

Need based enhancement in pointed guard and creeper crop

KVK Name: Munger

Name: Shri Falguni Mandal, Village: Sonvarsha

Age: 50

Gender: Male

Education: Intermediate

Farming experience: 20

Mob.: 7759897402

District: Munger, State: Bihar



Brief about innovation:

In Bihar's Diara region, where wet, sandy-muddy soils make parwal pit-digging arduous and traditional tools fail, farmer Shri Falguni Mandal innovated a simple semicircular steel khanti mounted on a 5–6 ft bamboo handle enabling efficient pit creation for parwal planting, dramatically saving labor and time across more than 850 hectares and benefiting over 10,500 farmers with support from KVK Munger.

Specification/utility:

In wet, sandy-mud soils make pit-digging for parwal(pointed guard) laborious and costly and mechanized tools like tractor rotavators fail farmer Shri Falguni Mandal invented a simple, hand-operated semicircular mild-steel khanti with a 5–6 ft bamboo handle that effortlessly slices through saturated ground to dig planting pits, saving significant labor and time

Photographs:

