s[lif tyf jg lj!fg ljZjljwfno

**tg] af]\*L pTkfbg**



tof/stf{M

dlgiff rf}w/L

aL=P;=;L=PhL O{G6g{

t/sf/L hf]g,k;f{

ljifo ;"lr

[1=kl/ro / dxTj 3](#_Toc509898675)

[2=xfjfkfgL tyf df^f]M 4](#_Toc509898676)

[3=hftx¿ tyf aLp b/M 4](#_Toc509898677)

[4=hUuf tof/L, dnvfb 5](#_Toc509898678)

[5=nufpg] ;do 5](#_Toc509898679)

[6=yfFqmf] lbg] M 5](#_Toc509898680)

[7=l;+rfO / uf]\*d]nM 6](#_Toc509898681)

[8=/f]u 6](#_Toc509898682)

[8=1 sf]n]^f]l^«sd /f]u 6](#_Toc509898683)

[8=2 kmo'hfl/od jLN^ M 7](#_Toc509898684)

[8=3 df]Hofs efO{/; M 8](#_Toc509898685)

[9=sL/f 9](#_Toc509898686)

[10=k|lt s&\&F af]\*L v]tL cfDbfgL vr{ ljj/)f 10](#_Toc509898687)

[11=pTkfbgM 11](#_Toc509898688)

[12=af]\*L v]tLsf] nfuL pKof]u x"g] cf}hf/x?M 11](#_Toc509898689)

[13=lgisif{M 11](#_Toc509898690)

# 1=kl/ro / dxTj

Aff]\*L sf];] kl/jf/df kg]{afnLxf] . sf];] afnLx?n] jfo"d)\*ndfePsf] gfO^«f]hgnfO{ /fO{hf]laodgfds ;"Id lhjf)f"sf] dfWodåf/f df^f]dfl:y/Ls/)f u/L df^f]sf] pj{/f zlQmsfod /fVgdxTjk")f{ e'ldsf v]Nb%g\ . u]\*fu"\*L t/sf/Lx¿dWo] tg]af]\*L klg Ps dxTjk")f{ t/sf/L xf] / tg]af]\*Lsf] nx/f hfG% . o;sf] pTklQdWo cd]l/sfaf^ ePsf] dflgG% . o;dfk|z:tdfqfdfk|f]l^g, le^fldg P, vlghtTjx¿ sfaf]{xfO\*«]^ kfOg] x'Fbfo;sf] kf]li^sdxTj a(L % . tg]af]\*Lsf] ;'s]sf] bfgfbfnsfnflu / xl/of] sf];f t/sf/Lsfnfluk|of]u ul/G% .

# 2=xfjfkfgLtyfdf^f]M

of] udL{dfx'g] t/sf/L ePsfn] pRr / dWokxf\*L OnfsfdfudL{ ofddf / t/fO{df jiff{ / ;bL{ ofdafx]s c? ;dodfo;sf] v]tLul/G% . o;sf] v]tL ;a} lsl;dsf] df^f]dfx'g] ePklganf}^] bf]d^ / lrlD^nf] bf]d^ df^f]dfo;sf] v]tL /fd|f] x'G% .

# 

# 3=hftx¿ tyfaLp b/M

**afnLsfhft**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| qm=; | afnLsf] hft | kfSg] lbg | pTkfbgIfdtf -d]=^g÷x]\_ | l;kmfl/; If]q |
| ! | v'dntg] | ^)—&) | $=% | t/fO{ / dWokxf8 |
| @ | ;nf{xLtg] | %)—^) | &=) | t/fO{ / dWokxf\* |
| # | rGb|f 041,-kGhLs/)fdfq\_ | 48 | 33 | t/fO{ / dWokxf\* |
| $ | sdf{ :^Lsn]; -kGhLs/)f dfq\_ | 45 | 15 | t/fO{ / dWokxf\* |
| % | Pgcf]—324-kGhLs/)fdfq\_ | 60—65 | 4=6 | t/fO{, dWotyfpRrkxf\* |
| ^ | l;nf—464-kGhLs/)fdfq\_ | 35—40 | 5 | t/fO{ / dWokxf\* |

v'dntg] -/ftf]\_ / ;nf{xLtg] -sfnf]\_, k|d'vb'O{ k|rlnthftx'g\ . 2 s]=hL= k|lt /f]kgLaLpsf] cfjZostf kb{% .

# 4=hUuftof/L, dnvfb

/fd|/L 2÷3 k^svghf]t u/L \*Nnfkmf]g]{ / kfgLghDg] u/L bf]d^ df^f]dfo;sf] v]tL /fd|f] x'G% . 20÷25 \*f]sf] /fd|/L s'lxPsf] uf]&] dncyjfsDkf]:^ dn, 4 s]=hL= o'l/of, 6 s]=hL= \*L=P=kL= / 5 s]=hL= kf]^f; k|lt /f]kgLsf b/n] hUufvghf]t ubf{ /fd|/L df^f]dfldnfpg'k%{ . of] klgsf];] afnLePsfn] o;n] AofS^]l/ofsf] ;xfotfaf^ h/fdfgfO^«f]hg hDdf u%{ . To;}n] gfO^«f]hgo'Qmdnn] eg] ^k\*«]; ul//xg' kb}{g .

# 5=nufpg] ;do

dWokxf\*L If]qdfeg] ;a} k|sf/sfl;dLsf] ;lhn};Fu jif{dfb"O{ afnLlng ;lsG% . t/fO{df ;fpg—ebf}dfaLp %l/G% eg] c;f]h—d+l;/dfafnLlnOG% .

# 6=yfFqmf] lbg] M

tg] af]\*L nx/] afnLePsfn] yfFqmf] lbg"k%{ . yfFqmf] lbFbfafF;sf] ef^f, lgufn] cyjf ?vsf] xfFufn] yfFqmf] lbg"k%{ . jiff{df /f]Kbf 120 ;]=ld= sf] km/s kf/L \*\ofª p&fpg] / \*\ofªsf] %]pdfnfOgldnfO{ aLp /f]Kg'k%{ / aLppd|]kl% afF;sf] ef^fcyjf ?vsf] xfFufsf] yfFqmfsf] ;xfotflbg"k%{ .

# 7=l;+rfO / uf]\*d]nM

aLp %g"{eGbfklxn] /fd|/L kfgLk^fpg"k%{ / k|z:tlr:ofg %b} aLp /f]Kg"k%{ . To;kl% cfjZostfcg";f/ l;+rfOub}{ hf"k%{ . emf/kftpd|]kl%s"^f] cyjfv"kL{n] /fd|/L vg]/ uf]\*\g"k%{ .

# 8=/f]u

## 8=1sf]n]^f]l^«sd /f]u

h/fb]lv d"Vo \*f&sf] efu v}/f] s"lxgyfNb% / kx]nf] eO{ cf]OnfPsf] b]lvG% . /f]syfdsfnfluly/fd -0=25\_ n] aLpsf] pkrf/ ug]{ / v\*f afnLdf /f]u b]lvPdfDofGsf]h]a -0=2\_ ljifflbn] :k|] ug]{ .

## 8=2 kmo'hfl/od jLN^ MC:\Users\Dell\Downloads\fusarium wilt.jpg

h/f ;lxtaf]^ cf]OnfpF% /f]syfdsfnflusfj]{G\*flhd -0=25\_ n] aLpsf] pkrf/ ug]{, ;/;kmfO{, #"DtLafnLckgfpg / lgsf;sf] /fd|f] Joj:yfldnfpg ;NnfxlbO{G% .

## 8=3df]HofsefO{/; M

****

kftx? kx]lng] / u'h'd'h' kg]{ /f]u . /f]syfdsfnflu of] /f]u nflxsL/faf^ ;g]{ ePsf]n] nflxls/f lgoGq)fsf] nfludflypNn]v ePafdf]lhdljifflbsf] k|of]u ug'{kb{% . aLp /f]Kg' cufl\* ^«fO;f]l\*lodcyf]{km:kmfO\* -10\_ n] 20 ldg]^ ;Dd aLp \*'afOpkrf/ ug"{kb{% / ;/;kmfO{sf] /fd|f] Joj:yf ug]{ / /f]uL af]^ la?jfx? pv]n]/ uf\*L lbg"kb{%.

# 9=sL/f



t;lj/M nfxLls/fn] cfs|ldtePsf] af]\*L

Nfflx / kt]/f] sL/fn] gf]S;fgk'o{fpg] x'gfn] Joj:yffkgsfnfluPu|f] :k|] 10 ld=lnk|ltln^/ kfgLdfjfdfuf]{;f]d 5 ld=lnk|ltln^/ kfgLdfjfl%lKkPsf] -8—10 lbg k"/fgf]\_ cldnf] df]xL 600 ln^/ k|lt x]S^/sf b/n] %bf{ k|efjsf/L kfOPsf]% .

# 10=k|lt s&\&F af]\*L v]tLcfDbfgLvr{ ljj/)f

|  |  |  |  |
| --- | --- | --- | --- |
| ljj/)f | Kl/df)f | b/ | hDdfd"No |
| hldgsf] tof/L | 3 hgf | 700 | 2100 |
| lap | 600 u|fd | 200 | 1200 |
| h}ljsdn-edL{sDkf]i^\_ | 30 s]=hL= | 30 | 900 |
| o"l/of | 6 s]=hL= | 30 | 180 |
| \*L=P=kL | 9 s]=hL= | 52 | 468 |
| kf]^f; | 7=5 s]=hL= | 40 | 300 |
| ls^gf;scf}ifwL |  |  | 1500 |
| uf]\*d]n / l;rfO{ | 3 hgf, 3 k^s | 700 | 6300 |
| afnLl^Kg] vr{ | 2 hgf | 700 | 1400 |
| cGovr{ |  |  | 5000 |
| hDdfvr{ |  |  | 19,348 |
| cfDbfgL | 1000 s]=hL |  | 50,000 |

aL=;L= cg"kft= ;Dk')f{ cfDbfgL÷ ;Dk')f{ vr{

=50,000÷19,348

=2=58

aL=;L= cg"kft 1 eGbf a(L ePsf]n] Jokf/ gfkmf of]Uo /x]sf] % .

# 11=pTkfbgM

aLp /f]k]sf] 60—70 lbgdf xl/of] sf];f l^Kgtof/ x'G% . k|lt /f]kgL ;/b/ 200 b]lv 400 s]=hL= xl/of] sf];f pTkfbgx'G% .

# 12=af]\*L v]tLsf] nfuLpKof]u x"g] cf}hf/x?M

* ^]S^/
* v"kL{
* sf]bfnf]

# 13=lgisif{M

af]\*L v]tLls;fgsfnfuLkmfO{bfhgsx"G% . yf]/} nufgLdf w]/} cfDbfgLx"g] v]tLxf] . af]\*L Ps bnxgafnLePsf] x"gfn] cfkm} jftfj/)fdfePsf] gfO{^«f]hg afnLsf] h/fdfhDdf u%{ . To;}n] af]\*Ldfk^s k^s o"/Lof %g{ cfjZos b]lvb}g .