

Tobrak ko jen Ri-katok ro

Kalon lok menin eddok ko, jen tissue culture, kajirere, komakit ko nan jikin ekate ko, im bok leen



Elone ewor am kajitok ak kwaikuj elap lok melele jouj im kaibak tok:

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COLLEGE OF THE MARSHALL ISLANDS

KOTAK

**Kilen Im
Wawen Ekat
Nan Ri-Kallip
Ro**



College of the Marshall Islands
Cooperative Research & Extension
(USDA Land Grant Institution)

Kilen Ekate Kotak: Melele Ko Raworok Im Ben

Bwidej

Kotak emaron eddok ilo belaaq in bwidej ko relap, botab tobrak ko raelap im emman naj walok jen kotak eo elane emulal, im eman an dan driwoj delon ilo bwidej, bwidej eo ej aikuj bwe pH eo ie e jonan in 5.5-5.6 pH. Bar inwot bwidej eo ejjab aikuj in lukkun dedekake bwe enaj kakure an mona eo ilo an bwidej eo mour, ejjab menin wot ak en jab bar kakure am naj tan bok leen ko ilo am kuboj bwidej eo.

Mejatoto Eo

Kotak emaron eddok ilo Majol in, elone okmenen, molawi mejatoto eo emman jonan, im emman jonan an woot. Jabrewot jikin ko im emman jonan molawi in bwidej eo tokjen wot an emman jonan an woot, elap an aurok ne jonan woot eo enjab lap nan kotak.

Kilen Am Koboj Bwidej E

Koboj bwidej eo am ejjelok oktak jen crops ko jet enwot corn im ko jet. Boktake bwidej eo kin kain boktak ko, koba ki lok phosphate fertilizer elane ej menin aikuj ilo tore eo kwoj ekate. Bwidej elap lok an emman an mour elane jej kon e. Elkinwot jet ran in am naj kotlok bwe en make kot, bar boktake bwidej eo kin wan boktak ko, ak nan jikin ekate jidik ko komaron boktak kin hoe ak rake ben ko. Elkin wot an naj bok an maron ak kajur jen men kein ion emaron mora im erakrak nan ekate katok. Katok remaron ekate ekotaan bed ko, ilo ijoko rejume. Koboj bet ko im kojerbale to nan am ekate kin jonan in 18"-24" kotare.

Kilen Kaine

Ine ko ak cutting ko rej komman jen mennin eddok ko ebalaaq kin katok eo, ak jen dapdap in kotak eo make. Bok wot lonnin kin jonan in 1/8"-1/4" jen corm eo ak mona eo, im bar 10"-12" in petioles ne. Komaron bar ekate katok jen am kojerbale cutting ko, botab men jidrik ko, cormels ko elap lok kejon kojerbale. Men kein

komaron katke ilo dormancy period eo, Elane eon il (sprouts) ak jino an walok boran menin eddok in, komaron in katoke kin biem ak kin koob jidrik ko, kin jonan mulal in 6" jen ion lal.

Fertilizers

Kotak ko ri-aikuje bwidej ko remorur. Nan ekate ebelaakin moko, kojerbal 7-30-20, 10-20-20, ak ko jet rebaki lok numba kin ilo 2.75-3 lbs per 100 square ft mokta jen am ekate. Boktok fertilizer eo nan ion bwidej eo im lelok nan bwidej eo ilo am kajeded, boktake, ak rake. Ilo 2, 4, ak 6 allon elkin am ekate, kojerbal 1 lb per 100 square ft kin melaan in 16-16-16 ak ko rebake lok nan torene in bet ko. Ne ejjab ekwe 1.25 lb per 100 square ft 3 im 6 allon elkin am ekate.

Wut Tidikdik

Lap jen jonan dan emaron kakure laplok im toprak eo an katok. Elone enaj lap jen jonan an tutu im molawi bwidej eo, innem enaj komman bwe en wor bedkat ilo bwidej in ekate katok eo am. Ilo bar juon wawein kwoj jab aikuj kotlok bwe en bedkat ijo kwoj ekate ie en to an bed. Bwe en lukkun in emman kwoj aikuj in wote ak lale wot jonan molawi ak tutu in bwidej eo am bwe en emman jonan, (en tutu ak molawi botab and lukkun pidodo an dan diwoj drelon) maan lok ilo tore eo menin eddok ko rej bed ilo jikin ekate eo am. Komaron kojerbal kein wut-tidikdik ko nan wut-tidikdik.

Bobrae Uuoj

Kotak ellukun mojno nan an jiae mona jen bwidej eo jen uujoj. Enkab ilo jonan detan ne 3-4 allon elkin am kar ekate. Ilo torre ne im bulok kane re jino aer walok. Jino am bobrae uujoj ilo am kanoki lon tak wot jen bwidej eo, ak kojerbal hoe ak tool ko jet nan am kanoki uujoj kein. Elkin wut an jino ajeded bolok in kotak eo, bolok in kotak eo emaron bar bobrae uujoj jen an eddok jen wot an kaler e ejoko uujoj ko rej kajeon in tan eddok ie. Jen wot men in e komman bwe an driklok an okar ko naj joren im laplok an emman an mona eo ilo kotak eo mour.

Bobrae Pest Ak Kijj

Elon jet insects renaj kakkure an kotak ko mour. Insect ko im elap ear kejjon kakure kotak ko rej leafhopper (*Tarophagus proserpina*) im aphids (Aphis spp.). Aphis rej jab lukkun kuatata nan katok ko, ejelokin wot ne elap an lon wot im lon. Insects kein rej kakkure kotak ko jen aer jeromi dan ko jen depdep in kotak eo, im bolok ko. Joren in leafhopper emaron wolok jen an brown ak kilmej ibelakin depdep eo an kotak eo. Dan eo jen iloan kotak eo kwalok ak komman ron ebalakin depdep eo. E pidodo ad naj loe aphid kain ibben bolok in kotak jidik kein. Ejoke aphid ko ilo okar reban walok

kin ear bed ibulan bwidej. Enanen aloep insect ko im eka aer kakkure kotak, komaron kojerbale insecticides (poison ko) nan bobrae jen ear walok ak laplok. Botap aphid eben lok kilen bobrae jen aolep insect ko jet ilo kojerbal insecticides. Elubeljen aolep kijj ko im rej bar kakkure katok ko leaf blight eo im ej wolok jen *Phytophthora colocasiae* ej kijj eo ej make wot kauatata ian aolep kijj. Kijj in elap wot an jermal ilo season in woot ko. Im drik lok aer jerbale ilo ran im allon kane elap aer bwil. Nan bobrae leaf blight, lale bwe an ejelok fungi ilo kotak ko koj wia kaki ak ne kwoj lemnak in bar ekate ekwe en ejjelok fungi ilo menin eddok ko. Uaak eo nan joren in ej ekate wot katok ko im rebban joren jen kijj in. Jemaron loe ak kile leaf blight ko jen wot an menin eddok eo lukkun biolet ak lukkun brown. Im lukkun erreo an yellow jen ebelaakin. Kijj ko jet em ekke ear jelet kotak ko rej dry rot jen *Sclerotium rolfsii* im phyllosticta leaf spot rej jen *Phyllosticta colocaliophyla*. Kijj kein remaron in bar kakure katok ko, botap ejjob lukkun lap aer walok elane emman am lale jikin ekate katok eo am.

Bok Leen

Katok ko renaj bojak nan mona 8-10 allon ellkin am kar ekate. Ilo an ebaaq tok ran in am iten etan bok leen katok ko ak boke mona ko, bolok ko renaj jino ear oktak im lukkun yellow, depdep eo enaj jino an kadu lok, kajjon dik lok jen jonan 2'etok in, im mona eo e jino an kalon tak jen bwidej eo. Kotak ko renaj bojak nan mona elone aolep cormels ko renaj oktak im dormet; Menin ej, elone bolok ko ro oktak im more, aetok en an kar eddok ilo jikin in, aurok in mona eo, emman in bwidej eo, im an lon dan. Nan moko mod make, komaron mona jen kotak ko nijem juon wiik mokta jen 8-10 allon. Komaron kokkone katok ak mona ko, ejjoke corm ak mona eo ej aikuj moj an kalkol im jolok jen an tutu im erreo mokta jen am kokkone, kokkone ilo refrigerator ak ejjoko remolo enaj komman bwe en too lok wot an mona eo bed. Bolok in kotak ko reban too aer bed elone jeban kelet ko wot emman aer mour, ma kar ta ne bolok wot ak nan kojerbale. Komaron in ebok ak mona jen bolok ko jabdwot ieen ilo tore eo katak eo ej eddok maan lok wot. Bolok ko wot im rej kab walok, komaron in mona jen ie, menin ej nan ad kotlok bwe kotak eo an mour man lok wot.