

**SRI Network**

**stakeholders**

- MRC:4
- MRVL (TIGER): 1
- DOA: 2
- RRAFA: 1
- RISE-AT: 2
- MCC:5
- ISAC: 3
- ศูนย์เทคโนโลยีข้าว: 1
- Mae Rim OA: 2

**Expectations**

- DOA
  - single rice planting → planting technique
  - high yield
  - low input → integrated management practice
  - reduce cost
- RRAFA
  - partnership between NE and N
  - standard form
  - field data recording → simple and fit with farmer
- Ajarn phrek
  - simple data recording
  - Deep and detail data recording
  - experiment of SRI this season
    - MCC
    - DOA
    - MRC
    - Rice Institution
    - student: Ph.D, Ms.c
    - MRVC
  - SRI experimentation
    - on-farm
    - on-station
- MRC
  - station apply to farmer practice of SRI
  - weed management
  - simple replication experimentation
  - SRI network: develop
- general
  - on station research
  - on-farm research
  - capacity building
    - training
    - study tour
    - farmer breeding
    - farmer-farmer (khun Suvit)

**introduction**

- MRC : background of SRI**
  - station
    - management practices → high production cost → broadcasting
    - farmers → transplanting, broadcasting
  - other country → madagascar
  - MRC MCC
  - soil improvement
- RRAFA** farmer practices
  - Yasothon : farmer leader
  - learning by doing
    - exchange information by farmer to farmer
    - class room : Ban Don Dang , Maha Sarakham (Kantara vichai)
    - Maha Sarakham, Roi Eid, Sri Saked, Ya Sothorn
- MCC** station
  - demonstration plot
    - water management → saturated, SRI, conventional
    - nutrient management → micro organism, organic fertilizers, green manure
    - pest management
    - rice varieties
  - thesis : MS.c student → rice varieties VS water, nutrient, pest management
  - farmers experimentation → water saving, farmers learning
- modelling**
  - single rice planting
  - 4 varieties: RD 6, Niew Ubon 2, RD 10, San Pathong
  - planting date: 5-6
  - planting method: convention, line planting.
  - maximum tillering: maximum input
- DOA**
  - result**
    - timing: short tiller, long tiller
    - method of planting: short tiller, long tiller
    - nutrient response
      - RD6 8-12 Kg N/rai
      - Niew Ubon 16 kgN/rai
      - RD10 10 kgN/rai
      - San Pa Tong 1 10 kgN/rai
    - tillering ability
      - short tiller (San Pa Tong 1, RD 10) → 200 plant/tiller/1 seeding
      - high tiller (RD6, Niew Ubon 2) → 120-130 plant/tiller/1 seeding
  - collecting data**
    - growth → 2 plants → no. plant, plant height, biomass
    - yield → 1 x 1m → yield, yield component → no. of panicle, no. of seed per panicle
- interaction: varieties x environmental x management
- information and transfer of technology