

# Spreim diwai kakao: Tenpela samting yu mas wokim



**1. Pasim longpela bilong diwai kakao**  
**Longpela diwai kakao i mekim hatwok long:**

- **sekim**
- **spreim**
- **hukim**

Prunim diwai kakao olgeta tripela oa fopela mun, yu ken katim longpela diwai i kam daun (long 3 – 4 metres) long mekim isi long spreim, tasol bai diwai kakao i no inap karim gut longpela taim liklik!



courtesy J.Cooper, NRI

**2. Save gut long wanem samting yu laik spreim**

Yu laik daunim wanem samting tru? ... wanem marasin na bai yu putim olsem wanem?

Eksampel:



Sekim gut i no **bihaintaim** bilong spreim. Em i gutpela tumas long rausim na planim, o brukim olgeta, ol pod na han bilong diwai i gat binatang o sik long en.

**3. Wanem marasin bai yu spreim?**



Baim na usim stret marasin:  
 Tingim seifti pastaim ...  
 ... na bai marasin i wok gut? ...

Ridim gut mak - marasin em i nambawan produk long hevi bilong diwai kakao bilong yu?

Yu noken wok wantaim marasin nogut sapos yu nogat ol samting bilong kamarapim yu, olsem raba bilong pes, glas, karamap bilong han\*, siot, trausis na su (or su gumi).

\*TOKSAVE: sapos karamap bilong han (glove) i gat hol long em, long seifti i moa beta na yu no putim dispela karamap bilong han.

Hamas dei i mas go pas long taim yu spreim inap yu ken hukim pod oa kamautim prut oa sayor? (Nem bilong dispela taim long tok Englis em "pre-harvest interval" - PHI).



Dispela toksave i minim **produk i nogut** (olsem i ken bagarapim man)



Dispela tok-save i minim **Lukaut.**

**4. Karamap bilong spreim**

- ✓ **Putim hat** long pasim ol hap spreim i pundaun long het
- ✓ Pasim klos i karamapim gut bodi, han na lek.
- ✗ ... tasol i no gat wanpela taim long pasim klos marasin i stap pinis long em
- ✓ Banis bilong karamapim pes i bikpela samting sapos pestisait i ken mekim skin i sigirap; yu ken wokim long 2 litre soft dring plastic na pasim wantaim string.
- ✓ Lek bilong trausis i mas stap **arasait** long raba but
- ✓  Sapos yu wok wantaim mistblower, yu mas putim banis bilong yau.





**Pikinini i no ken stap taim yu spreim:** pestisait i ken bagarapim ol tru

**5. Spreia bilong yu i wok gut?**

- ❑ Kisim strongpela spreia ... bai yu inap baim ol part bilong em?
- ❑ Olgeta taim yu laik spreim, sekim spreia pastaim wantaim klin wara:
  - Sampela samting i bruk o i pas? Sekim pam, valve, filta na ai.
  - Wara i save lus long sampela hap? Sapos ol parts i no stap, pasim wantaim waitpela tret tep o hap gumi. Senisim mambu gumi i olupela o i bruk.

**6a. Olsem wanem bai yu spreim?**


Spreim i mas pundaun long wanem hap tru?

- pod na stik bilong diwai
- kru
- olgeta hap bilong diwai

Kisim ai i inap sret long kain spreim yu laik wokim. Sapos yu ken senisim sais bilong ai bilong spreia, bai yu putim long wanem sais tru?

Ai bilong spreim we yu ken senisim i ken hat long makim gut – i mobeta long kisim wanpela ai i gutpela long wok spreim yu laik wokim. Yu ken kisim sampela toksave moa long dispela long ...

... plis tanim pes ...



# Spreim diwai kakao(2)

## 6b. Save gut long ol kain ai bilong spreim:

### sprei:

Sutim strong wara ken tromoi nating planti marasin.



Kain ai bilong spreim i save mekim marasin i go brait i gutpela long spreim olgeta hap bilong diwai, tasol bai i tromoi nating marasin sapos yu laik spreim pod na han tasol



Long spreim liklik hap olsem pod na han, yu mas putim ai bilong spreim i save sutim marasin i go long liklik hap tasol.



... na tingim:

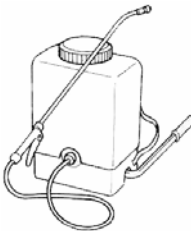
- Sapos marasin i ron hariap, bai
- Hap wara wantaim marasin i go bikpela
- Moa wara wantaim marasin i pundaun nating long graun
- **Moa moni i lus nating!**

## 7. Bai i bekim long gutpela wok olsem makim gut ron bilong marasin

Makim gut hamas wara na marasin bilong abusim. Askim olsem:

- tang bilong spreia inap long hamas wara?
- bai yu inap spreim hamas diwai long wanpela tang?
- bai yu nidim hamas tang long spreim olgeta diwai long blok?

- Abusim pestisait inap long dispela wanpela dei tasol



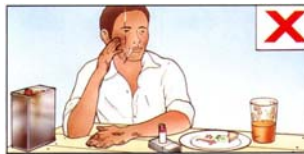
## 8. Gutpela wei bilong spreim

- Wokabaut gut insait long blok: no ken lusim sampela diwai . . .
- . . . o spreim sampela tupela taim!
- Sprei i pundaun gut long olgeta diwai (o han o pod)?
- Sampela spreim i pundaun lus long sampela pod o lip?
- ... sapos olsem, yu mas bin **spreim bikpela spreim tumas**



## 9. Konteina na gutpela pasin bilong tromoi pipia

- ✓ Sapos yu bin baim marasin long liklik paket, lukaut gut taim yu tromoi
- ✓ Sapos yu mas usim gen plastic bilong marasin, wasim tripela taim bipo yu tromoi, na putim wara bilong wasim long tang
- ✗ I tambu tru long klinim ai bilong spreim, or kirapim pam, wantaim maus bilong yu
- ✗ I tambu tru long kaikai, dring, o simuk taim yu spreim
- ✓ Taim yu pinis long spreim: klinim spreia pastaim na bihaim wasim yu na klos bilong yu gut



## 10. Bai yu stretim wok bilong yu nekstaim?

- Hamas tang yu bin spreim i olsem hamas yu bin wetim?
- Em i hatwok long spreim ol pod na han i stap antap long diwai? Sapos olsem, prunum ol diwai kakao bilong yu nau.
- Wok bilong spreim i bin ron gut? ... sekim yet kakao bilong yu...
- Sapos nogat, senisim pestisait, taim bilong spreim, o wei bilong spreim bilong yu.



Long sampela toksave moa, sekim: <http://www.dropdata.org>

v. 23/8/2007  
Long givim feedback long dispela toksave, toktok long: r.bateman@imperial.ac.uk  
Translated by Martin Powell, Senior Scientific Editor. PNG Cocoa Coconut Institute Ltd.

