

**CONTENT**

|   | <b>Page</b> |
|---|-------------|
| ● Optimization of auxin and cytokinin on enhanced quality and weight of <i>Coffea liberica</i> somatic embryos. <b>Fitria Ardiyani, Edy Setiti Wida Utami, and Hery Purnobasuki</b> .....   | 1-12        |
| ● Starch catabolism revealed during secondary metabolite released on vascular streak dieback infected cocoa ( <i>Theobroma cacao</i> , L.). <b>Teguh Iman Santoso, M. Miftahudin, Yohana C. Sulistyaningsih, Suryo Wiyono, and Fakhrusy Zakariyya</b> ..... | 13-21       |
| ● Nitrogen uptake of cocoa seedlings as a response to cocoa pod husk derived liquid organic fertilizer application in combination with urea. <b>Erwin Prastowo, Irawan Dwiyanto, Moch Arifin, and Setyo Budi Santoso</b> .....                              | 22-31       |
| ● Carbon storage in cocoa growing systems across different agroecological zones in Ghana. <b>John Tennyson Afele, Evans Dawoe, Akwasi Adutwum Abunyewa, Victor Afari-Sefa, and Richard Asare</b> .....  | 32-49       |
| ● A comparative study of carbon storage in two shade-types of cocoa and a teak plantation in the moist semi-deciduous forest zone of Ghana. <b>Eunice Nimo, Evans Dawoe, and John Tennyson Afele</b> .....  | 50-61       |
| ● Characteristics of pectin extracted from cocoa pod husks. <b>Nanti Musita</b> .....   | 62-75       |
| ● Small-scale fermentation of cocoa beans and on-process monitoring. <b>Ariza Budi Tunjung Sari, Hendy Firmanto, and Teguh Wahyudi</b> .....  | 76-84       |

