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Poster Session | Farming System | P2: Poster Session

## [P2] Farming System

Thu. Sep 9, 2021 12:15 PM - 2:00 PM Room 2 (Poster) (Farming System)

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12:15 PM - 1:00 PM

### [P2-05]An Evaluation on *Glycine tabacina* for Being a Cover Crop

\*Nominated for Presentation Awards

○Kuan-Huang Lin, Yuan-Ching Tsai (Department of Agronomy, National Chiayi University, Taiwan)

*Glycine tabacina* is a perennial wild specie of genus *Glycine*. It can be found in seashore, cemetery and lawn of school in Penghu, Kinmen and Taiwan. As the government encouraged the ecofriendly farming, cover crops are used to improve soil health and reduce using of herbicide in management schemes that make it possible. *Glycine tabacina* which is perennial, creeper and has stronger recover ability was noticed. The salt, drought and heat tolerance are also expected. In addition, *G. tabacina* has the symbiosis rhizobium for nitrogen fixation which is unique for Fabaceae and can present a physical barrier to reduce weed emergence. So it may worth to promote *G. tabacina* as a cover crop for seashore and barren orchard in Taiwan.