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Ekkat Bejitobol Ilo Aelon Ko Ilo
Republic An Marshall Islands





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Projeek in ear maron komman jen jaan in jiban jen European Union – North Pacific –
Readiness for El Nino (RENI) ilo Marshall Islands.



Book in ear jeje in Konrad Englberger, SPC Consultant.

Ukok eo an book in ej itok jen Josephine Maddison, MIOFA/ELEFA im ekar edit jen Newton Lajuan,
RENI National Coordinator nan RMI.

Eddo Ko Rejelet Naan im Melele ko ilo Book in.

Book in ekar jeje jen jaan in jiban ko jen European Union. Naan im melele ko iloan rej anwot ri-jeje
in make im emaron jab ko an European Union.

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Foreword

The Honorable Dennis Momotaro

Ministry of Natural Resources & Commerce
Majuro, Republic of the Marshall Island, 2019

Okoktak in mejatoto emoj re an jelet mour ko an armej in Republic an Marshall Islands. Mona ko re-aorok (einwot, iraj, waini, ma, im bob) emoj aer meiur jen okoktak in mejatoto ellap ko einwot dindin-in-mejlep im naj laplok raan kane tok.

E-bareinwot maron laplok wonan ko im ilan lito-litak mona ko jen likin (einwot, raij, bilawe, juka, im betkoj) ilo raan kane re-baak. Kin menin, jej aikuj rool im unare bwidej eo im kolaplok ad ekkat mona ko kijed make bwe en maron kojbarok i-kanomi in ad im mour ko an armej ro ad jen jabrewot jorraan ko walok jen an laplok wonan mona ko jen likin.

"Ekkat Mennin Eddok ko ilo Republic an Marshall Islands" ejjab juon book epad aolep melele ko ie ak ej juon wawein eo nan jiban kolaplok kotmene kijien an wor mona ilo ien aban. Jibabbad in an North Pacific-Readiness for El Nino (RENI) projek eo ej koka-joorlok jibabbad ko an Kien eo an Republic an Marshall Islands nan koonmaanlok jela im karon armej bwe ejmour ko aer ej bedbed wot ion mona ko remman im naaj kadiklok naninmej ko einwot tonal im high blood.

Kin men in, book in ejjab aorok wot nan kolaplok jerbal in ekkat mona ko kijed make ak bareinwot nan rojan armej in RMI bwe en laplok aer mona men ko kijed make bwe en emman im aitoklok aer mour. Ej bareinwot juon wawein an elon baamle ko maron kolaplok jaan ko aer ilo aer naj wia kake mennis eddok ko.

Ilo ad naj kobaik koppan 2013 Food Security Policy eo ippan policy ko an Kien make im ko jen douluul in jiban ko, ej ao ettonak bwe Marshall Islands emaron in ejaae juon jerbal laplap in ekkat aelon kein wot make im wia kaki likin.

El Nino enaj wonmaanlok wot im boktok dindin-in-mejlep nan RMI raan kane tok, ak jen jiban ko jen RENI, armej ro rej jukjuk-im-amnak ilo aelon ko Ratak Ean renaj laplok aer bojak im jokum-man.

Ej ao kotmene bwe ukok in an book in enaj komaron armej ro ad bwe ren unare peier make ilo ad jelmae melijion ellon ko rej jujelmae lal ettate in ad.

MAKE EKKAT ENAJ LEWAJ MONA NON BAAMLE EO IM JUKJUK IN BED EO, KIN MONA KO ELAP UNEIR)

KELET JIKIN EO

Bwe en emman aer eddok, bejitobol ko aikuj meram in al. Elane ejjab maron, innem kelet juon jikin eo elap wot an kejeje ilo jibbon im jab elkin raelep. Ijowotke, elane jikin kallep eo elap wot an ellor, innem kajion ekkat bejitobol ko im emman aer eddok ilo ellor einwot cabbage.

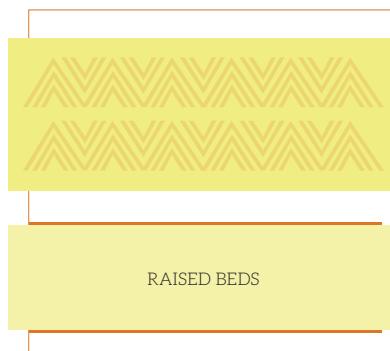
WORWOR:

Komman worwor ej aikuj non bobrae an piik, kidu im bao kakkure men in eddok ko.



FENCING MADE OF LOCALLY
SOURCED MATERIALS

Bejitobol ko maron kajju ekkat ilo bwidej eo emman, pot ko, bag ko, ieb ko, im raised bed ko.



RAISED BEDS



Ejaak bed ilo jikin kallip ekomanman wawein an okar ko tarto-tartak kinke repad ijoko rejaad utej jen ijoko redekeke im ejjab debij den



INE

Elap an wor tokjen bwe kain ine eo kelete en maron eon ijoko remenen, rebwil, im ijoko rewot-tuwot.

INE KO EJELOK JEMLOKIN KOJERBALE:

Ine ko kojerbali jen ejja keinikan eo wot kab ekkat jene.

INE KO RUO WOT KOTTAN AM KOMAN INE JENI.

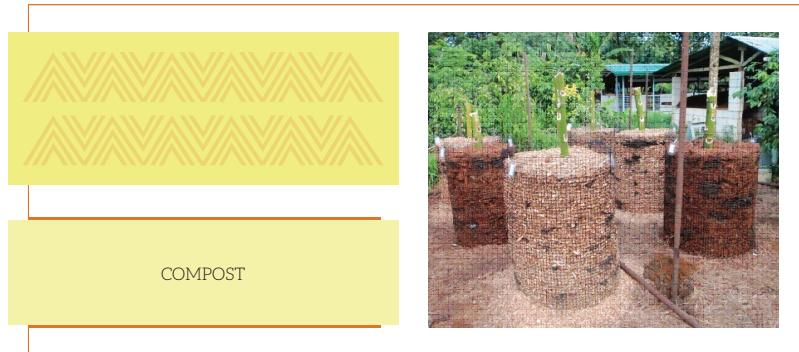
Ine ko rejamin kowalok leen ko remman elikin ruo wot kottan kaddek jeni.

KON:

Koman elon kain iiok in kon einwot ilo lajraak in ilal

- 1/3 bolok maroro, ujoj, kobwoj ko walok jen jikin mona eo.
- 1/3 bolok monaknak, tob in wojke ko, bweo mor ko, ak menoknok ko jet.
- 1/3 Kobwijen pik im bao. Markinenjojo im kille.
- Utdikdik kin bwidej ko ewor kij ko ie nan komkaj an kot kon ko.

1. Kon eo ejake en jaad lap jikin an kot tarto-tartak. Ilal tata in kon eo ejake, likit mottan alal ko rellap, nan kolap melwan an ito-itak kot eo ilowan kon eo
2. Ejake kon eo ilo loor ejaa kein karki bolok monaknak ialtata 3-5 inij, bolok kiriin tok ion 3-5 inij, kobwijin pik ak bao tok ion 3-5 inij im utdikdik ion kon eo kin ½ bwidej kilmej. Ejake kon eo mae ien etobar 4 - 5 ne utej.
3. Ukot kon eo elikin 3 - 4 wiik enkab ne ewor bwidej in pik ilo kon eo
4. Kon eo aikuj in bwil ilon-in lok 140-degree F nan man kij ko
5. Kilen koman kon ko kein
6. Koba eo iolap nan koman jikin koto



WEWEIN EKKAT BEJTIBOL:

BEANS:

Ewor jet lajrak in bean ko einwot: bush beans, climbing beans and winged beans.



CLIMBING BEANS:

- Ejaad lap aer kowa, aitok kitien aer eddok, kalle im ekka aer edde ilo worwor .
- Jikin eo enaj eddok ie eaikuj in bolemen im bojak
- Aikuj bwe en 4 inij jako-lok ilo bwidej im bwe kon eo aikuj in koba ibben.
- Bean jab in ej kajju katke ilo atoke eo.
- Yard Long im Hawaiian Climbing im bean ko jet rej bar.
- 10 - 15 inij ikotan ine ko, 30 - 40 inij ikotan row nan row
- Ine eo ej jakolok ilo bwidej kin ½ inij.
- Jino bok leen elikin juon allon im naj kalle manlok 3 allon ak maanlok.
- Kanne ron eo kin kon ilo ien eo katake ak emaron elikin an ine eo eddok.
- Kaujouj atoke eo ekomakiti kij ko jen jikin kallip eo.



- Ine ko an Chinese Cabbage aikuj in keleti ekkar nan mejatoto in budej kein bwinnid. Mejtoto kein ad rooktak lok jen lal ko jet ibelakid. Lal ko jet im eoktak mejatoto ko air jen kij, rej aikuj in ekkat wot ilo book, ilo nursery ko mokta jen leto-litak.
- Ine ko rej aikuj ekkat ilo jikin kallip ko elane emoj an walok 3 bolok ie.
- Mokta jen an ine ko emoj aer een emakit lok jen nursery eo nan jikin kallip eo
- Jikin kallip eo aikuj in dedelok mokta jen an ine jiddik ko ekkat, einwot ba emoj kabidodo, koman bet, emoj kone ijo kin kon eo emoj iioka.
- Kajededeiki kon eo ibelakin ijo ine eo ej iten ekkat ie kin 4 inij belakin, im ikotaan ine nan ine ej 12 to 18 inij ilowan jikin kallip eo pedped kin kain ine rot.
- Enaj bok 30 lok nan 60 rana nan bar najdij jikin kallip eo kin kon ak emaron elikin wot am katok ine jididik eo.
- Kaujor im komakit jabrewot mona eo emoj an kalle enaj komakit jabrewotekij im meinin mour ko jet jen jikin kallip eo.

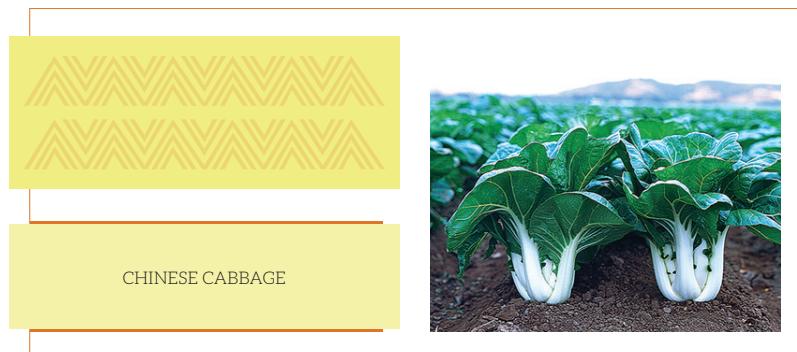
CHINESE CABBAGE:

Katok wot ine ko rekkar nan aelon kein ad. Baamle ko jet uwaan Chinese cabbage rej; Tropicana, pak choy im ko jet emoj kamool ke renaj eddok ilo bwidej kein ad im ekka katki ilo nursery ko.

Ine kein im emmoj kadede aer eddok ilo nursery eo, aikuj in ekkat inaboj ilo atoke eo ilo ine eo emoj an walok 3 bolok ko reddik.

Jikin kallip eo aikuj in dedelok menkin;

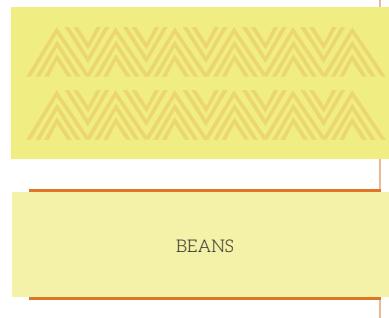
1. dedelok kabidodoiki atoke eo,
 2. dedelok kajededeiki bwidej eo ededeldok an iiok kin kon
 3. 4 inij mejil in ko neo ion bed eo
 4. 12 nan 18 inij ikotaan ine nan ine
 5. 18 nan 25 inij ikotaan row nan row
- Naj maron tuji Chinese cabbage ko bedbedbed wot ilo kain Ine in cabbage rot katke. Elikin 30 nan 60 raan bar najdik cabbage ko, ekka wot elkin katke ilo atoke eo. Karreoki atoke eo ej melelin komaiti kij ko jene im elap an aurok.



CUCUMBER:

Cucumber ekka an eddok ilo jikinn ko rejadin okmenmen im rej eddok ebelakin lalin. Jet iaer reaitok, jet rekaddu, jet rej eddok ion bwidej, jet ekka aer tallon ilo alal ak ilo woror.

Kain Ine in cucumber ko kein; Merry Swallow (en ejad aitok konwaan), southern cross hyrid (en ejad kadu konwaan im ekka aer eddok ion deka ak ilal.



EGGPLANTS:

Eggplant ej kobalok ippam beji-tebol ko rej kalle wot kin leeir (fruit) einwot tomato, potato, im bell bepper, long Purple, ko rej bar eddok ilo bwidej kein ad;

1. Ine ko aikuj in ijino ilo nursery ko mokta jen aer ekkat ilo atoke eo
2. Im bwe aikuj in 3 bolok jiddik mokta jen kadiwoj lok nan atoke eo
3. 18 nan 2 inij jen ine nan ine.
4. 24 nan 30 inij kotaan row nan row
5. Ine in bamle kein ilon remaron kajju jen kwe nan aitoke eo
6. Ak jen nursery eo nan atoke eo

ATOKE EO AIKUJ IN DEDELOK:

1. Kone atoke eo im kabidodoiki
2. Koman bed
3. Kone ion bed ko kin 4 inij utiej
4. 1.2 - 2.5 inij kotaan ine nan ine
5. 2 - 4 ne kotaan row nan row
6. Bok leen emaron ijino elikin 5 -6 wiik
7. Ak ne emokaj emaron 1 allon toon ma amone
8. Emaron kalle lokin bar jet allin maanlok
9. Kone atoke eo emaron ne ekkar ak elikin aer eddok
10. Najdik atoke eo elikin 5 - 6-week elikin ekkat
11. Kaujoje atoke eo enaaj bareinwor komakit kij ko
12. Emman lok ne atoke eo ej erreoj jen ien nan ien.





OKRA:

Ej make wot bidodo katoke. Im uwaan baamle e an elon kokadudu im aitok kabbok ko an, einwot im etan in Clemson spineless. Ine remaron ekkat kajju jen kwe nan atoke eo ak rebar maron ijino ilo nursery eo im ne rebojak komakiti nan atoke eo.

1. 2 nan 3 inji kotan Ine nan Ine
2. 1 - 1- ½ ne ikotan row nan row
3. Bok leen naj bedbed wot on kain bamle ta
4. Bok 50 - 60 ran elikin ekkat ilo atoke eo bok leen (denbijro)
5. Ne emman am wonake innem kwonaj moan jene ilowan juon iio
6. Kaujox ak kareo iki altoke eo ekomakit lok kij kajtoto ko
7. Kememej bwe karreo jen ien nan ien nan wamouruur atoke eo



TOMATO:

Tomato ej juon iaan beji-tebol ko komaron ukode ak komatte. Emaron in eddok ilo bwidej ak ilo ninne ko (pot). Kinke bwidej in ailuk ejaad in jeramol, jokjokk eo emman tata ej bwe ekkat beji-tebol en koman ilo nnine ko (pot). Elon ine ko rebojak ijoke, bakojsok wot ine ko rejadin emouruur nan katki ilo bwidej ko Majol. Eeinwot ine ko ilo Hawaii (U.H.N. 52 ak U.H.N 69.) Ine ko aikuj in nursery mokta jen aer ekkat ilo atoke eo. Elikin 3 bolok walok kadiwoj jen nursery eo nan atoke eo bwe ebojak in jino ekkat.

LOOR LAJRAK KEIN:

1. 2 - 4 ne kotaan ine nan ine
2. a8 - 12 ne kotan row nan row
3. Bok leen bedbed wot ilo baamle wot katoke
4. Maron jinooin bok leen 50 - 60 raan.
5. Ne emman am baanoke, 75 -110 raan kalle
6. Ne emman wonake, innem juon ne iio in am mona
7. Najdik emaron ilo ien katke ak elikin katke ilo atoke eo
8. Kaujooj ej kakolok kij ko im eaurok bwe atoke eo ej erreojen raan nan raan
9. Kajutak alal bwe en wor an kein jirok ilo ien an kalle im ren jab naj bwilok ra ko

KAROK ALAL KO NAN BOBRAE AN NAAJ BILOK RAAN TOMATO EO ILO IEN TALLON;

1. Kotan ine nan ine ej 14 - 20 inij
2. 24 nan 30 inij kotaan row nan row
3. Nan tomato ko emokaj aer kalle enaj bok wot 1 allon elikin katoke
4. Baamle ko jet koa renaj bok 30 - 60 raan nan walok leier
5. Najidiki emaron kar ilo tore eo katoke ak elikin wot katoke ilo atoke eo
6. Kaujooj enaj ubakelok kij ko ne karreo raan nan raan



BANKE IM GOURD:

1. Baanke im baamle ko jet mottan elap an emman aer eddok ilo bwidej kein ad me rejad in kabokbok enkab ne rej tobabal ilo worwor ko. Komaron koman am ine make ak komaron wia jen imon wia ko
2. Ine ko remaron kajju ekkat ilo atoke eo ijelokin likit ilo nursery eo
3. 2 - 4 ne ikotaan ine nan ine
4. 8 - 12 kotaan row nan row
5. Bok leen elikin 50 - 60 raan aitok ijelokin ko jet im ej bok 75- 110 ran.
6. Najidik emaron ilo jikin eo katke ak elikin
7. Komakit uoj ko im karreto enaaj ubake lok kij ko.



PUMPKIN

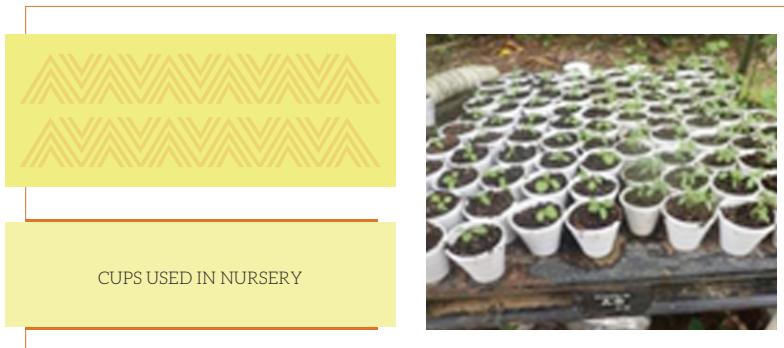
UKOKUKOT JIKIN AM KATKI BEJITEBOL KO ILO ATOKE EO:

Ukokotkot jikin am ekkat beji-tebol ilo atoke eo ej juon wewein eo eto kojerbal an ri-kallip ro im ej make wot im ritto im wor tokjen nan kilten kallip kein im elap air aurok.

1. Control e nematodes ko ilo bejitebol ko
2. Kadiklok kij ko ilo bwidej, fungi im bacteria
3. Emman eo an ukokotkot ekkat bejitebol kinke ekajjon mona ko kijier jen doon ilo bwidej
4. Okar ko eoktak jikin aer mona jen doon
5. Karreo:
6. Elane enaj erreo juon jikin kallep, innem enaj bobrae an uoj ko errok im komman kij.
Ilo ad karreo im jolok kij ko ilo leen ko rejoraan im kikkij, elap an aurok.
7. Ukokotkot ekkat ilowan jikin kallip eo ekkakijeik bwidej eo im bwidej eo ejamin jako lok.
Nan waan jonak; jet beji-tebol einwot markinjojo im bean rej jimor najidik bwidej eo.
Kabojrak ekkat juon wot kain beji-tebol ilo atoke eo. Nan waanjonak, jab ekkat tomato im elikin eggplant kinke rej juon wot baamle. Waanjonak eo ekontata nan ukokit bejitebol ko ej ekkat Bell Pepper im elikin katok bean im elikin tok katok cabbage im bar bean (legumes)

BOBRAE KIJ KO:

Juon waween non bobrae an kij ko ajeded, ej komakit jen menin errok ko ak jen bwidej eo. Ewor uno ko make kommani im rejjab baijin jen oil im soap (2 tabeljipoon in oil in kommat (einwot oil in waini) im 2 tablejipoon shampoo an ajiri ak soap in kwalkwol kenno). JAB BWITTICK ILO AN RET. Kojerbal uno kein ilo an wor juon eo etijemlok im ewor an jela waween kojerbali. Non jikin kallep ko im reddik rejab aikuj kojerbal uno kein.



JIKIN KAJIRIRI INE

Ine ko rewemourur im menin eddok ko emman aer mour im ekkat ilo jikin kajiriri ine ko, renaaj kanuj emman im kowa. Ine ko rej aikuj ekkat ilo bok in ekkat ko im kojerbal potting soil. Kajion utrikrik aolep raan bwe en emman aer errok.

Elkin jonoul raan im emoj an errok ine ko im wor jillu bolokier, innem door ilo cup ko. Renaaj bed ilo cup iloan ruo week mokta jen kattoki ilo bwidej
Mokta jen kattoki inaboj rej aikuj bok kajoor jen al im jab utrikri iumin ruo non jillu raan.



Juon kain mennin mour ej kakkure tomatoe

Kitantan in tomato, komakiti leen ko rekitantan im tili
Bwe waween in enaj komman bwe en ejelok kitantan



Juon kain mennin mour ej kakkure mona in eddok ko

Ebool kenikan im beji-tebol ekka an mona ie,
einwot pepper, tomato and eggplant. Ej bar mona
ib-ben binana, bob im ni. Kilen kakwe ak mane;
kojerbal iok in,
1. 2-tablespoon oil in komat
2. 2-tablespoon baby shampoo ak joob in kalkol



Juon kain mennin mour ej kakkure mona in eddok ko

Bwe en jab bed ilo atoke eo, debij wot erreo eo an atoke
eo. Kojerbal spray ak kittik komman jen 2 – tapple spoon
baby shampoo ak soap in kalkol kenno



Juon kain mennin mour ej kakkure mona in eddok ko

Ekka an tarinae ibben eggplant, brans, im ebar lon
kenikan ko jet
Kilen mane ak kakowe

- Atake eo en erreo aolep ien
- Ak komakit bolok eo ewor ie im tile
- Komaron in kojerbal 2 table spoon oil in komat
- 2 tablespoon in baby shampoo ak joob in kalkol kenno



Juon kain mennin mour ej kakkure mona in eddok ko

Jet beji-tebol einwot eggplant im kenikan ko jet ekka aer mweur jen kij jab in. Ijoke komaron in kwal-lok ak biraje jen kenikan kein.



Kilen Komadmode

- Kwal-lok kin den aj biraje kon biraj ko rekkar
- Buttiki lok kin iior in, 4 table spoon nan juon kolan in den, ebwe an naj jiban
- Stink Bug
- Stink: Ekka an mona ilo tomato, okra, bean, corn on beji-tebol ko jet
- Rakij im kokmanman atoke elap an wor tokjen
- Kojerbal peid im aini enaj kadiklok kij in
- Remarom in makoko in eddok



Juon kain kij ej kakkure mona in eddok ko

Ilo an jikin kallip eo erreuo enaj lap an jiban bobrae kij in



Kij In Cucumber Im Melon Ko Jet

Nan bobrae kij kein aikuj in erreuo atoke eo.



