

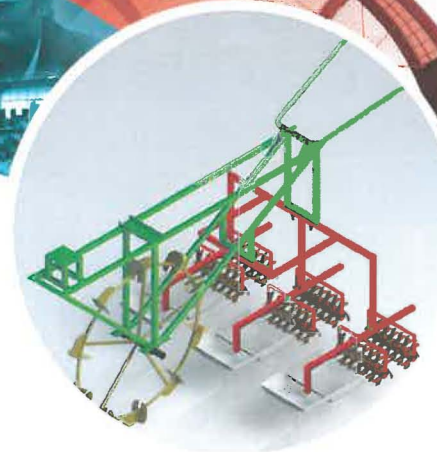
INVENTOR

MUHAMMAD KHAIRY MD NAIM
 MOHD. SYEH IMRAN MOHD DAWI
 AHMAD NABIL MOHD KHALIL
 DR MUHAMMAD SAIFULDIK ABDUL MAHAN
 MOHD. HAZRY MAT HAYAN
 MOHD. NAZRI ABDUL HAMID
 MUHAMAD FAIRUZ ABDUL KARIM

CONTACT DETAILS

School of Manufacturing Engineering
 Universiti Malaysia Perlis,
 Kampus Telok Uta Pauh,
 Jajee Arau-Changlun
 02008, Arau, Perlis
 Tel : 04-9885035
 Fax : 04-9885034

SRI WEEDER



PROBLEM STATEMENT

Current practice and tools.



This tool is handmade and the nails will scratch the top soil along with unwanted weed.

Other tools.



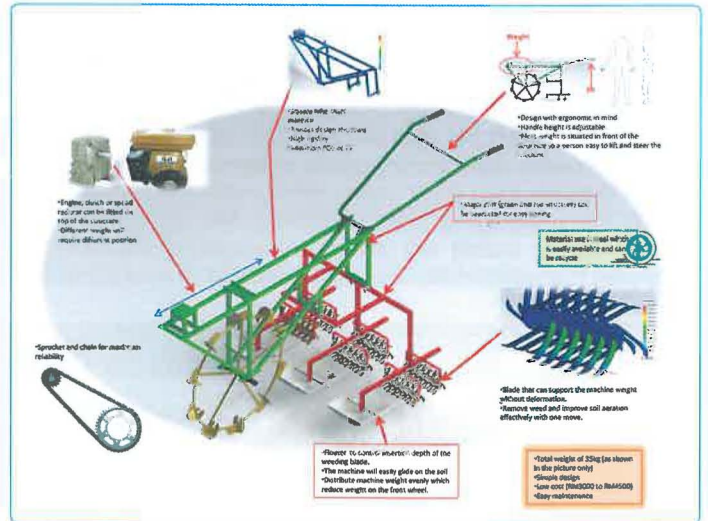
This tool is given by Japanese government to the SRI Lovely farmers years ago.



Weeding process done by farmers

SUMMARY OF INVENTION

An agriculture machine specifically designed for system of rice intensification (SRI) method.

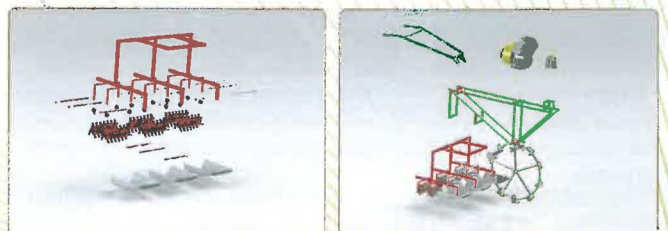


INVENTION ADVANTAGES

Element	Current	SRI Triple Row Weeder
Manpower	3 person / 0.28777 hectare	1 person / 0.28777 hectare
Time	1 hours / 0.28777 hectare	45 minute per 0.28777 hectare REDUCE 25%
Operation cost	3 manpower per day RM50 per day × 3 = RM150	1 manpower per hectare + RM10 petrol = RM60 per day SAVE 60%
Environment	Some part can be recycle (woods and steel)	All part can be recycle (plastic and steel)
Spare part	Imported/self made	Easily available in any hardware shop

NOVELTY

Novelty search (DONE)



Collaboration with

University Malaysia Perlis, Koperasi Agro Belantik Sik BHD, Lembaga Kemajuan Wilayah Kedah (KEDA)

