' k k y k v k e r u k r 2 j x h u f p i f p i f i t j u
n ' k k ; k f d 0 ; L d c j l i h y j x d k e g R o n r h g A

l n y ¼ p n u ½ d i u k ' k h d h V

c o u g Y y h] e n n U u g Y y h] x k V h i j k] ; y o k y k
¼ e l j ½ r F k k t j d c U M e f l F k r p n u d i k p f l Y o h
g k V h d Y p j y e k M y u k ' k h d h V k i j f u j U r j l o { k . k
f d ; k x ; k A ; g n [k k x ; k f d p U n u i j u k ' k h d h V



leL;k, vf/kd rFkk jkx de FkA dkfdM ¼ I i&Ldj½
vU; uk'kh dhV dh ryuk e vkfFkd : Ik I vf/kd
egRoi.k uk'kh dhV FkA v/;;u d nkjku ;Fkk&
iijh/hul] luxukyuVI vkyhoj] ,Dl k/UVI
itkfr rFkk MjkyI okYoyI rhu u; rUkk Nnd
vfHkfyf[kr fd; x;A ruk Nnd iijh/hul
luxukyuVI pUnu d ik/kk dk vR; kf/kd
ud l ku igpkrk gvk ik; k x; kA ,d u; k pUnu
cht Nnd vkjkb/hjI Ql hdyVI fyu-
¼,UFkhfcMu% dkyhvkIVj½ pUnu chtk dk ?kkrd
ud l ku igpkrk gvk ik; k x; k ft l dk dy ud l ku
20% ik; k x; kA nk u; dhM fu"i=d ;Fkk&
iYVkvphyl dkxuVI QkIV rFkk ekbyk/hjI
fMyhdVyl ckgheU Hkh vfHkfyf[kr fd; x;A rhu
u; yihMklVjI fu"ki=d% vkekVv il/fyl
¼vkVhMh;½] ekdkfu;k ,D; yh, V ¼; juhM½] rFkk
ijkyhfy; k itkfr ¼ukDV; M½ vfHkfyf[kr fd; x;A
,d fVMMk itkfr] ØkVxkuI itkfr pUnu d l Hkh
fIYoh gkvH ekMyk e n[kk x; kA pUnu iknik e
,df=r ijx [kku okyk d vkDl/hVkf; k
olhdkyj rFkk vk- tudUMk d : Ik e vfHkfyf[kr
fd; k x; kA pUnu d dkdhMk ij ,df=r 9 u;
ijthfo; k dk vfHkKkr rFkk iyf[kr fd; k x; kA
pUnu d ,vkekQkuk ij pd fylV dk Hkh v|ru
fd; k x; kA

,fECydk vkfQfIufyI] ikxfe; k fiUukVv]
xkflifu; k itkfr] Mkb lktkbye itkfr d
uk'kh dhV

Ldy dhV lfrgr ikxfe; k fiUukVv d
vdjk e 35% ifr'kr xky Ik; k Øe.k rFkk 100%
fu"i=.k n[kk x; kA lydhj ik/k'kkyk e ,fECydk
vkfQfIufyI vdjk dk ehdkfuyhdkdI
fgIvI }kj ik fu"i=.k n[kk x; k rFkk yd.Mk
ik/k'kkyk e yVj lkbV e xlfhu; k e 20%]
rFkk Mkb lkyfj; e vdjk e 15% Ik; k Øe.k n[kk
x; kA

n" k. k tho

FkkbI CyuQkMh ¼eyfof½ xLVkikM] dk
n'k e igyh ckj eNyhIkVue cUnjxkg ij n"kd
leg d l kFk lg; kxh ik; k x; kA [kM] ,LcLVkI]

IheV] Mkej] ,Qvkjih] iho h rFkk ckI ij n"kd
thok dh mifLFkr u n'kk; k fd fofHkUu fdLe
mifuo'k d fy, fofHkUu v/k% Lrj dk ofj; rk nrh
gA

mÜkj vku/k ini'k d eixko vkokI e tyh;
Nnd

nyHk QkyfMM tI fyXukQkykI pUxh]
,y- fjohdkyk rFkk ,y- ¶YkehufyI dk xknkjh
MYVv d exko e vfHkfyf[kr fd; k x; kA Jhdkye]
fo'kk[kkiVue] ioh xknkjh rFkk d".kk ftyk e
euxko vkokI k dk lo{k.k fd; k x; k rFkk ouLifr
dk g, ud l ku dk vkdyu fd; k x; kA exko ikni
tI ,Dl dfj; k] vxkykpk] ,ohfIufu; k] vkfQfIufyI
rFkk , - ejhuk] tyh; dk"B Nnd thok dh db
itkfr; k l iHkkfor ik; k x; kA egRoi.k uk'kh dhV
dh igpkuh xb itkfr; k LQbjkek VjhckU I
¼fiycXl½] ekvfl; k LVh, Vv ¼fiMMkDI½ ykbjkMI
iMhfIykVI] ukVkvHjMk ukDIh] uk l hVkj gMy; h]
cfUd; k dEiuhykvk] ch- MLVDVv rFkk
ch- fQyhi kbuefI l FkA

fu; =.k

jk l k; fud

; idfyIvI xky okLi] yilVv l kbc bUok l k

nk ikni vk/kkfjr rRok ¼fLVkrhyk ry] uhe
ry½ dh tkp rFkk iÜkk d rFkk enk vui; kxk d
}kj k dN dhVuk'kdk d mi; kx u n'kk; k fd xky
dk iHkko {k= de gvk gA xky okLi d icU/ku dh
fuokjd i) fr; k dk ekudhdr dju d fy,] xky
ifrjk/kdrk rFkk vfrlonu'khy Dykuk dh ryuk
dh xb rFkk ik; k x; k fd dN ifrjk/kd Dykuk u
10&30% xky iHkko fn[kk; kA

¶ykbvkfc; l Ø l hdkfyI

¶ykbvkfc; l Ø l hdkfyI ckI dk ,d
egRoi.k uk'kh dhV gA u; k ink gvk Hkxd ckI
uky d ckgjh fgLI l Hkk tu djrk g] e[; r% eb
vkj tu d nkjku xBk e rFkk u; h uky dk ud l ku
igpkrk gA Dykj ikbfjQkI 0-04% rFkk 0-05%
l ?kurk u Øe'k% 78 l 81% fu; =.k fn; kA



vk d ruk Nnd] vkQkfmfl ;e gkMfofd,ue
okbV ¼dkfyvkIV;jk% dijeckbl hM½

ekukØKvkQkI ¼36 bl h½ rFkk Mkbeu,V
¼30 bl h½ iR;d 0-4% l?kurk ij rFkk 5&10 fe-yh
¶;ehxUV ¼iR;d vkfoHkko Nn e djklhu e
ijk&fMDykjkcutu dk lrlr ?kky½ lokf/kd
iHkko'kkyyh mik; ik;k x; kA gFkkM l iRFkj dk ckgj
fudyu oky Nn e Mkydj ;kf=d fu;=.k Hkh
0;Ldk d fy, iHkkoh FkKA

,yUFkI ,DIYIk ¼,Vhok Qcjhlkbyk] rFkk
,yhMek ukjhlh½ rFkk eyhuk vkckfj;k
¼vfUxI chlkuh½

DokbuyQkI] behMDykfiM] fMehFkkV 0-025
l 0-05 % ij bu dhVv dk fu;=.k dju e iHkkoh FkA
lefd r iCU/ku idt

e/; in'k ou fodkl diki'ku e;kfnr d
fy, lxxku ik/k'kkyk e [kr Hkxdk d fy, ,d
idt fodflr fd;k x;kA bl idt e fofHkUu
fØ;kdykik gYd tky ,dd dk lLFkkiu] lxxku
cht k dk cku dh fHkUu frfFk] ik/k'kkyk d vklikl
gkLV o[kk dh NVkb] to dhV uk'kd dh pDdh dk
vui;kx rFkk jkx fojk/kh@mipkjRed mipkj
100 xke ifr D;kjh ¼vkdj 10x1 eh-½, YQkeFkhu
0-01% d lk'pkr MYVv e Fkjh 0-005% l'kfy"V
ikbfjFkkbMl dh bu e[; uk'kh dhVv d fo:))
vu'kIk dh xBA

n"kd thok d fo:) VhchVh,e&,e,e,
ifjj{kdk dh {kerk

fo'kk[kkiVue rFkk dkph cnjxkgk ij fiNy
30 eghuk e ckEcDl /hck rFkk ijk/ljh,UFkl
QydVkfj;k d VhchVh,e mipkfjr ijh{k.k iuy d
yxkrkj in'ku ijh{k.k e ;g ik;k fd mipkfjr
iuyk e n"kd thok dh ekfld mifLFkfr ux.; Fkh
tcfv vuipkfjr ¼fu;=.k½ u mPPk to it Hkkj
fn[kk;kA fo'kk[kkiVue e lHkh mipkfjr iuy ijh
vof/k e fdll Hkh idkj d dk"B Nnd gey l
vktkn jg iUr dkph e dN mipkfjr iuyk ij
LQjkefVM dk"B Nnd }jkj geyk fd;k x;kA

ou j{k.k

t'o fu;=.k

;dfyIVl xky okLi] yilVkl kbc buok l k

;dfyIVl xky okLi tul[;k dk lo/ku
rFkk ijthoh exkLVhxe/ itkfr rFkk
DokMjflVpI eUMyh dk ik/k'kkyk ikni e
;dfyIVl Dykuk ij ituu d{k e mxk;k x;kA
exkLVhxe/ itkfr rFkk DokMjflVpI eUMyh d
tho foKku rFkk ijthforrk {kerk u n'kk;k fd
exkLVhxe/ itkfr thou pØ dk ijk dju e
40&45 fnu rFkk DokMjflVpI 28&32 fnu yrk gA
DokMjflVpI eUMyh dh ijthforrk exkLVhxe/
itkfr l vf/kd FkA

vk d rUkk Nnd] ,YkMhfl ;e gkMfofd,ue
okbV ¼dkfyvkIV;jk %oijkHkckbf l M ½

Nnd d fuEufyf[kr ikdfrd 'k= vfHkfyf[kr
fd; x; ¼d½ dhV% ,d vfu/kkfjr ,YkkVhM chVy]
¼[k½ i{kH ¼½ fgeky;u dBQkMk] MUVkdki/
fgeky;ulhl] ¼iii½ ckmu YUVhM dBQkMk] MUVkdki/
,jhlll ¼iii½ Ldyh&cykbM dBQkM] ikbdl
LDok,Vl rFkk ¼iv½ xVj ;ykui] ikbdl ¶yohupKA
dVhy; ,df'k;k] ,df'k;k fuykfVdk d fy,
u; t'o fu;=.k vol j

,ukekydkdI bfmDI ¼jI pld½
QhL/hVv itkfr ¼iÜkk ocj½ rFkk fM;kMhjI itkfr
¼chVy½ , fuykfVdk d tfod fu;=.k d fy, l{e
dUMhMV ik; x;A i;kx'kkyk rFkk ik/k'kkyk
voLFkkvk e ,df'k;k dh uk itkfr;k dk 'kkfey
djr g, foLrr gkLV fof'k"Vrk v/; ;u d vk/kkj
ij] bu dhVv dh tkp dh xBA

ekbØkLi kjhFM;k , d t'o fu;=kd , tV

dy 94 yihMkiVhVUl dk ijh{k.k fd;k x;k
rFkk 29 çtkfr;k l ekbØkLi kjhFM;u ijthoh vyx
fd;k x;A ekbØkLi kjhFM;k dh 29 çtkfr;k dh
vkdjehfr dk v/; ;u fd;k x;kA ghCyh;k l;jk
dVkfllfy;k çtkfr] ikihfyvk Mekfy;l
ih- ikyhVhI yok ij] ekbØkLi kjhFM;u ijthoh dk
ç;kx djr g, bul lcf/kr ijikf'k;k l iFkDdr
cht k.kvk dh fofHkUu lUnrvk dk l jki.k djd
to fo'y" .k v/; ;u fd;k x;kA



e/; Hkkjr l cldkfum %gkbeuklVjk% cldkfUM%
ijtho; kHk

cdkfUM ijtho; kHk rFkk mud gkLV dhV d
lxg.k d fy, ogn lo{k.k NÜkh lx< %16 ftyk
dh 185 cflr; k% rFkk egkj"V %34 ftyk dh
385 cflr; k e% e fd; k x; kA ckjg ub itkfr; k
%, iUVfyl y[kufll, iUVfyl fu; kdtkuh
, iUVfyl fu; kgky; , iUVfyl fu; kVuh, Vhdkful
rFkk jkxkl tyuufll, uhllklbjkVx fxyohdkijk
itkfr uko; cdku tyxkouufll itkfr uko;
phyukll %fpykul% okjMufll itkfr uko;
fpykul %ekbØkfpkul% fgxyhufll itkfr
uko; Mjkhlgl bfmldl itkfr uko; ijkgkjfe; l
yxhdki l itkfr uko; rFkk ijkgkjfe; l
yxhlythyVI itkfr uko; dk foKku d fy, u; k
of.kr fd; k x; kA ikp tkfr; k rFkk 14 itkfr; k
Hkkjr e igyh ckj vfHkfyf[kr dh xBA ckjg tkfr; k
rFkk 39 itkfr; k igyh ckj NÜkh lx< rFkk egkj"V
l vfHkfyf[kr dh xBA Hkkjr; cdkfUM itkfr; k
dk lefdr gkLV fjdkM Hkh r; kj fd; k x; kA

mMhlk d l xku rFkk lky ouk d e[;
fu"i=d d yk[kh; ijtho; kHk ij v/; u

mMhlk d nl ftyk e lo{k.k fd; k x; k
rFkk l xku rFkk lky fu"i=d d uk'kh dhV d
ykok rFkk l; ik d 202 ueu ,df=r fd; x; A
LFky l ,df=r ueuk d ikyuik" k.k l , iUVfyl
d 180 ueu iklr g, A ftue l fuEufyf[kr
15 itkfr; k vfHkKkr gb% , - , VhikMk] , - cyhlik]
, - cEcI[kb] , - dukb] , - fØ, VukVh] , - fMVjDVU l]
, - Vh, Yhu l] , - , Dliyl l] , - yEik l he]
, - yIVkFkd l] , - ep, jkfy l] , - fuvkdtkuh]
, - fu; kVfu, Vhdkful] , - VDgjfm; k] rFkk
, - ¶; thujfo lA bu lHkh iUng itkfr; k dh
ikdfrd {k= ijthforrk ifjdfyr dh xBA ; lHkh
, iUVfyl itkfr; k n'kt g rFkk mMhlk l igyh
ckj vfHkfyf[kr dh xBA gA

nhedk rFkk 'or Hk'xdk d çCU/ku d fy, dhV
jkx lkk dfe

, d fon'kt rFkk N% vKkr %n'kt% bih, u, l dh
tul[; kvk] tk e/; Hkkjr dh fuoklh g d

i; kx'kkyk lo/ku dk bu ohok e ik'kr fd; k x; kA
bih, u vkblyV e l , d %LVujuek /kukb itkfr
uko; % dk lh, chvkb] D; MCY;] ; -d- }jk foKku d
fy, u; % vk.kfod Lrj ij% : lk e vfHkKkr fd; x; A
vU; vKkr n'kt bih, u tul[; kvk dk vfHkKkr
dju dh ifØ; k Hkkjr; ik.kh foKku lo{k.k]
ngjknu d lg; kx l ixfr ij gA

vk" k/kh; ikni&, cyek lpl ekLpkVI]
Xykjhvk l k l iek rFkk foFkfu; k l kEuhQjk d
uk'kh dhV

e'dnkuk] , cyek lpl ekLpkVI ij rhu
uk'kh dhV ; Fkk&, ukfel ¶yok rFkk l kbylV
MjkxV% fu"i=d% rFkk yk [kVey] Mkb l bdl
f lxyVI % j lpl d%; dkyhgkj] Xykjhvk l k l iek] nk
fu"i=d ; Fkk& ikyhVyX Xykjhvk l k rFkk , e l DVk
y l hfu; l rFkk v'ox/kk] foFkfu; k l kEuhQjk nk
uk'kh dhV ; Fkk& bl pld lykV; k Øk l kV rFkk
, fQM vfHkfyf[kr fd; x; A bpU; eku çtkfr rFkk
LVfe; k çtkfr , - ekLpkVI rFkk th- l iek d uk'kh
dhV ij ijthfo; k d : lk e vfHkfyf[kr fd;
x; e[; uk'kh dhV , - ¶yok] , l- MjkxV%
ih- Xykjhvk l k rFkk Mh- f lxyVI d ek leh bfrgl
dk v/; ; u fd; kA

fgekpy çn'k e Hkkjr; ftllh 'kYHkk
% yefUV; k vkclDkV% dk çCU/ku

vfure le; & eR; rk to fo'ky" k.k
cdykohj l ; Fkk& 70E+09, 8.50E+08, 4.25E+08,
2.13E+08, 1.06E+08, 5.031E+07 rFkk 2.66E+07
dh 7 ek«kvk dk ç; kx djr g, çR; d ek«k d 53 o
buLVkj yok ij ç; kx fd; k x; kA le; & eR; rk
to fo'y" k.k vkdMk , lih, l, l l k ¶Vo; j dk
mi; kx djr g, ikfcV fo'y" k.k d v/khu FkA
ifj.kkek u ldr fn; k fd ek=kvk d fy, LT₅₀
Øe'k 0-372] 20-582] 8-223] 12-492] 12-403] 10-556
rFkk 10-810 fnu FkA ftudk vFk ok; jy ek=k dk
nu d ckn yok dk ekju d fy, vko' ; d fnu FkA

t l fd lDI&fQjkeku d fy, i; kx'kkyk
ijh{k.k lQy Fk] 'kke'kh d dN p; fur LFky ij
lDI&fQjkeku dk LFky ijh{k.k fd; k x; kA
50 fQjkeku fitj tehu ij j[k x; rFkk fQjkeku
rfcdk dk , d ekbØkyhVj lRo fQjkeku l Hkj



fQjkeu e ejk gvk uj vkbth,e

fn; kA ing fnuk d ckn LFky dk fQj l nckjk nkjk fd; k x; k rFkk l Hkh fi tjk l idM x; uj ekFk dk fxuk x; kA ; nfi 650 0; Ld uj ej pd FkA

l jkgu fty d pkjokx xko e vkd ouk d p; fur LFkyk ij cdykok; jy i; kx d iFke LFkky ijh{k.k d iHkko dk vkdyu fd; k x; kA odykok; j l d iHkko dk vkdyu tykb&vxLr d nkjku vfHkyf[kr fd; v.M leg dh l[; k dh fxurh dj d rFkk fiNy nk lkyk d vM&leg dh vfHkyf[kr l[; k d lFk ryuk dj d fd; k x; kA ; g ik; k x; k fd v.M leg d mRiknu e 92% dh deh vkb gA

uk'kh dhV_k d_i fo:) LV/xkMkbQl 'kkjk flukje dk l p ¼vkpuhMk % , jfu, , jh lkbMk½ dh ijHk{k d {kerk

ukxyh] xlihy ¼jkeij½ lUuh] clrij] vkdh] xcykx] cxkj] MkMgkÅ] j.kdk] dt&d; j t k fd fgeky in'k dh uiph rFkk e/; igkMh {k=k e iMrk g] e ikp {k= lo{k.k dj, x, A lkekftd



i; kx'kkyk e ikf'kr lkekftd edMh tky

ou j {k.k

edMh d uLV dh [kk t e 23 fofHkUu LFkyk dh t k p dh xb rFkk doy 10 LFkyk ij gh edMh dk vkok l vfHkyf[kr fd; k x; k rFkk Hk&l nfhkr fd; x; A edMh dh 10 ifjlkDo vkok l k dk , df=r fd; k x; k rFkk i; kx'kkyk e ikyk x; kA ing fuEufyf[kr o{k rFkk >kfM; k dk et cku o{k vfHkyf[kr fd; k x; kA t gk ij edMh u viu tky dk fuek.k fd; k ; Fkk& EkykVI fQyh iU l h l] vkVhef l; k i tkfr] yxjLVkfe; k i tkfr] D; jh l l i tkfr] lyVhDyM l vkfj; UVfy l] dx fy; k fiUukV k] iUk l Myf l l] ih-MkefLVdk] MYcft; k f l l l] ; dfy l V l i tkfr] ft th Q l t t c k] fQy kLVp l i tkfr] dY l Vheu foehufy l] , df'k; k dVp] ifudk xuVe rFkk , d vKkr gA fuEufyf[kr 17 f'kdj i tkfr; k pkj vkMj d v/khu t k fd 6 ifjokj l lcf/kr g vfHkyf[kr dh xb ; Fkk& xfuMk , yckL ikj l k] gkykVfp; k ykxh ifu l] , ukekyk i tkfr] , ikxkfu; k i tkfr] feyk ykUFk i tkfr] cfpVkb fM l ikVkuV k l l] , UkyUkfp l feyk f j l] ØkV kxkul i tkfr] , ihvkuk flufj; k] M; Mkf j l , i h t k j c l] DykLVjk D; iV k] lyDVkj k jh yD l k] , xkfV l b l h y k u] fgVh j kVj f e l b f M d k y k] i k b f j l c k f l d k r F k k i k b f j l j i k A

phM ikbUk ouk e dhV Nnd dkEiyDI dk icU/k

; g n[kk x; k fd ikyh x k Q l ykxh Q k f y; k LVC-¼Dyhvk iVj k] Ldkyh fVMk½ o'k d nkjku rhu l pkj ihf<; k l xtjrk gA icU/ku d fy, fQjkeu fi t j k d k mi; kx fd; k x; kA QDVkfj; y vkjchMh fMtkbu dk vulj.k dj d pkj idkj d fQjkeu fi t j k ; Fkk& Fero-TTM, Del-TaTM, Wot- TTM rFkk Fligh-TTM e fQjkeu] bl l Mhuky ¼C₁₀ H₁₆ O½ dk 1 mg, 2 mg, 4 mg rFkk 8 mg ykfMX@ l?kurk e gehj ij ou iHkx v/khu c j l k j ou j t e iBk j phM ikbu ouk e eY; k f d r fd; k x; kA

ckVfudY l

ikiy j rFkk 'kh'ke d_i e l[; fu"i=d_k d_i fo:) t'of'o'y'k.k

i kx'kkyk e 'kh'ke fu"i=d d r h l j buLVkj ykok lydk iVjk jh yD l k rFkk ikiy j fu"i=d DykLVjk D; i h, V k d k , l h V k u ¼, ½ rFkk feFkkuky



¼,e½ rFkk dykVfil iklj ¼ lhih½ rFkk lyecxk
ftyfudk ¼ ihtM, ½ d ok;oh; fgLIk d lRo dk
i; kx djd ijhf{kr fd; k x; kA ;g ik; k x; k fd
ihtM, rFkk ihtM, e d nk ifr'kr l kUn. k u 63 l
72% tcf d lhih, e rFkk lhih, u 72 ?k.V d lk'pkr
Øe'k 67 rFkk 73% eR; rk nhA

,Vhok Qicjh lhyk rFkk biyh: ek uk l h l l
¼, yUFkl ,DIYl k½ rFkk fVuft l fclukh
¼eiyhuk vkckfj; k½

ikxfe; k] tVQk rFkk uhe ry ikp
fofHkUu l kUnrkvk ¼2&3%½ e bu uk'kh dhV k dk
fu;f=r dju e iHkkoh ik, x; A 0; kikfjd mRikn]
uhe , tky ¼1%½ ftldk ijh{k.k 10 fofHkUu
l kUnrkvk e fd; k x; k u fn[kk; k fd b- uk l h l l

LFky Lrjh; ck; ki LVh l kbMy vuji; kx

rFkk Vh- fc/kuh d icU/ku d fy, mRikn 10 rFkk
20 ihih, e ij iHkkoh FkkA

foyode&, xy ekehyk l ch t ry vk/kkfjr
t'o dhV uk'kh

, - ekehyk l d ifj"dr mÜkdk ¼vk/kk Qy]
xnnk] rFkk ch tk½ l tyh; rFkk vkxfud l Rok d
vkB mi; Dr Qkjey'ku fodflr fd; x; rFkk uhe
Qkjey'ku rFkk l'kfy"V dhV uk'kh dh ryuk e
yf{kr dhV] ghfy; k l; jk rFkk LikMkIVjk fyVjk d
fo:) 2000] 5000 rFkk 10]000 ihih, e dh ek=k e
ijhf{kr fd; x; A i; kx'kkyk rFkk LFky ijh{k.k l
iklr vk'kk tud ifj.kkek d vk/kkj ij ,d u; k
mRikn foyode&, xy ekehyk l ch t ry vk/kkfjr
t'o dhV uk'kh fodflr rFkk foekpu fd; k x; kA



dhV ifrjk/kh tuu n0;

;dfyIVl xky ifrjk/kh Dykuk dh t kp

l R; koM] vkU/k in'k e xky dhV yIVk l kbc
buok l k d gey d fy, ;dfYkIVl d 179 mPp
mit oky Dykuk d l kFk ijh{k.k dh t kp dh xbA
vkdM tk ,df=r fd; x; u n'kk; k fd 19 Dykuk
u xky dhV d fo:) ifrjk/krk@lgu'khyrk fn[kkb

jg FkA bu Dykuk dh ifrjk/kd idfr dh vu: irk
dh vkx Hkh fuxjkuh dju dh vko'; drk gA
vu;

[k t Mh eR; irk dk lefdr icU/ku

pkj ftyk ;Fkk& ukxkj] f'kd kj] p: rFkk
>u>u e eR; rk dh lhek dk vkdyu dju d fy,



pkj LFky lo{k.k fd; x;A lHkh lof{kr ftyk e 20-93 % dh vklr eR;rk d lkFk ifr'kr [ktMh eR;rk 18-08 l 22-67% d chp jghA ,dUFkkQkj l fljkVhdkful d fofHkUu buKLVkj d v.M rFkk ykok i;kx'kkyk n'kk e ikf'kr dju d fy, ,df=r fd; x; g mipkj lh,tMvkjvkb] ,,Qvkjvkb rFkk ,vkj,l dh vu'kl d vk/kkj ij fn;k x;kA mipkj l io voykduk dk Mhch,p tM lØe.k Nnd@ dodh; fu"i=.k ifr'kr d lkFk rFkk yx mRiknu dk Hkh fotvy rFkk ,Dpvy fjdKM }kjk vfHkfyf[kr fd;k x;kA ,-,dUFkkQkj l fljkVhdkful dh to ikfjflFkfr;k dk i;kx'kkyk rFkk dhViky LFky nkuk LFkkuk ij v/; ;u fd;k x;kA eknk chVyk }kjk o{k d dkyj {k=k d vklkl dh ue fekVVh e fl rEcj&vDvcj ekg e v.M fn; x;A v.M vkoy vdkj d lQn rFkk yEckb e 4-76 fe-eh rFkk pkMkb e 2-38 fe-eh FkA v.M lu dh vof/k 9 l 11 fnuk e fhkUu&fhkUu FkA u; ink g, igy buLVkj ykok dh vf/kdre yEckb 25 fe-eh] yEck] Øhe lQn jx d

lkFk dky Hkj flj okyk FkA igy buKLVkj ykok dk thou dky 45&50 fnu dk FkA ,dUFkkQkj l fljkVhdkful dh thou ihf<;k dkQh vkoj yi gkrh g rFkk tuojh l ekp d nkjku LFky l fofHkUu buKLVkj ykok ,df=r fd; x;A ,,Qvkjvkb }kjk fd; x; dk;k dh leh{k d fy, ,d dk;'kkyk vk;kftr dh xBA l>kok rFkk dk; dh Hkfo"; j[kk dk vfUre :lk inku dj fn;k x;k gA

fgekpy in:'k e fiV;ktuuh LdhVI CyuQkMl %dkfyvklVjk% dkykbFVM% dh to ikfLFkfrdh ij tyok; dk iHkko

ikp ou ;Fkk& lkyu QkjLV jt d v/khu Hkou dh /kkj D&91 ek lkcjk QkjLV jt d v/khu ek lkcjk D&73] dkVx< QkjLV jt d v/khu teMk ou] vkidk QkjLV jt d v/khu txh ou rFkk eukyh QkjLV jt d v/khu cu/kkj ou p;fur fd; x;A ikp LFkkuk d chVyk dk vfoHkko rFkk tyok; lEcU/kh vkdM ,df=r fd; x;A

phM ikbu ouk e eY;kfdr fofHkUu fQjkekU l flkt j;





j kx rFkk mu ij fu;=.k

cht tfur jkx

,fyvkdki l eujkuh] Mkb l kD l kye
ekykcfjde] fMIVjkdki l bfMdl] ovfj;k
bfMdk] xk l hf; k&x EehxkV] ikbflyku; jku
bfMde] l kbt hft; e ekykcfjde] ekbfjLVdk
ekykcfjd] uhek ,fvuvkv] e/kdk ykxhQkfy; k]
gkfi; k ikxk] fdx; kMUMku fiUukV k rFkk f l Uukekee
IYQ; jVe d Qyk rFkk cht k l 40 tkfr; k d dy
222 vkb l kyV k l iFkd fd; k x; kA
Mh- ekykcfjde] b- eujkuh] ,e- ekykcfjd]
ih- bfMde rFkk oh- bfMdk d cht k dh ikdfrd
dodh; ouLifr cht k rFkk vdjk d fy, jkxtud
ikb xb ,d ub dodh; itkfr ; Fkk&
iuhflykif l l bfMdl rFkk Mh- ekykcfjde d
cht k l vfHkKkr dh xBA dod dk u; k gkLV fjdKM
t l ih- bfMde dh cht k ij cyVfu; k jfEcdk rFkk
th- xEehxkV k d cht k ij ckVkyhf; k yvfji h l k l
fjiKV fd; x; A ou cht jkxtud dod ij fu;=.k
ik l kfi l T; yhfj yk j rFkk DykLVkul itkfr d iUkk
rFkk Nky d l Ro dk i; kx dj d fd; k x; k gA

nl dodh; itkfr; k ; Fkk& vYVufj; k
,YVukV] ,Lijfty l ukbtj] diykLifj; e
itkfr] pVf; e Xykck l e] DyMkLifj; e l k tkfr]
¶; l fj; e bD; l Vh] ¶; l fj; e vkD l hLifj; e]
iuh l hf; e f l Vhue] jkbt ki l LVkykuhQj rFkk
VkbdkFkhf l; e jk l h; e] ikbul tkj k fM; kuk
¶fpyxkt k½ cht k l iFkd rFkk vfHkKkr dh xBA
iuh l hf; e f l Vhue Hk. Mkj. k e fpyxkt k cht k dk
iHkkfor dju oky l cl iHkkoh dod FkA ; g n[kk
x; k fd 25°C ij 40-07% cht foxyu rFkk 01°C ij
8-27% cht foxyu iuh l hf; e f l Vhue d dkj. k
gvkA

pUnu dh ydMh d jkx

pUnu d ikp f l Yoh&gk fVdYp j y ekMy
tk fcougYyh] eMMukgYyh] xkVhij] ; yoky
¶e l j½ rFkk tj kdcUM e fLFkr g uk'kh dhV k rFkk
jkxk d fy, fujrj l of{kr fd; x; A pUnu iknik

d jkx doy vdj. k voLFkk e cgr iHkkoh FkA l Hkh
ikp ekMyk e voyk fdr fd; x; dN l k eU; jkx
MfEix vkQ ¶¶; tfj; e itkfr½] tM jkx
¶QkbV kQFkk jk itkfr rFkk Qkb fFk; e itkfr½ fVi
r"kkj ¶ckVh fV l itkfr½ tM {k; ¶flyMkdki ku
itkfr½ rFkk fVi r"kkj ¶Qek itkfr½ gA tM {k;
rFkk fVi r"kkj jkx d y{. k 2 l 3 o" k d iknik e Hkh
ik, x, A dYp j y rFkk tfod i) fr; k dk vulj. k
dj d bukdy e ¶ l jki½ Lrj dk ?KVku d fy,
icU/ku j. kuhfr; k viukb xBA

l kxku e cDVhfj; y foYV

l kxku d ,fidy {k= dh yfeuk dh yEckb
rFkk bVjekMy yEckb ij mUur l kxku jki. kk d
cDVfj; y foYV jkx dk iHkko fu; f=r dh ryuk e
ruk jkbMkfey e de ¶0-3% rFkk 0-2%½ rFkk m l d
lk'pkr LVIV k l kbfy u ¶0-1½ ik; k x; kA p. k QQn
ueh voLFkkv k e ikuk tkrk gA rFkk vkerkj ij xhy
ol r rFkk ir>M ekle e n[kk tkrk gA lYQj d
fNMdko ¶0-2%½ dh vu'k l k dh xb ijUr lYQj
dkey i fUk; k e[; r% xe ekle e ud l ku igprh
gA vr% bl fof'k" B oKkfud fujh{k. k d rgr i; kx
fd; k tkuk pkfg, A todh; , tV DyMkLifj; e
DyMkLij kM l] l h- vkD l hLifj e rFkk VkbdkMek
okbjU l 'kkfey fd; x; A tk fd lk; koj. k fe= g
rFkk cgr gh ykHknk; d ifj. kke nr gA

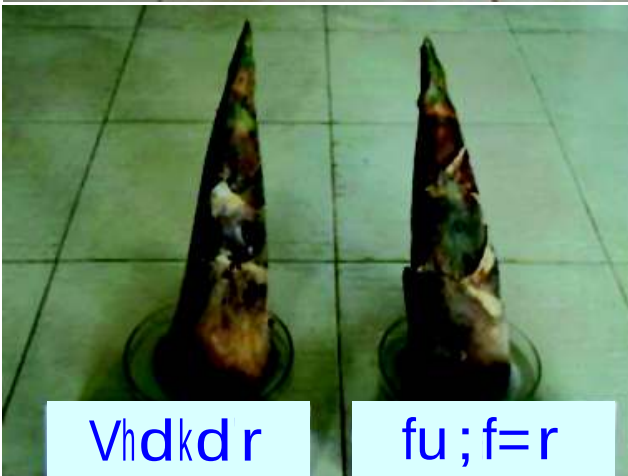
vkuy] uhe rFkk [kkej d jkxk dk icU/ku

fdLe ; Fkk dUpu] vkun 2 rFkk ,u, 7 u
¶¶; tfj; e vkD l hLifj e d ifr vf/kd lonu'khy
ifrfØ; k fn[kkbA i; kx'kkyk eY; kdu d vk/kkj ij
, Q- vkD l hLifj e dh of) d fo: /k jkbMkfey 0-2%
vf/kd iHkkoh ik; k x; k m l d lk'pkr jkbMkfey
0-1% cfoLVhu 0-2% rFkk fMFku ,e 45 0-2% ik; k
x, A N% dodjk/kh; k dh ryukRed {kerk u
3 vrjkyk ij ¶15] 25] rFkk 35 fnu½ vfHkfyf[kr dh
xb u l fuf'pr fd; k fd cfoLVhu] fMFku ,e 45
rFkk jkbMkfey nk l kUnrkvk ij rFkk Qk; Vkyku
0-2% ij ik/k'kkykvk e jkxk dk fu; f=r dju e
iHkkoh g tcf d fFkje rFkk QkYV kQ de iHkkoh FkA



e/; in'k ,o egjk"V l rhu jkxtud
;Fkk ¶; tfj;e lkykuh] oVh/hfy;e uhxj/U/
rFkk jkbtkdVfu;k lkykuh tk fd vukyk] uhe]
[kkej e fcYV ink dj jgh Fkh dk vfHkKkr fd;k
x;kA fofHkUu dodjfk/k;k d ifr jkxtud dh
vfr lonu'khyrk rFkk todh; ,tv fu;f=r
i;kx'kkyk voLFkkvk d v/khu fu/kkfjr fd, x,A
v le e uky jkV rFkk ck l CykbV jkx

i;kx'kkyk rFkk ik=k e j[k vdk e fd;
x; jkxtudrk ijh{k.k l idV gvk fd ¶; tfj;e
mne jkx dk vkDIfed tho gA nk to fu;=d
,tv ¼;Fkk Vkbd/kMek fojhMh] Vh- gk th,ue½
8 dodjfk/kh rFkk ,d thok.kuk'kd dodh;
jkxtud d fo:) ik= ijh{kkr fd; x;A lcl
iHkkoh dodjfk/kh rFkk to fu;=d ,tvk dk
bu&ohVk ijh{k.k d fy, p;fur fd;k x;kA pkj



i;kx'kkyk e jkxtudrk ijh{k.k

dodjfk/kh ;Fkk&ek l] cfoLVhu] ekD l heV rFkk
bMkfQy ,e 45 ik= voLFkk e iHkkoh ik, x;] dk
ik=k e j[k x; vdk u uky jkV rFkk ck l CykbV
jkx d fo:) mi;kx djd n[kk x;kA



ik= e j[k vdk e jkxtudrk ijh{k.k



¶; tfj;e mne d fo:) dodjfk/k;k
dk ik= eY;kdu



,df'k;k iitkfr;k e jLV dod dh gkLV
fof'k"Vrk

tk/kij d ikyh gkMI e jLV dod
jouhy;k ,okU/h d fy, ,df'k;k dh 14 iitkfr;k
ij gkLV fof'k"Vrk ijh{k.k fd;k x;kA doy vkB
itkfr;k u tk/kij e rkieku dh tyok;ohu
volFkkvk rFkk lkif{k d vknrk e vPNk in'ku
fd;kA jLV lØe.k d fo:) , - fuykfVdk bfMdk
lfr ,df'k;k dh lkr itkfr;k dk mi;kx dj
Økl&lØeDrk rFkk gkLV fof'k"Vrk ijh{k.k
ifjdfYir fd;k x;kA

jkghMk e: rUkk uk l j jkx

ckje e i;kx'kkyk LFky dk p;u dj
rFkk jkxh ueuk dk ,df=r dj] jkfgMk %Vdkeyk
vUMykV% e rUkk uk l j jkx d fy, mÜkjnk;h jkx
tudk dk foxyu Rfkk vfHkKkr dju d fy, lo{k.k
fd;k x;kA fofHkUu LFky l lØfer jkfgMk o{k l
lkr dod iFkd fd; x;A dod dk
yflvkfMlykbFM;k fFk;kcke] LVeQkbye itkfr]
,YVufj;k itkfr d :lk e vfHkKkr fd;k x;k rFkk
'k"k dod vKkr FkA jkxtudrk ijh{k.k d fy,
,dy dod itkfr;k rFkk bu dEchu'ku dk jkfgMk
dh LoLFk 'kk[kkvk ij Vhdkdj.k fd;k x;kA

[ktMh e;irk

jk tLFkku d 4 ftyk ;Fkk& ukxkj] f'kdj]
p: rFkk >u>u e eR;rk d ilkj dk vkdyu dju
d fy, LFky lo{k.k fd;k x;A ifr'kr [ktMh
eR;rk 18 l 23% ifr'kr d chp FkA xukMek
y/hMe] d vfrfjDr fofHkUu LFkkuk e ;knNnd :lk
l p;fur [k.Mk e o{k eR;rk d okLrfod vkdMk
d vk/kkj ij lØfer [ktMh tMk l eØkQkfeuk
Qf/vkyhuk dk iFkd fd;k x;kA ,dUFkkQkj l
fljkVhdkful fofHkUu buLVkj d v.M rFkk yok
dk i;kx'kkyk volFkk e ikf'kr dju d fy, ,df=r
fd;k x;kA i;kx d fy, ikp ftyk e N LFkyk
;Fkk& l jkuh %cky l j jkM] tk/kij % jk?kukFkij
%fMMokuk] ukxkj % >kjy % tk;y] ukxkj % xk'kkyk
%Qrgij] fl dj] p: %p: % rFkk l yrkuk %>u>u
dk p;fur fd;k x;kA mipkj lh,TkMvkjvkb]

,,Qvkjvkb rFkk ,vkj, l }kjk dh xb vu'k l i j
fd;k x;kA mipkj d io voykduk dk Mhch,p]
tM lØe.k Nnd@dodh; fu"i=d ifr'kr d
lFk rFkk yx mRiknu dk Hkkj fotoy rFkk ,Dpoy
fjdM }kjk vfHkyf[kr fd;k x;kA

xukMek y/hMe d Qy nu oky fudk;k dk
lØfer [ktMh o{k l ,df=r fd;k x;kA dod dk
iFkd fd;k x;k rFkk lkj?ke chtk ij cgxf.kr
fd;k x;kA jkbt kDVkfu;k cVkvHdkyk dk rktk
r;kj dYpj] tk [ktMh o{k e pkjdy ey foxyu
jkx ink dj jgk g] dk jkxtudrk ijh{k.k d fy,
c<g, vdjk ij Vhdkdj.k fd;k x;kA vc rd
VbdkMek itkfr d rhu fofHkUu LVU l dk] fofHkUu
LFkkuk l ,df=r dh xb enk e l iFkd fd;k x;k
gA

vk"kh; iknika d jkx rFkk mudk to
fu;=.k

e/; in'k rFkk NÜkh l x< l jkkyfQ;k
l iUVkbuk] foFkkfu;k l kEuhQjk rFkk DykjQkbVe
ckjhfoy,ue d jkx vfHkyf[kr fd, x;A MCY;-
l kEuhQjk dk ,d u;k vknhdj.k jkx tk fd
LdhfyjkfV;e jky l h }kjk tfur g Hkkjr e igyh
ckj fjikv fd;k x;k gA ,VxkfufLVd vkxfute
tl LVIVkekb l l itkfr rFkk c l hyl
,ehykfybDohQf'ku l dk enk l iFkd fd;k x;kA
i;kx'kkyk e vkj- l iUVkbuk rFkk l h- ckjhfoy,ue
d e[; jkxtudk ij ifrj/kh vkxfule l rFkk to
dhV uk'kh; k % ,d yhVj xke= \$ 100 xke iR;d
,TkMh jDVk bfMdk] ,yUFkl ,DIY l rFkk
dykVfil ik l jk d iHko dk ijh{k.k fd;k
x;kA VbdkMek gtue] cfly l fQjel]
ch-,ehykfybDohQf'ku l LVIVkekb l l itkfr rFkk
cfoLVhu 0-5% \$ LVIVkekb l l itkfr u jkx
fu;=.k rFkk cht mRiknu e lokre ifj.kke
fn[kk,A ,d nlj i;kx e i.kkyhxr QQnuk'kh to
dhVuk'kh rFkk to fu;=d ,tVk dk l h-
ckjhfofy,ue d Qkyk;j % iÜkk % jkx ij iHko dk
n[kk x;kA bl i;kx e LVIVkekb l l itkfr d
dYpj dk nk i[kokMk dk fd;k x;A fNMdko u
egROI.k to fu;=.k rFkk mÜke idn mRiknu



fn[kk; kA ikfVx feDlpj d fofHkUu l; k tu dk
i; kx dj d MCY; - /kEuhQjk d tM fodkl d fy,
ikfVx feDlpj d p; u ij , d i; kx fd; kA uhe
fvfd; k 50% rFkk enk feDl 50% MCY; - /kEuhQjk
dh lEi. k of) rFkk ehfyM; kMk t kbu budkxfuV
tfur ey foXyu e deh d fy, lokUke ikfVx
feDlpj l kfcg gvka

jkxk; d; fo:) ifrjk/krk dh tkp

df=e :lk l jkxtud lckefuvkLlkjk
o/hdyk/l dk Vhdkdj. k }kjk io'k djokdj
dTokjhuk bDohf/fVQkfy; k d 250 Dykuk e
QQkyk Nky jkx ifrjk/krk dk v/; ; u ik/k'kkyk
i; kx e fd; k x; k] ft le 36 Dyku jkxtud d
ifrjk/kd FkA 'k" k cp g, Dykuk dk fofHkUu fMfx; k
e jkxtud d ifr ifrjk/k rFkk lonu'khyrk n'kkr
g, ik; k x; kA dy fQukyk dk fo'y" k. k Hkh fd; k
x; k rFkk fofHkUu Dykuk }kjk fn[kk; x; ifrjk/k
Lrj d l kFk lglEcflU/kr fd; k x; kA

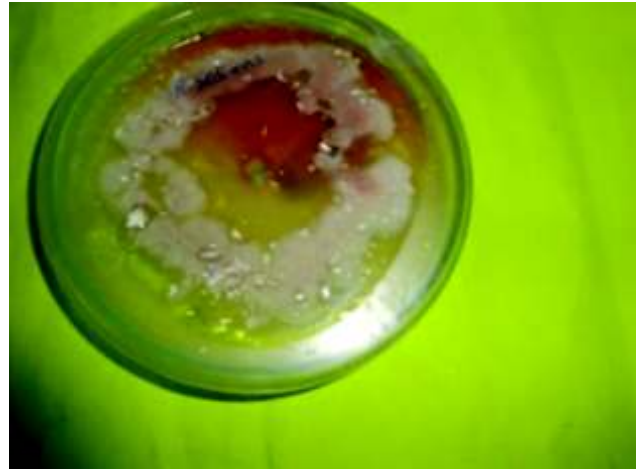
pkj fo"kkDr LVU l d l kFk l h/ k Vhdkdj. k dk
i; kx dj d MYcfTk; k flll d ¶; tfj; e lkykuh
foV jkx d fo:) ifrjk/krk dk 17 Dykuk e
ijh{k. k fd; k x; kA doy , d Dyku l [; k 103 u
ifrjk/k n'kkr; k tcf d Dyku l [; k 49 rFkk
1003 lcl vf/ kd lon'khy jgA

ikni; d; dodjk/kh x. k

lkr p; fur ikni Hkkxk %/krj d iUk] tM
rFkk /krjk LVmekfu; e d ch t] cyukbVl
, MgiVhd d Qy] fIVy l dkyh l kbuffk l dh
tM rFkk Qy rFkk Vijkf l; k iifj; k d Qy½ dk
Qxy jkxdkj d fo:) eY; k fdr fd; k x; kA
dodjk/kh fo'y" k. k d fy, dod d 'k) dYpj k dk
jk"Vh; Vkbi dYpj l xg] ou vu l U/ kku l LFkku]
ngjknu d ou jkx iHkkx l [kjhnk x; k g dy
14 l Rok dk ikp dodk d fo:) mud dodjk/kh
x. kk d fy, ijhfk r fd; k x; k ; Fkk& % 1½ fIVy l
dkyh l kbuffk l dh tMk d tyh; l Ro u
jkbt kDVkfu; k cVkhVhdkyk d fo:) vPNk
dodjk/kh fØ; kdyki fn[kk; k] ½2½ fIVy l
dkyh l kbuffk l dh tMk d , ydkgfyd l Ro u
¶; tfj; e lkykuh d fo:) dodjk/kh fØ; kdyki

ou j {k. k

fn[kk; k] ¾3¾ tyh; rFkk bFkufyd l Ro u fIVy l
dkyh l kbuffk l d iUkk d p; fur dod d fo:)
l kE; rFkk fu; f=r dodjk/kh fØ; kdyki fn[kk; k]
¾4¾ /krjk LVmekfu; e ch t k d tyh; l Ro u
, YVufj; k , YVukV k d fo:) vPNh dodjk/kh
fØ; kdyki fn[kk; k rFkk ¾5¾ /krjk LVmekfu; e ch t k
d , Ydkgfyd l Ro u l Hkh ikpk dodk d fo:)
fu; f=r l l kE; fØ; kdyki fn[kk; A



, Q- lkykuh d fo:) fIVy l dkyh l kbuffk l
dh tMk d tyh; vd }kjk fu; =. k {k=



, Q- lkykuh d fo:) fIVy l dkyh l kbuffk l
Qy d tyh; vd }kjk fu; =. k {k=

lky ou e [kji rok d; vi?kVu dh xfrdh
e/; in'k] NÙkh l x< rFkk mMh l k l
ikdfrd lky LFkyk dk p; fur fd; k x; kA
[kjikrok d ueu , df=r fd; k x; rFkk dku
QYdl rFkk , uihd d fy, fo'yf"kr fd; k x; A
[kji rok vi?kVu d l kFk l ; k ftr l {e ouLifr



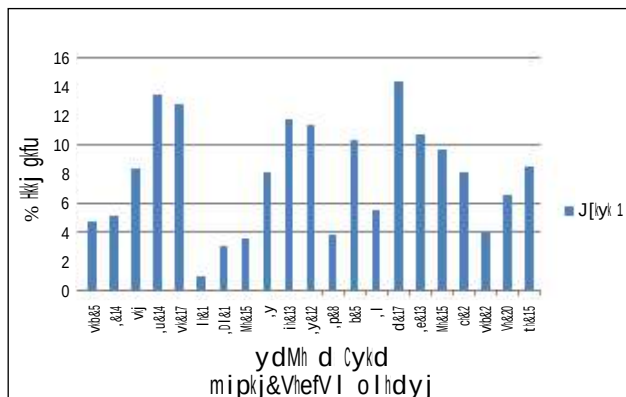
rFkk thotUr dk v/;;u fd;k x;kA dod tk ,DVkVkfQd ekbdkjbt k ¼: /yk/ rFkk iyohjkckyhVI] c/hMhVkekb/VI/ rFkk xLve d chp] ,LVk; / rFkk LdyjkMek/ x/hVhjekb/VI/ d chp½ lky o{kk l ,df=r fd, x, rFkk vfHkKkr fd; x;A vU; ykHknk;d lgk;d l{e tho VkbdkMek/ DyMkLikfj;e rFkk ih,lch lfrgr l of/kr fd; x; rFkk LFky voLFkk e vxrj mi;kx d fy, ifjif{kr fd; x; gA

cMk ei Qxy voØe.k

cMk e l Qxy ihfMr idk"B dk rhIj QhYM LV'ku] t l iMhekMdk l ,df=r fd;k x;k] Qxy ueuk dk lo/ku fd;k x;k rFkk 'k) dYpj dk ikf'kr fd;k x;kA idk"B ijh{k.k diuk dk lhlh, ,clki'ku d xfm;UV d lFk mipkfjr fd;k x;kA lhlh, mipkfjr diuk dk ,dy dod] d 'k) dYpj d lFk i;kx v/khu fd;k x;kA lkekku; rkj ij fu;=.k d lFk lhlh, dh fuEuykMx lofer gk tkrh gA tcf d mPpre ykfMx lØe.k dk ifrjk/k d jr h gA

vk;kfrr dk"B ei ikdfrd {k; ifrjk/k

vk;kfrr dk"B e ikdfrd {k; ifrjk/k nr i;kx'kkyk ijh{k.k d }kj lQn jkV dod VhefV/ o/hdyj d lFk ikdfrd {k; ifrjk/k dk ijh{k.k fd;k x;k] l Kkr gvk fd Ykl dh chp cM ¼Qkx/ xUMhQkfy;½ u mPpre ifr'kr Hkkj e deh ¼14-36½ mld lk'pkr , 'k oM ¼YD/hu/ vejhdku½ ¼13-48½ rFkk cfyt ;e dh chp oM u ¼12-84½ fn[kkb tcf d /kkuk Cykd l vkb lxxku ydMh d Hkkj e fuEure deh ¼1-06½ n[kh xba



vk.kfod ifjoriu'khyrk

vkblkyVk e ifjoriu'khyrk ftUg uk tuLk[;k j[kkvk dk vfHkKkr fd;k g] d v/;;u d fy, dkMh///fluufll d vkblkyVk d lFk vkj, ihMh&ihlvkj fd;k x;k ftUg mÙkj[k.M d fofHkUu LFkkuk l ,df=r fd;k x;k Fkka ,uvkjMh,u, d vkUrfjd VklØkbfcM {k= ¼vkbVh, l {k=½ dk foLrr fd;k x;k rFkk dkMh///fluufll d vkblkyVk dh iekf.kd igpku d fy, Øeokj yxk;k x;kA ch,y, lVh [kk t ifj.kkek u dkMh///fluufll d :lk e mudh igpku dh ifV dh ¼u;k uke vkfQ;dkMh///fluufll g¼A igyh ckj dkfM///fluufll d chV V;cfyl thu {k= dk vuØfer v/;;u fd;k x;k rFkk thu cd e tek djok;k x;kA

vk"K/kh; :lk l egRoi.k dod ei lfØ; fl)kUr

mÙkj[k.M d fofHkUu Hkxkfyd LFkkuk l ,df=r dkfM///fluufll d dN vkblkyVk e dkfMlfu] ,xkLVhjy rFkk ,Mhuklkbu [kk t k x;kA txyh d edkcy e mxk; x; dkfM///fluufll e dN to lfØ; fl)kUr cgr mPpre ek=k e ik; x;A dkfM///fluufll d Likjikjl e mifLFkr dkfMlfu rRo dh ryuk e rFkk mxk; x; ueuk e mifLFkr dkfMlfu d lfgR; l Kkr gvk fd dkfMlfu dh [krh mxk; x; X;kjg ueuk e mPp Fkh ftue lkr vkblkyV ISO 3 (0.024 %), ISO 6 (0.029 %), ISO 10 (0.013 %), ISO 21 (0.026%), ISO 22 (0.013 %), ISO 22 (0.016 %) rFkk ISO 33 (0.02 %) u egRoi.k :lk l mPp dkfMlfu rRo fn[kk;A gekj v/;;u d ifj.kke u inf'kr fd;k fd dkfM///fluufll dk lxxkj dh Qly ij mxk;k tk ldrk g tgk fd ikdfrd :lk l ink Likjikjl d edkcy e dkfMlfu dk mRiknu vf/kd ik;k x;kA ;g v/;;u dkfM///fluufll d lof/kr Hkkjr; vkblkyVk e dkfMlfu mRiknu d ckj e igyh fjikV gA



तह यलहमे ध मखब ख Qydk;

xlukMek y l hMe dh [krh

ikiyj fcyVI dk igyh ckj mi;kx djr g, vk"kh; :lk l egRoi.k dod xukMek y l hMe dk vkfFkd [krh ikVdky lQyrkiod fodflr fd;k x;k rFkk ngjknu rFkk utnhdh {k=k d e'k:e mRikndk dk lQyrk iod gLrkrfjr dj fn;k x;k gA

dk"B {k; Qxh rFkk mud: icU/ku

ckbl gkLVk l dk"B {k; dod d 102 ueu ,df=r fd; x;A ,d ub itkfr fuVLpdh;k VDVku rFkk dod d rhu u; fjdKM ;Fkk& vkLVkygkMue Mhth,ue] g tk lVkf;e;k Ylh rFkk Ldh tk ikjk fYoh ikjk Hkkjr e fjiKV fd; x;A

uk mPp ijthoh dod tk {k; dk"B e vkokl cuk jgk g iFkd fd; x;A bu e l VkbdkMek fofjMh rFkk ,Lijfty l fYol p;fur fd; x; rFkk nl dk"B {k;h dod VVehVh l f lxykV k] LVhfj;e fg lVe] ikbDukikj l l xu; l] VVehVh l Qhb] fQyhu l cfM; l] yuthbfVI ,yhxU l] fQyhu l iphyk; l] yUtkbVI ,dV k] vyhyk Ldkck l k] ftyhvkQkbye LVVe rFkk fYokMu fYol dh tfod fu;=.k d fy, ik=e ijhf{kr fd; x;A vekfu;e VVckkjV ikvf'k;e VVckkjV k] exuh t lYQV exuf'k;e lYQV ft d lYQV dkij lYQV ckjDI ckfjd ,f lM rFkk ;fj;k] d fofHkUu l kUn.kk dk bu jklk;uk dh fYokMu fYol rFkk VVehVh l f lxykV d fo:) {kerk dk eY;kdu dju d fy, ijhf{kr fd; x;A

ou j {k.k

, df'k;k dVp e ey foXyu rFkk ruk {k; rFkk mudk fu;=.k

, df'k;k dVp e ey foXyu rFkk ruk {k; jkx ink dj jgh dod dk [kk.Mok ¼6 ueu½ rFkk ;koreky ¼27 ueu½ l ,df=r fd;k x;A dk"B {k; rFkk jkx ink dju oky dod ¼vkjhdYfj;k] MYMhf; k d kU lUVhdk] fYokMu fYol] xukMek y l hMe] yUtkbVI iyh l kVh ekufMDV l] fQyhu l cfMv l] ih- fxyol] LVphfyfM;e] Lp kbt kQkbye dUeu rFkk V k: y k½ dk Qydk;h Hkkxk rFkk jkxh ueuk l iFkd fd;k x;A lo{k.k d nkjku ;koreky e fgojh jt e ,df'k;k dVp kji.k ¼[k.M 282 rFkk 310] 22 g½ e xukMek y l hMe d dkj.k ey foXyu jkx l 60 ifr'kr eR;rk fjdKM dh xBA e:e enk d dkj.k LFky cd k] Fk kA edVcUn e ;ok jki.k ¼,d o" k ijkuk½ rFkk ?kk l k jt iMkj d kM iHkkx dk lo{k.k fd;k x;k rFkk 5% v d j ey foXyu jkx d dkj.k er ik; x;A bl k i j fMxj k l ½ i l kM iHkkx e n l o" k i j k u j k i . k ¼f l l l rFkk u h e f e f J r ½ d k l o { k . k f d ; k x ; k r F k k m l y x H k x l o L F k i k ; k x ; k ¼ d o y 4 % i k n i k d k x u k M e k y l h M e d d k j . k e r i k ; k x ; k ½ A

2-7-3- ekbØkjkb t k] ekfj t kfc;k rFkk vU; mi;kxh thok.k

ekbØkjkb t k

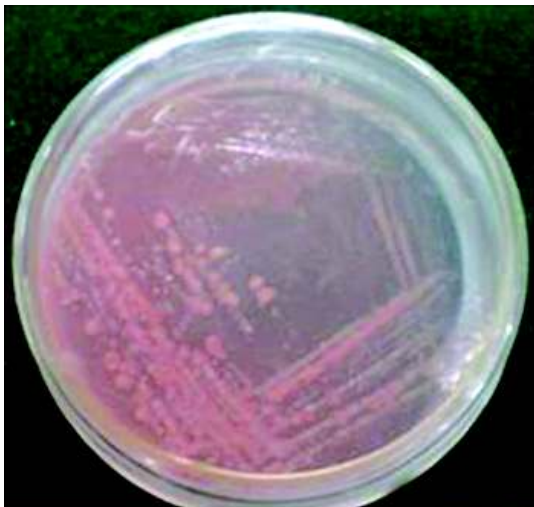
ydfj;k YkVjuk ¼1 vkblkyV½ rFkk fiFkkyhFk l ,Ycl ¼4 vkblkyV½ d fofHkUu idkj d ck°; ekbØkjkb t k ¼blhe½ Qxy bukdyk ¼clkbMkLij l] oehdykbV vk/kkfjr okUlifrd ekb l hfvyky rFkk ,yxhuV chM bukdy½ dk ,dy :lk e ,df'k;k vkjhdYhQkfe l] , - e f t ; e] dTojhuk bDohf lVhQkfy;k] l h- >?kgfu;kuk] ;dfy lV deYMyuf l l rFkk b- VjhVhdkfu l d i k / k ' k k y k v o L F k k d v / k h u f o l Ø f e r r F k k v l Ø f e r i k f V x e h f M ; e e m x k ; x ; v d j k e V h d k d r f d ; k x ; k A ; g l k k ; k x ; k f d , - v k j h d y h Q k f e l] l h- b f D o f l f V Q k f y ; k r F k k l h- > f > f u v k u k] d f y , i h- , Y c l ¼ v k l k y V 3 ½ d k o k u L i f r d e k b l h f y ; y] v k b l k y V 2 r F k k 4 , - e f u t ; e d f y , r F k k b- d e Y M y u f l l r F k k b- V f j f V d k f u l d f y ,



c lhfMLikj Vhdkdj.k] ik/k'kkyk e vdjk d fy,
of) l/kkj d fy, mi;Dr gA dTokjhuk e ih-,Yc/
¼vkb lkyV 3½ d okuLifrd ekbl hfy;e Vhdkdj.k]
bl d lk'pkr ih-,Yc/ ¼vkb lkyV 1 vkj 2½ d bl h
rjg d Vhdkdj.k d lkFk Vhdkdr folØfer
ikfVx ehfM;e e mx ik/kk e xfuFk vkcknh mPp ikb
xbA lHkh bl h,e Vhdkdr dh fdLek u bl h,e
mifuof'kdr tMk ¼dod 'kh''k½ dh vPNh l[;k
n'kkb] ih-,Yc/ ¼vkb lkyV 3½ d c lhfMLikj
Vhdkdj.k u LkHkh o{k i tkfr;k e cgr mPp dod
'kh''kk dk egRoi.k : lk l inf'kr fd;kA

ikni of) ikR lkgd jkbt kicDVfj;k
¼ihthihvkj½

djy rFkk rfeyukM e N% fofHkUu rho of)
n'kt o{k i tkfr;k d jkbt kLQ;j ueuk l lHkh
216 ihthihvkj vkb lkyV rFkk 26 fofHkUu ,,e
dod dk iFkd rFkk vfHkKkr fd;k x;kA bu lHkh
ihthihvkj vkb lkyV d tuu n0; dk i;kx'kkyk
e ikf'kr fd;k x;kA ihthihvkj, l rFkk ,,e- dod
dh tul[;k ?kurk fuf'pr dh xb rFkk eyhuk
vkckfj;k d lkFk&l kFk efy;k Mfc;k jkbt kLQ;j e
vf/kdre tul[;k fjdkM dh xbA ,-,e dod dh
vf/kdre tM mifuof'krk rFkk enk thok.k
tul[;k ,e- Mfc;k rFkk MYcft;k yVhQkfy;k
lfrg th- vkckfj;k e n[kh xbA ekle rFkk enk
ueuk ihthihvkj rFkk ,,e dod dh tul[;k
?kurk dk iHkkfor djrk gA



fuvkyejfd;k dnEc d jkbt kLQ;j l iFkDdr
cDVfj;e] , tkfLijhfy;e ,etkuU l



,yUFk l ,DIY l k jkbt kLQ;j l iFkDdr
cDVfj;e] c l hyl exkVfj;e

ihthihvkj vkb lkyV dh vkb,, d mRiknu
rFkk QkjLV foy;u {kerk d fy, tkp dh xb rFkk
ik/k'kkyk i;kxk d fy, lokre vkb lkyV dk puk
x;kA l kfm;e d fofHkUu l kUn.kk d ifr ihthihvkj
vkb lkyV dh yo.k lgu'khyrk dk v/; ;u Hkh ik=
voLFkk e fd;k x;k vkj ik;k fd dN vkb lkyV
lgu'khy FkA

rfeyukM rFkk djy e N% fofHkUu rho of)
n'kt o{k i tkfr;k d jkbt kLQ;j l ihthihvkj
¼ikni of) ikR lkgd jkbt kicDVfj;k½ d fofHkUu
vkb lkyV dh U;DykVkbm flDofU l iFkd dh xb]
dk ;jkfi;u ekyhdyj ck;k ykth yckjVjh
¼b,ech,y½ rFkk ,ulhchvkb vkdMk vk/kkj dk
iLrr dh xbA

,-,DIY l k jkbt kLQ;j ueuk l iFkd fd;
x; QkLQV l kyckfy thx cDVfj;k ¼ihthihvkj½ dh
vk.kfod y{k o.ku fd;k x;k rFkk ml c l hyl
exkVfj;e d : lk e vfHkKkr fd;k x;kA ik/k'kkyk
i;kxk u crk;k fd ,-,DIY l k] ,-,VkbQk; l k rFkk
,u- dnEc d to Vhdkdr vdjk dh egRoi.k of)
90 rFkk 180 Mh, vkb e fu;=.k l ckgj gA

lkyk i tkfr d vdjk t l efi;k QkbfVMk]
lEiykdk l dkdfgufl uuf l l] l kbt hft;e
D;feuh] l kbt hft;e vkukfV,ue] fepfy;k
fuykxfj dk ehpfy;k pEikdk ij p;fur
ihthihvkj vkb lkyV d iHkko d v/; ;u d fy,
fd; x; ik/k'kkyk i;kx u n'kk;k fd Tko Vhdk l
Vhdkdr vdjk e dVhdkdr fu;f=r vdjk l
vf/kd vPNh vdj LokLFkrk rFkk of) ijkenVj FkA



vk.kfod Vhdk $\frac{1}{4}$, tkLihjhye] L;Mkeku/]
clhyI rFkk ,tkVkcDVj $\frac{1}{2}$ dk vkbch, dh ryuk e
ihkkoh eykRifr rFkk ik"kdirk c<ku d fy,
;dfyIVI d 30 Dykuk ij ijhf{kr u n'kk;k fd
ihthihvkj, I Vhdkdr ;dfyIVI ruk dyek u
vkbch, mipkfjr dyek fu;f=r voLFkkvk $\frac{1}{37}^0$ I
rFkk 65% vkj ,p $\frac{1}{2}$ I vf/kd vPNh eykRifr fn[kkb
gA ihthihvkj] ch- exkVfj;e Vhdkdr Dyku I 14
u 14 fnuk d lk'pkr tkjnkj eykRifr fn[kkb vkj
vkbch, mipkfjr dyek I vf/kd vPNk ik;k vkj
eykRifr ifr'krrk 81% FkhA blh idkj
ih- jykj/h/U/ u Vhdkdj.k d 14 I 15 fnuk d
lk'pkr Dyku I [;k 111 e ey ikjEHk fn[kk;kA
Dyku I [;k 17 u fVdkdj.k d 15 fnuk d lk'pkr
70% ey ikjEHk fn[kk;kA gkykfd Dyku I [;k 1]
196] 19] 31] 16] 7] 9] 188] 186] 16] 63 tk fd
IR;koM rFkk d:u;k I ,df=r fd;k x; Fk] u
ihthihvkj, I Vhdkdj.k dk nj I ifrfØ;k fn[kkbA
bu Dykuk u Vhdkdj.k d 20 fnu i'pkr eykRifr
fn[kkb rFkk eykRifr dh ifr'krrk 45 I 58 rd FkhA
,,e dod rFkk ihthihvkj Vhdkdr Dykuk
 $\frac{1}{4}$ Ih 111] Ih 114] Ih 119] Ih 53 $\frac{1}{2}$ u fu;f=r Dykuk
 $\frac{1}{4}$ ih $\frac{1}{2}$ d vi{k k dk mPpre rRo fn[kk;A rh I Dykuk
e I Dyku I- 111] 191] 116] 76] 101] 154] 186] 14]
69 rFkk 123 u ey ikjEHk] fdukj dh tMk dh I [;k]
tMk dh yEckb] ijkg yEckb e vPNk in'ku fd;kA
vk.kfod Vhdk $\frac{1}{4}$ ih $\frac{1}{2}$ }kj Vhdkdr ;dfyIVI Dykuk
e ik"kdirk LRkj dk v/; ;u fd;k x;k vkj vk.kfod
Vhdk I Vhdkdr ;dfyIVI Dykuk e mPpre
 $\frac{1}{4}$ ih $\frac{1}{2}$ rRo ik, x;A

vle e fMIVjkdki I rFkk 'kkfj;k i tkfr;k d
I kFk ekbØkfgt ky I;k t drk dh fofo/krk

nk v/; ;u LFkyk e lo{k.k rFkk ,d=hdj.k dk;
fd;k x;k % LFky-I e velkb] dylh] /ki/kkj
,- jkLVk d fy, rFkk LFky-II e tikj fMXckb
rFkk ekxjhV Mh- jV I d fy, rFkk tikj ,I- v/fedk
d fy, FkhA p;fur LFkyk I jkbtLQ;j enk d
fu;f=r ueu $\frac{1}{4}$ I [;k 24 $\frac{1}{2}$ bDVkekbØkjbt ty tMk d
fefJr ueu $\frac{1}{4}$ I [;k 24 $\frac{1}{2}$ rFkk blh,e Qydk;h Hkxk
dk ,df=r fd;k x;kA blh,e tMk Hkxk d
vkdkjd; rFkk 'kkjhfd; foLrkj o.ku rFkk
blh,e Qydk;k dk i.k igpku rFkk xfr dh foj.k

d fy, dk; fd;k x;kA jLYk i tkfr dk I Hk
p;fur i tkfr;k d I kFk I;kftr ik;k x;kA vr
bl i;kx'kkyk ijh{k.kk d fy, p;fur fd;k x;kA
jLYk i tkfr;k dk ogn bukdye ikyhikbyhu
Fkyk e xg d nkuk ij ikf'kr fd;k x;kA

p;fur ikni i tkfr;k dh tMk d I kFk ,e d
foXyu ek=hdj.k rFkk mifuof'krk d fy,
jkbtLQ;j enk dk vkdfyr fd;k x;kA Xyke I
i tkfr dk i/kku LVu fjikV fd;k x;k ijUr
mifuof'krk ifr'kr de $\frac{1}{2}$ &4% $\frac{1}{2}$ Fkk ,e dod d
ekr bukdye dk thfor gkLV $\frac{1}{4}$ xg $\frac{1}{2}$ d I kFk feVh
d NkV eVdk $\frac{1}{4}$ I [;k 10] {kerk 650 xke $\frac{1}{2}$ e ikf'kr
fd;k x;kA ,e dod d ogn bukdye dk
ik/k'kkyk ijh{k.kk d fy, cM feVh d eVdk
 $\frac{1}{4}$ fdyk {kerk I [;k 25 $\frac{1}{2}$ e thfor gkLV xg d
I kFk ikf'kr fd;k x;kA fMIVjkdki I fjV I rFkk
'kkfj;k jkLVk d chtk $\frac{1}{4}$ I [;k 500 $\frac{1}{2}$ dk ,df=r
fd;k x;k vkj folØfer enk d I kFk Hkj g,
ik/k'kkyk Fkyk $\frac{1}{4}$ 20x21 I-eh $\frac{1}{2}$ e ck;k x;kA p;fur
gkLV i tkfr;k d I kFk ekbØkjbt dh {kerk dk
vkdyu dju d fy, i;kxk d pkj IV fd;k x;
 $\frac{1}{4}$ fu;f=r $\frac{1}{4}$ Vhdkdr ugh $\frac{1}{2}$ $\frac{1}{4}$ ii $\frac{1}{2}$ bDVkekbØkjbt k
dod I Vhdkdr rFkk $\frac{1}{4}$ iii $\frac{1}{2}$ vkrfjd ,UMkedkjbt ty
dod I I kFk Vhdkdr $\frac{1}{4}$ iv $\frac{1}{2}$ ck 0 ; \$ vkrfjd
,UMkedkjbt ty dod I VhdkdrA



jLYk i tkfr dk ogn bukdye



Xyke I i tkfr dk ogn bukdye



ik/k'kkyk ijh{k.k



, l- jkLVk dk cht



enk folØe.k



Mh- fjVll d cht

e?kky; ei vkciLdiyj ekbdkjkbty dod

nk iHkkoh rFkk l{ke LVUl %Xyke/ itkfr
rFkk fMxkLi{jk itkfr½ tk ou enk e 0; klr Fk iFkd
fd; x; rFkk Vi dYpj rFkk ikV@lykV dYpj d }jk

bukdye mRiknu rFkk ogn cgyhdj.k ijk fd;k x;kA
nk p;fur ikni itkfr;k d vdjk %e/vk Qjk ,y-
rFkk ,D;yfj;k ,xkykp jkDlc-½ dk oh, ,e dod
d lFkVhd i;kx d }jk ikf'kr fd;k x;kA



jkbtLi{jd enk ueuk dk lxg.k

if'peh jktLFkku ei ,df'k;k fuykfVdk rFkk
,yUFkl ,DIYl d fy, ,e dod rFkk
jkb tkch;e

ifjo'kh enk rFkk ,df'k;k fuykfVdk rFkk
,yUFkl ,DIYl dk fofHkUu ou ik/k'kkykvk ;Fkk&
,,Qvjvkb e.My ik/k'kkyk] HkV'oj ik/k'kkyk]
tk/i] ukoyx< ou ik/k'kkyk] >u>u rFkk ou fofHkx
dh mUur ik/k'kkyk ltr jkm %iky½ l ,df=r
fd;k x;kA jki.kk e ,df'k;k fuykfVdk okj- bfMd
d ey ifjo'kh enk ueuk dk fofHkUu LFkyk
;Fkk&ukxkj %4½ chdkuj %2½ ikyh %5½ rFkk fljgh
%5 LFkyk½ ftyk l ,df=r fd;k x;kA vdf'k;k
fuykfVdk okj- D; i/hQfe/ d fy, ueu ukxkj
%1½ ikyh %5 LFkyk½ rFkk fljgh fty %5½ rFkk ,yUFkl

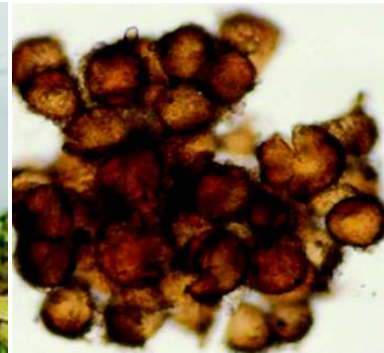
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ftyk l ,df=r fd;k x;kA enk ueuk dk ih,p]blh]
%0½ vkxfud dku %0 vk l h½ QkLQkj l %ih½ d fy,
fo'yf'kr fd;k x;k rFkk ,e dod dk iFkd fd;k
x;kA egroi.k tkfr;k dk ,D;ykLi{jk] fxxkLi{jk]
xyke/ rFkk Ldyhjk/hfLVl d :lk e vfHkKkr
fd;k x;kA bu pkj tkfr;k e Xykel cgr ikb xBA
Xykel dh fofHkUu itkfr;k th- ,xhxVe] th-
Q/hdyVe] th- ek/hvk] th-eØdkie
th- dkuLVhDVe rFkk Xyke/ itkfr d :lk e fjdKM
dh xBA ftue l th- Q/hdyVe lHkh LFkyk dh
ik/k'kkyk rFkk jki.kk e i/kku itkfr FkA Likj
tul[;k LFky l LFky rd fofHkUk Fk rFkk 163 l
480 ikixyl ifr 100 xke enk d chp FkA



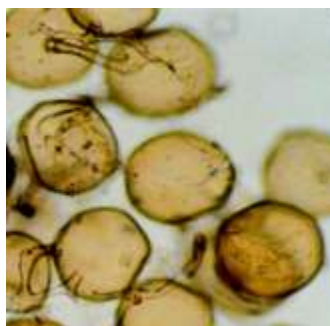
f l j k g h e , d f ' k ; k f u y k f V d k
d l k F k b f M d k



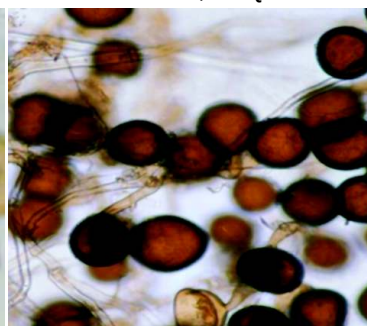
i k y h e , d f ' k ; k f u y k f V d k
d l k F k D ; i l h Q k e l



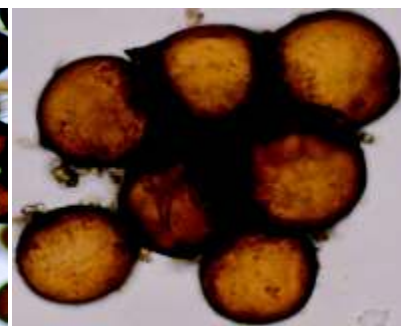
L d y j k f l l f V l i t k f r



X y k e l , x h x V e



X y k e l e k b Ø k d k i e



X y k e l i t k f r

Ý f l d ; k

d T o k j h u k d h t M k o k y h d y e k d l k F k
Ý f l d ; k d l Q y l ; k t u d k L F k k f i r d j u r F k k
V h d k d j . k d f y , f o d f l r r d u h d d k
l h - , D ; l V h Q k f y ; k r F k k l h - > u > g f u ; k u k d 10 v d j k
d k i ; k x r F k k i ; k x ' k k y k i j h { k . k e i j h f { k r f d ; k
x ; k A i j h { k . k e l h - b f D o f l V h Q k f y ; k d 93 D y k u k r F k k
l h - > ? k g f u ; k u k d v d j k n k u k e x k B 30 f n u k d
l k ' p k r c u u h i k j E h k g k x b A o f) i j k e l V j k i j v k x
, d f = r v k d M k u c h g b i j k g y E c k b] t M y E c k b]

d k y j M k ; e h V j r F k k t o i t d k Ý f l d ; k d h
10 L V U l d h u k b V k t h u l f Ø ; k d y k i k d f o ' y " k . k u
f n [k k ; k f d r V h ; r F k k r u k o { k = k l , d f = r L V u e
v f / k d r e u k b V k t h u l f Ø ; k d y k i ¼ 137-57 l 256-18
, u , e v k , y d l h 2 , p 4 f e - x k - i k V h u @ i f r ? k . V k ½
F k h A Ý f l d ; k V h d k d r v d j k d u k b V k t u r R o d
i k D y u u u k b V k t u r R o d h 0-159 f e x k @ x k e
v k l r f n [k k b A d k j b d y e l h - b f D o f l f V Q k f y ; k
r F k k l h - > u > g f u ; k u k d Ý f l d ; k V h d k d r v d j k
d l k F k , d { k = i j h { k . k L F k k f i r f d ; k x ; k A



d T o k j h u k d h t M k o k y h r u k d y e
e Ý f l d ; k x f F k d k l f o l ; k l



Ý f l d ; k < k p k

o u j { k . k