

CHUKU

Kuipa Kwa Chuku

- ◆ Kuchuluka kwa chuku mthupi kungabweretse matenda mwazizizi komaso imfa.
- ◆ Matenda yosapola monga matenda ya cancer mchiwindi (Liver cancer).
- ◆ Kuchepesa mphavu mthupi yakulimbana ndi matenda.
- ◆ Kusakula msanga maka-maka ku ana ochepekera pa zaka zitatu.
- ◆ Kukolola zochepa komaso kusowa musika wakumaiko ena.

Zamwe zingabweretse Chuku

- ◆ Chilala kapena kuchurukitsa kwa mvula.
- ◆ Kusungu mbeu mosasatila ndondomeko.
- ◆ Kusasamala mbeu pokolola ndi poyanika.
- ◆ Kuwonongeka kwa mbeu ndi tudoyo.



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UBWINDO WA NSHABA

- ◆ Mtima wathanzi
- ◆ thupi lathanzi
- ◆ Mphanvu zochuluki-lapo
- ◆ Zakudya zadwino zopeleka umuyo wabwino ku ana ndi azimai
- ◆ umoyo wautali



| Variety Name | Seed Rate/Ha | Days to Maturity | Year of Release | Yield (ton/ha) |
|--------------|--------------|------------------|-----------------|----------------|
| Chalimbana | 80kg | 140-160 | 1964 | 0.8-1.5 |
| MGV 4 | 80kg | 120-140 | 1991 | 1.5-2.5 |
| Champion | 80kg | 150-160 | 1998 | 2.5-3.0 |
| Luena | 50-60kg | 90-100 | 1998 | 1.0-2.0 |
| Chishango | 80kg | 120-130 | 2003 | 2.0-2.5 |
| Katete | 50-60kg | 90-100 | 2005 | 1.0-1.5 |
| MGV 5 | 80kg | 120-130 | 2008 | 2.5-3.0 |
| MGV 6 | 80kg | 120-130 | 2015 | 2.5-3.0 |
| MGV 7 | 80kg | 120-130 | 2015 | 2.5-3.0 |
| Wazitatu | 60kg | 100-110 | 2015 | 1.5-2.0 |
| Mwamusanga | 50-60kg | 85-95 | 2015 | 1.5-1.8 |
| Lupande | 50-60kg | 90-100 | 2015 | 1.5-1.8 |

NDONDOMEKO ZAKALIMIDWE KA NSHABA

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Aka kabuku kanakonzedwa mogwilizana ndi:



Zoyenera kusata muulimi wa nshaba

- ◆ Konzani munda mwamsanga kuti mubyale mbeu ndi mvula yoyamba.



- ◆ Ngati ndikotheka thilani fertilizer wapansi pamlingo wa 150kg/ha mukalibe kubyala mbeu.
- ◆ Byalani mbeu zabwino.
- ◆ Mtakolola tetedzani mbeu zanu ndi thirum kumate da ya chuku ndi yena yache

- ◆ Byalani mbeu zanu pa mulingo uyu:
Mzela pa mzela 60cm
(Rip Lines 45cm)
Mbeu pa mbeu
7.5–10cm mu zosatambalala

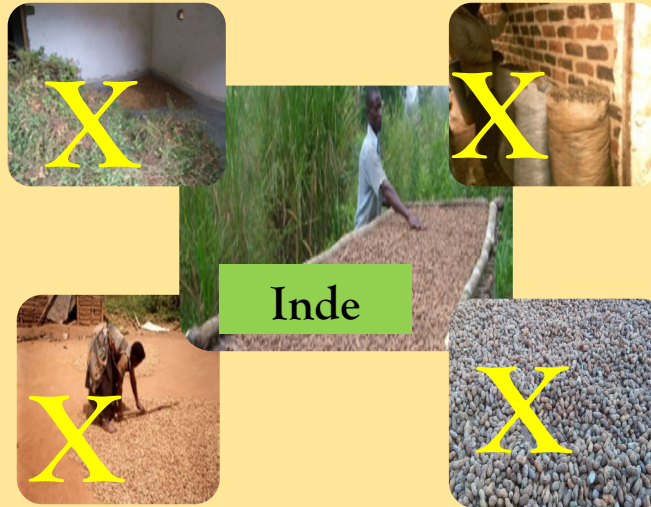


- ◆ Mu zotambalala, mbeu pa mbeu 10–15cm
- ◆ Byalani mbeu zanu 5–7 cm pansi (depth)
- ◆ Samalani mbeu zanu kumatenda ndi tudoyo monga kanona
- ◆ Palilani munda mwanu mwamsanga mutawona maudzu.
- ◆ Ngati mbeu zanu zayamba maluwa zulani udzu ndi manja
- ◆ Pomwe mbeu zanu zakhala ndi maluwa ikani laimu pamulingo wa 100kg/ha.



Kukolola, kusamala ndi kasungidwe ka mbeu

- ◆ Kololani pomwe makoko a mbeu zanu ambiri akhwima ($\geq 70\%$)
- ◆ Makoko akada mkati ndiye kuti nshaba zakhwima.
- ◆ Mtaona kuti matepo ambiri (95%) yayoyoka kapena mbeu zina zayamba kumela fulumilani kukolola.
- ◆ Mtakumba nshaba msazisunge kumunda kupitilira masabata awiri
- ◆ Umikani nshaba kusebezensa njira ya mandela cock
- ◆ Sungani nshaba mumakoko
- ◆ Musasunge nshaba zanu mukhokwe zisanafikepo kuuma
- ◆ Musasungile nshaba muma plastics.
- ◆ Musathile madzi potongola nshaba, ngati nikotheke sebezani kamakina kotongolera nshaba
- ◆ Mtatongola nshaba chonde chosani zofota, zopanduka, zowola ndi zina zowonongeka



Mabvuto Yakulu mu ulimi wa nshaba



Matenda yama tepo



Chuku



Mambombo



Tudoyo



Chilala



Nguwe

Njira yotetezera matenda

| Matenda yama Tepo (Early Leaf Spot) | Mambombo (Rosette) |
|--|--|
| Kasintha-sintha wa mbeu | Kuthila mankwala ya tudoyo (insecticides) |
| Kubyala mofulumila | Kubyala mofulumila |
| Kuthila makwala (fungicides) | Kubyala pa mpata oyenera wa nshaba (Spacing) |
| Kubyala mbeu zosangwilidwa idi matenda ya ELS monga Wazitatu | Kubyala mbeu zosangwilidwa ndi matenda a mambombo monga MG 7 ndi Chishango |
| | Chotsani zamene zili na mambombo no taya kutali na munda |