

**DEVELOPING AN AGRICULTURE INFORMATION  
SYSTEM (AIS) TO UVA AGRICULTURE: DETERMINING  
THE INFORMATION NEEDS OF DIFFERENT  
STAKEHOLDERS**

A dissertation submitted to the  
Faculty of Animal Science and Export Agriculture  
Uva Wellassa University  
In partial fulfillment of the requirements for the award of  
Bachelor of Science Export Agriculture

by

**NERANJALA NIROSHA SAMARAWICKRAMA**

**Export Agriculture Degree Program  
Faculty of Animal Science and Export Agriculture  
Uva Wellassa University of Sri Lanka**

**2021**

## **ABSTRACT**

Agricultural information plays a vital role in the agriculture sector. All stakeholders required right information at right time in the right format to make correct decisions in their activities. The study facilitated the identification of required information needs and the involvement of sources and channels for farmers and officers. To do that the study employed a survey for data collection. In the study, findings revealed that farmers need information throughout the farming life cycle and officers need the information planning and management activities. Further, the study collected data analyzed through descriptive statistics and regression analysis. The results indicated that farmers need more information about related crop production. For that, they used multiple sources and channels. Among them, self-knowledge ranked as the most used information source. Also, interpersonal channels are considered the most used information channels. As officers' results indicated that production and farmers-related information are important for them to do their activities. To acquire the information, they mostly used interpersonal and scientific meetings. The study results emphasized that all stakeholders need information according to their own condition rather than in a general manner. As a solution for that the study recommends ICT mediated AIS that can connect all stakeholders and provide information according to their own context-specific manner.