

## Contents – Volume 2

<b>Lia Maklokek – Prakata – Foreword</b>	5
<b>Agrikultura i Siénsa</b>	8
1. Prevalensia infestasaun <i>Trichuris Suis</i> ba fahi iha suku Lahane Oriental, posto administrativu nain feto, Munisipiu Dili <i>Paulina Martins da Cruz, Acacio Cardoso Amaral, Lindalva Maria Jeronimo Vian &amp; Acacio Cardoso Amaral</i>	9
2. Posesamentu tortila batar Ikis e teste sabor <i>Ermelinda Maria Lopes Hornai, Octaviana Ferreira Agostinho, Maria Fernandes, Libanio Paulo da Costa de Jesus, Fransisca Lopes Hornai, Cristina da C. Mendonca, Izabel Nazario Lobu, Alice Gomes &amp; Manuel Monteiro</i>	16
3. Identifikasaun pursentu hare musan mak lakon iha Munisipiu Ualu <i>Ermelinda Maria Lopes Hornai, Octaviana Ferreira Agostinho, Maria Fernandes, Maria Martins, Libanio Paulo da Cruz de Jesus, Salvador de Jesus, Valerio Ximenes, Abril Fatima Lemos Soares, Antonio dos Santos, Lucio Henrique, Manuel Mali Mau, Watu ano, Augusto Rangel</i>	20
4. Teste afalatoxin batar musan maran <i>Ermelinda Maria Lopes Hornai, Libanio Paulo da Costa de Jesus, Antonio dos Santos, Rosilia Lopes</i>	24
5. Prosesamentu kualidade hare ho grupu agrikultór <i>Ermelinda Maria Lopes Hornai, Antonio dos Santos, Abril Fatima Lemos Soares, Octaviana Ferreira Agostinho, Maria Fernandes, Libanio Paulo da Costa de Jesus, Lucio Henrique, Manuel Mali Mau Watu Ano &amp; Augusto Rangel</i>	30
6. Nivel adopsaun agrikultór ba teknolojía agríkóla integradu kultivasaun hare natar <i>Ermelinda Maria Lopes Hornai, Abril Fatima Lemos Soares, Octaviana Ferreira Agostinho &amp; Maria Fernandes</i>	35
7. Teste adaptasaun koto nani Iha Timor Leste <i>Armindo Moises, Luis Pereira, Antonio do Rego, Abril de Fátima, Amandio da Costa Ximenes, Tobias Moniz Vicente, Luis Fernandes, Apolinario Ximenes &amp; Maria Martins</i>	41
8. Fini Íbridu aseitavel iha toos nain Timor-Leste nia let? <i>Claudino Ninas Nabais and Robert L. Williams</i>	52
9. Teste adaptasaun hare hibrida iha Timor Leste <i>Izaulino Ninash Nabaish, Horasio do Rego, Zhu doang'an, Ermelinda Maria Lopes Hornai</i>	59
10. Sistema halo to'os uza modelu liña no espésies leguminosa (foremungu no forekeli) ba produsaun hare rai maran Lokál Fatumasin ( <i>Oriza sativa</i> , L) <i>Inácio Savio Pereira &amp; Domingos do C. Pinto</i>	62
11. Efeito adaptasaun hare variedade lokál mean ba klima no ambiente <i>Tobias Moniz Vicente, Robert Williams, Myrtille Lacoste</i>	73
12. Produsaun bee moos husi bee fo'er uza métodu filtrasaun <i>Felipe Xavier &amp; Berta Tilman</i>	81

13. Testu adaptivu aihoris trigu no barley iha Timor-Leste periodu 2013-2016 <i>Apolinario Ximenes, Luis Pereira, Brian Monaghan &amp; Robert Williams</i>	91
<b>Pertanian dan Sains</b>	102
14. Pengaruh jarak tanam dan biomas kacang-kacangan terhadap pertumbuhan dan hasil tanaman jagung <i>Augusto Gouveia Lopes &amp; Claudino Ninas Nabais</i>	103
<b>Agriculture and Science</b>	107
15. How can farmers in Timor-Leste improve returns from their farming activities? <i>Luis de Almeida, Robert Williams, William Erskine &amp; Modesto Lopes</i>	108
16. Prevalence of toxocara vitulorum in Bali cattle calves in central region of Timor-Leste <i>Acacio Cardoso Amaral</i>	118
17. Vaccination of livestock in western region of Timor-Leste: How successful is it? <i>Acacio Cardoso Amaral &amp; Lindalva M.J. Viana</i>	123
18. Multiple-household fuel use in Timor-Leste; a balanced choice between firewood, and waste-oil cookstoves <i>Domingos de Sousa Freitas, Junior Raimundo da Cruz &amp; Chris Mares</i>	127
19. Design a pelton turbine with head 4m for remote area in Timor-Leste <i>Domingos de Sousa Freitas, Junior Raimundo da Cruz &amp; Chris Mares</i>	134
20. Selection of drought resistance grain legumes for growing after rice <i>Marçal Gusmão</i>	143
21. Conserving mangroves, strengthening coastal communities' livelihoods and building shoreline resilience to climate change in Timor-Leste <i>Sinkinesh Beyene Jimma, S Beyene, K.S. Edyvane, C. Providas, I. Cancio &amp; G. da Costa</i>	152
22. Impact of good agricultural practice on maize productivity in Timor-Leste <i>Claudino Ninas Nabais, Januario Marçal, Guilherme Quintão &amp; Benjamin Guterres</i>	163
23. Targeting agricultural interventions by using livelihood zones <i>Robert I. Williams, Samuel Bacon &amp; Luis de Almeida</i>	180
24. Mapping of N-total and organic matter using Landsat data in Lautém District, Timor-Leste <i>Romaldo Da Costa Ximenes, Takahiro Osawa &amp; I Wayan Nuar</i>	190