Cambodia ALiSEA Network
Online Thematic Session to Share Experience on Challenges of Flood plains ‘irrigated perimeter

Challenges in application of Conservation Agriculture in Steung Chinit irrigation Scheme

“A case of Mr. Oum Im, Farmer of Khvaek Village, Kampong Thmar Commune”

By Sophoan MIN, AVSF Cambodia
17 March 2022
Brief information on S. Chinit scheme

- Finished rehabilitation: 2008
- 1 Reservoir, 1 primary canal, 5 secondary canal, 58 bloc
- Target village irrigated: 25 villages (3 communes)
- Surfaces irrigated: 2,802 ha
- # of rice field: 9,005
- Farmers with own land in the irrigation scheme: 2,878 households
2008: Tried to apply rice in dry season since not success

2012: Farmers from Prey Veng province introduced advance technique on dry season rice production in the irrigation scheme success

From 2012: available of inputs needed and technical advice in the irrigation scheme

2017: Farmers in the irrigation scheme apply dry season rice production from 2 to 3 cycle per year...

2012-2018: Pilot of CA in the irrigation scheme
- Applied CA introduced by CIRAD for 2 years

- Satisfaction with soil fertility improvement (yield of his rice field is the same as farmers applying fertilizer of 100 Kg/ha at that time)

- Drop off CA application when farmers having rice field nearby start to do 2-3 cycle of rice production per year.

A case of Mr. Oum Im, farmer of Khvaek village
The rice field are full of water nearly full year round

Difficulty to find advance farmers volunteer to apply CA in the irrigation scheme

Material/equipment for CA are available only with support from project.

Farmers are proud and compete each others in applying full “green revolution” → Difficult to come back to CA…
Thank you!