

Farmer's Calendar

Year: _____



Name Address Tel.



Agricultural Productivity Promotion Project (APPP/JICA)



How to use "Open" calendar

Farmer's Calendar
Year: _____

When, How & What you do to manage rice growing is a key for SUCCESS!!

Name Address Tel.

Project Title

Write your "Year"
If it is 2015,
Year:2015.

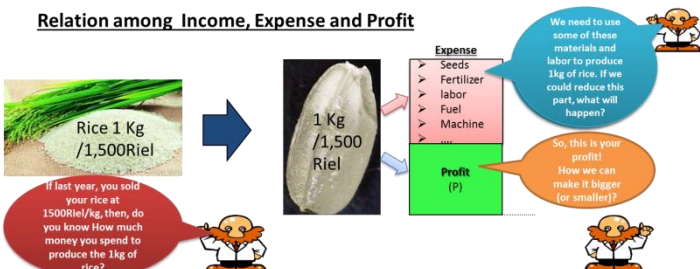
Write the "month"
to specify.

JANUARY

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
WEEK 1							
WEEK 2							
WEEK 3							
WEEK 4							
WEEK 5							

Write your
number for date.
If it is January,
dates of January.

Relation among Income, Expense and Profit



Farmer as a "Manager" what you can do?



First of all, what is this calendar for?

- **Purpose**: To increase your net income (**Profit**) by removing **wastings** that can be checked and noticed through the **records** of various **spendings** necessary to gain **income** for you and your family to lead a life and a better life.
- **Method**: To calculate and evaluate the difference between every/daily spending necessary to produce rice including materials, equipment, maintenance costs and so on, and the income gained by sale of rice. **The point is that if you can see, notice and apply a better way to manage on your daily farming activities for future years from the experiences happened in the past.**

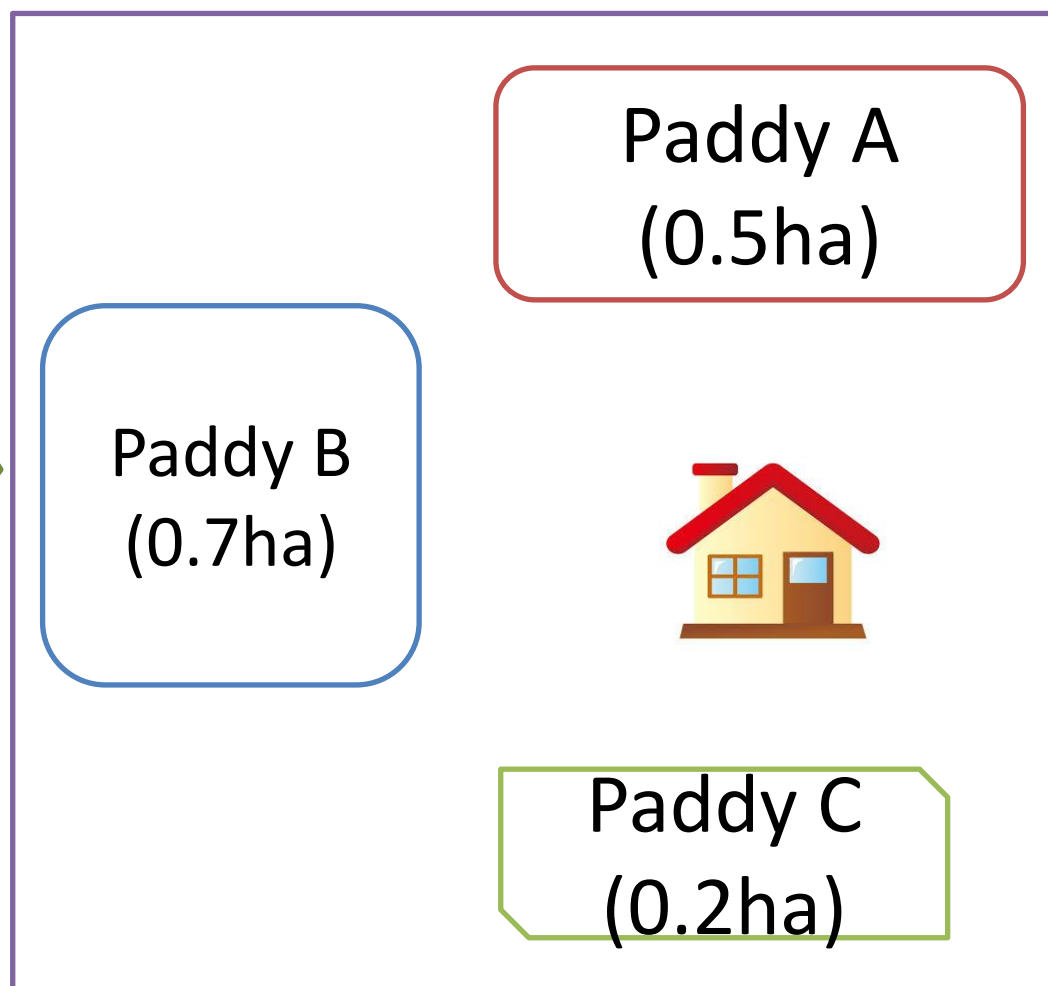
HOW TO RECORD (Example1)

- PADDY RECORD (Cultivation Plan)**

PADDY	Area (ha)	Dry season (1 st Crop)			Wet season (2 nd Crop)		
		Variety	Planting Method	Harvest (kg)	Variety	Planting Method	Harvest (kg)
Paddy A	0.5 ha	IR66	D.S.	2000	PRD	N-T	2500
Paddy B	0.7 ha	CLS	D.S.	2500	RC	M-B	2000
Paddy C	0.2 ha				PRD	M-B	1000
TOTAL	1.4 ha			4500 kg			5500 kg

Attention: D.S.:Drumseeder, N-T:Nursery-Transplanting, M-B:Manual Broadcasting

If you have 3 paddies away from each other, pls write them all in the table as shown. Then, think of your rice cultivation plan of the year 2014. The harvest yield is finally recorded after each harvesting.



• PADDY RECORD (Cultivation Plan)

PADDY	Area (ha)	Dry season (1 st Crop)			Wet season (2 nd Crop)		
		Variety	Planting Method	Harvest (kg)	Variety	Planting Method	Harvest (kg)
TOTAL							

If you have 3 paddies away from each other, pls write them all in the table above. Then, think of your rice cultivation plan of the year 2014. The harvest yield is finally recorded after each harvesting.

Paddy B
(0.7ha)

Paddy A
(0.5ha)



Paddy C
(0.2ha)

HOW TO RECORD (Example2)

- EVERYDAY RECORDS

MARCH 2014

2 Fertilizer (DAP) 2 bags, R200,000	3	4 Diesel 5L, R24,000
8 Repair Tractor R10,000	9 Labor (Paddy A Preparation) R40,000	10 Chemical (insect killer) R40,000

APRIL 2014

12 Water supplied to Paddy A & B	13	14
23	24 Rent tractor to do paddling & leveling (paddy A & B)	25 R 200,000 for Rent Tractor

MAY 2014

1 Transplanting to paddy A & B	2	3
8 Labor fee paid (paddy A & B) R400,000 10 persons x 5days	9	10 Gasoline 10L, R480,000 paid for pumping water

OCTOBER 2014

12 Harvesting with Paddy A & B	13	14
21 Sold paddy 4tons to Rice miller at R4Million	22	23 R400,000 Paid for machine harvesting

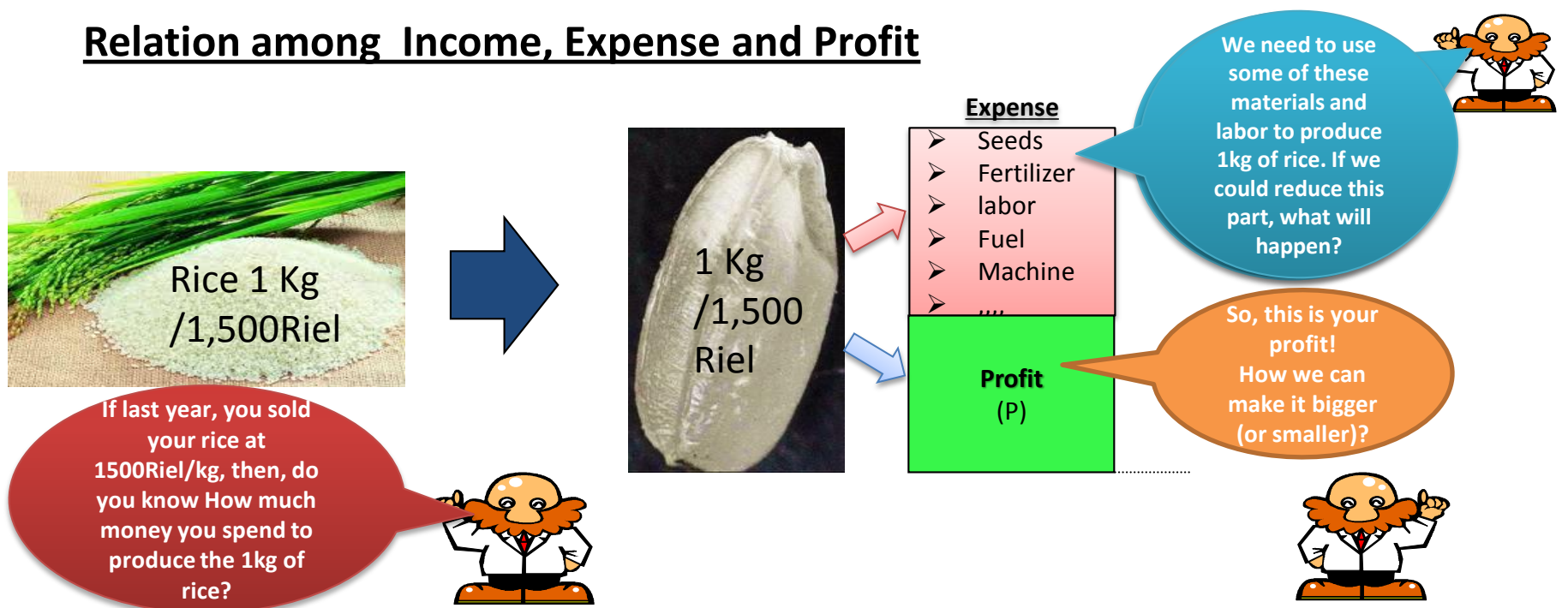
Pls. remember to record every time when you did, buy, pay something related to rice farming. Because we forget it easily!



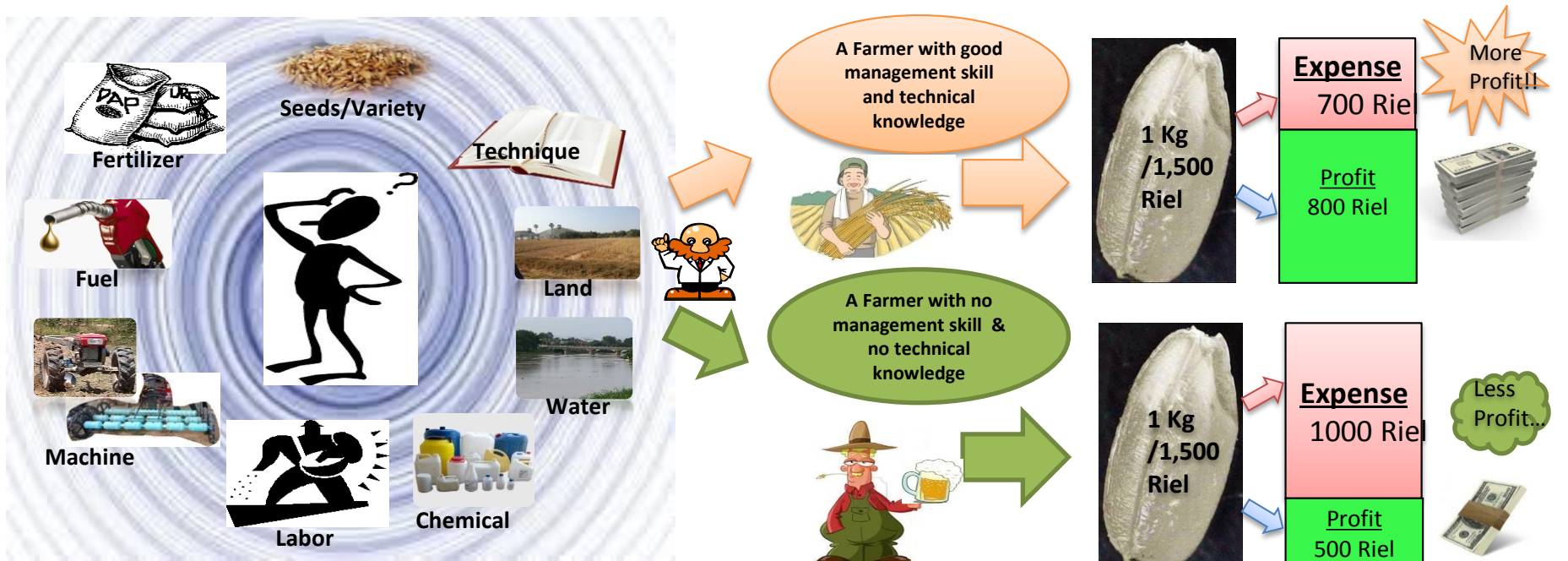
Month of

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Relation among Income, Expense and Profit



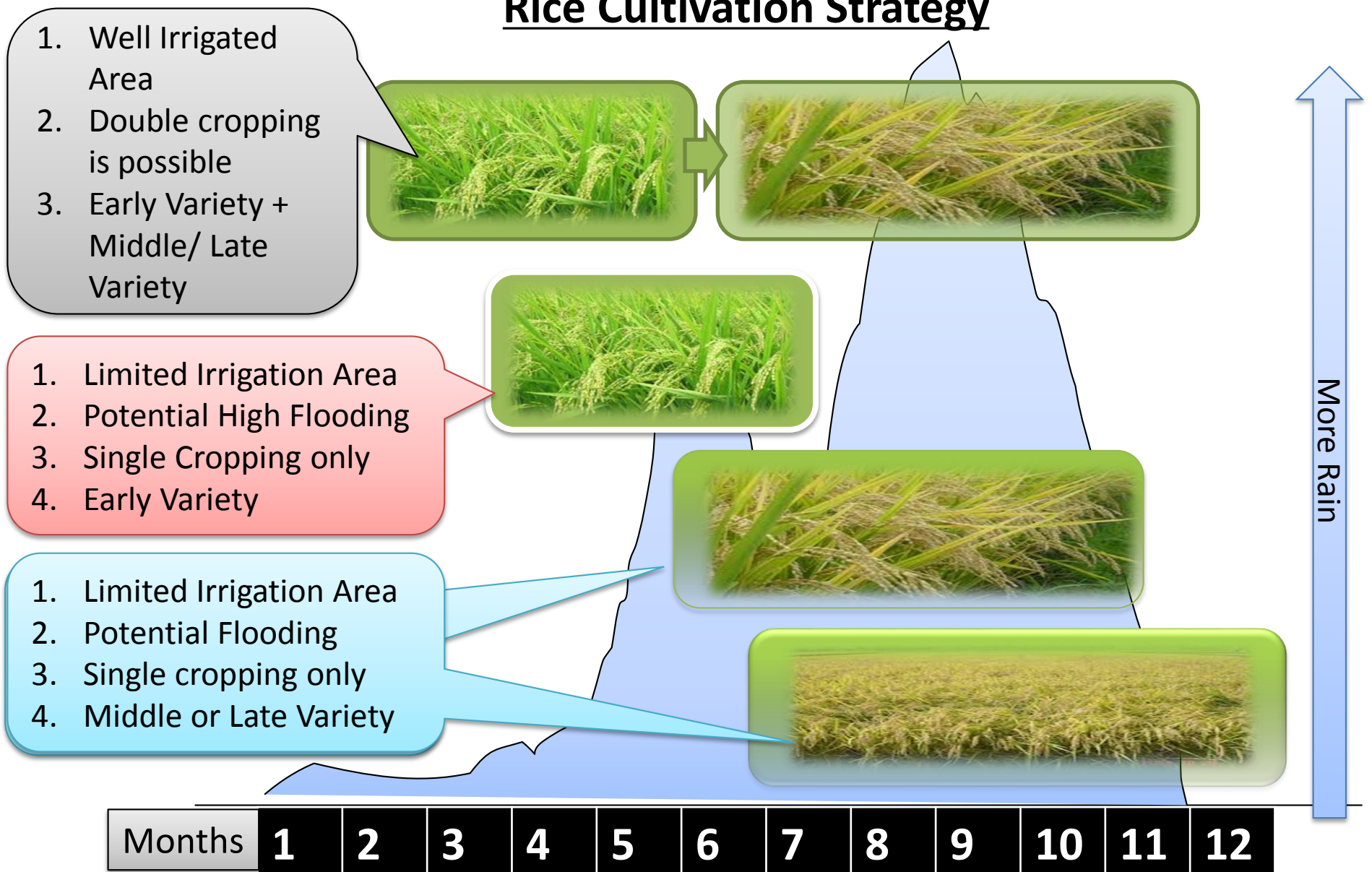
Farmer as a "Manager" what you can do?



Month of

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Rice Cultivation Strategy



Think of a strategy for rice growing based on rainfall pattern & irrigation levels in your areas !!

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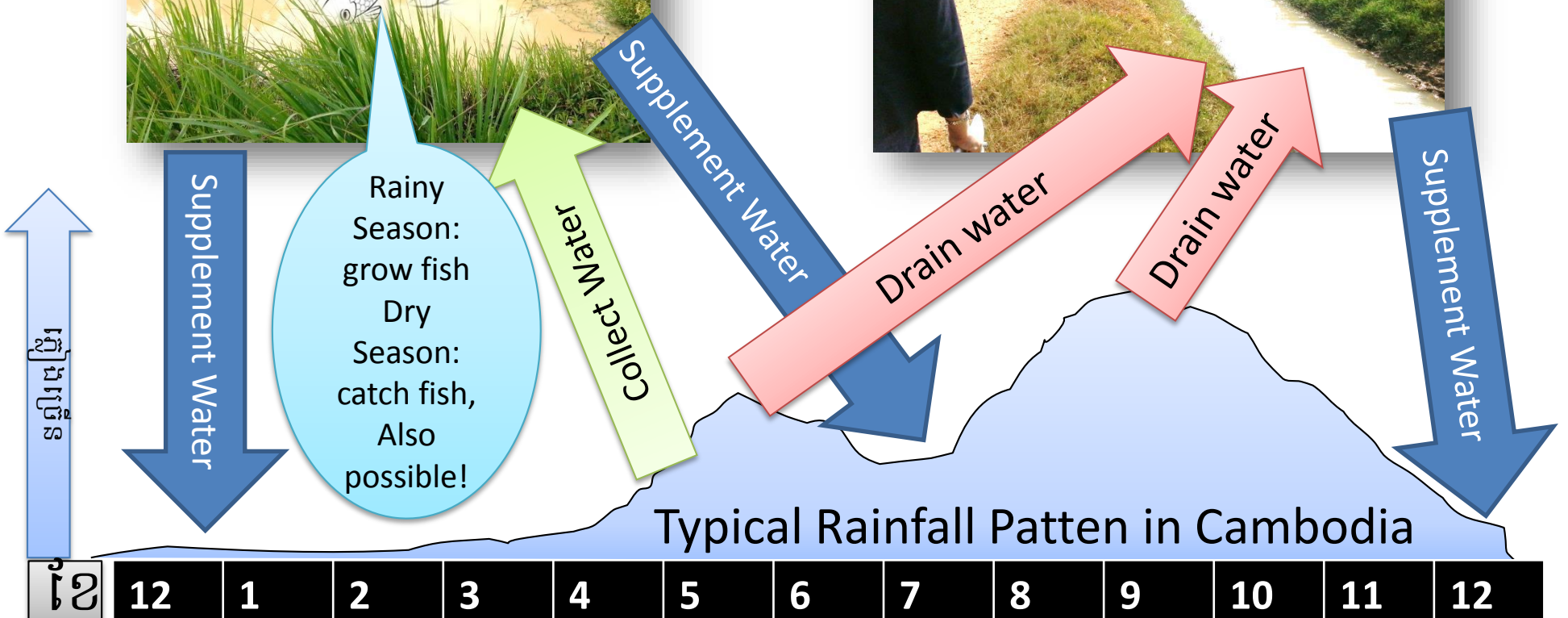
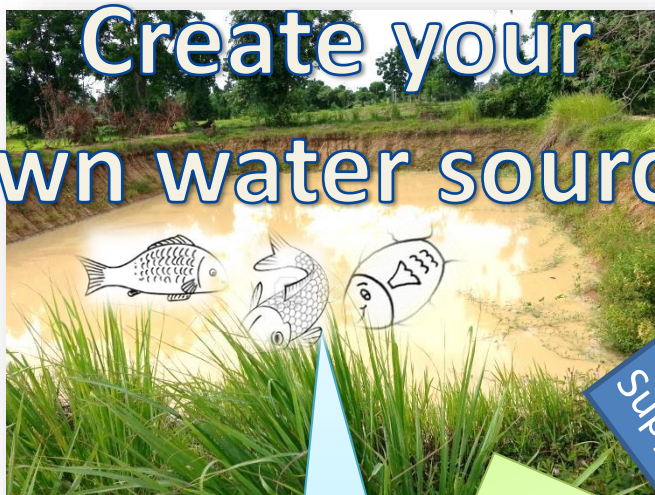
Importance of water management

Under No Irrigation

Under Available Irrigation

Create your own water source!

Keep canal clean!



Try to improve your water supply system during DRY SEASON!! Because it is easy to manage due to no rain.

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Seed Treatment Technique (2-3 days before sowing)



Conduct Seed Treatment 2-3 days before nursery seeding, drumseeding and/or manual broadcasting

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Nursery bed making(3-4 weeks before transplanting)

Raising bed



Adding organic matters



Adding Rice Husk Charcoal



Fertilizing Bed(DAP)



Leveling surface of bed



Mixing soil on bed



Sowing germinated seed



400-500m² of nursery area may be needed for 1 ha.
Estimate of 40-50kg of good seed is needed for 1ha of Main paddy



Pls. maintain water level ideal 2-5cm of seedlings, no drying up. Observe well to find out disease symptoms

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Main Land Preparation & Leveling(1week before transplanting)



Plowing Paddy



Tillering in water

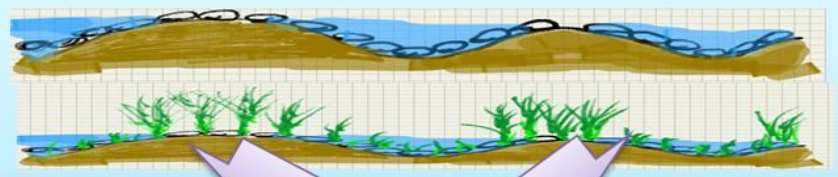


Rough Leveling

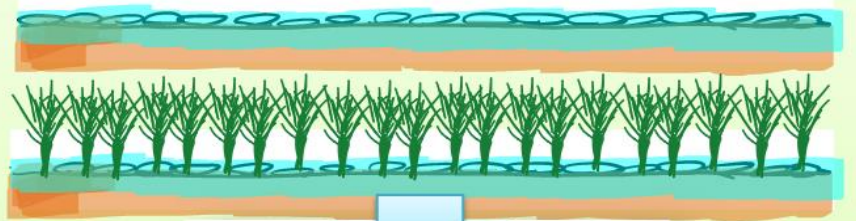


Fine Leveling

Poorly leveled paddy



Well leveled paddy

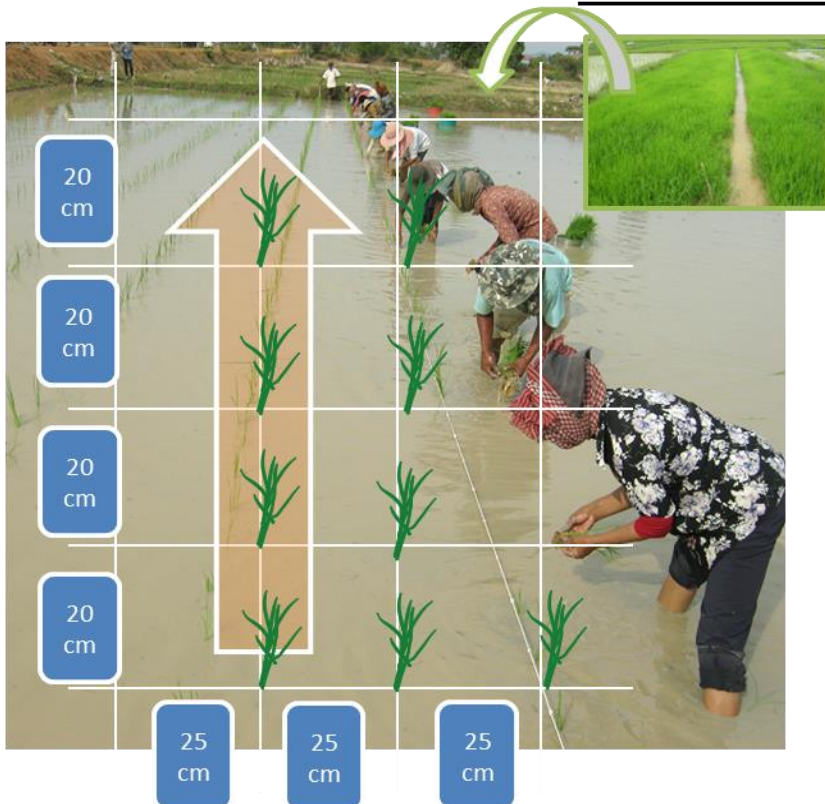


Distribute water evenly to control weed and achieve uniformed growth of paddy!!

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Line-transplanting Method

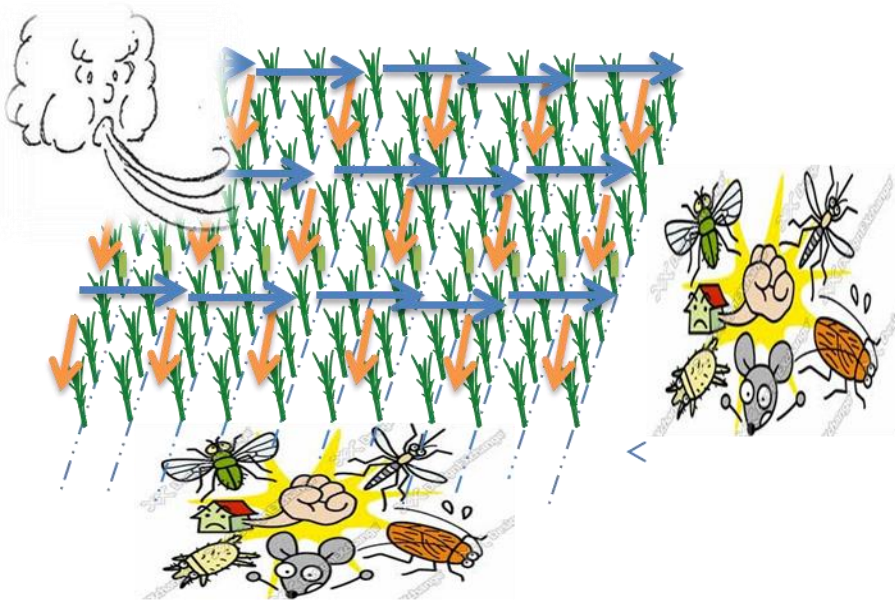


Proper planting method

- Use properly grown seedlings from nursery (21days growth),
- Use a line to plant straightly,
- Keep plant-to-plant spacing at 20cm x 25 cm,
- Plant 2-3 seedlings per hill, not many such as 4-10 seedlings.

Effect of line-transplanting

- Seedling grow well in a best spacing by line-planting,
- Good ventilation for preventing disease agents, effective use of fertilizer, fast growth of seedling,
- Easy to do weeding to promote rice growth.

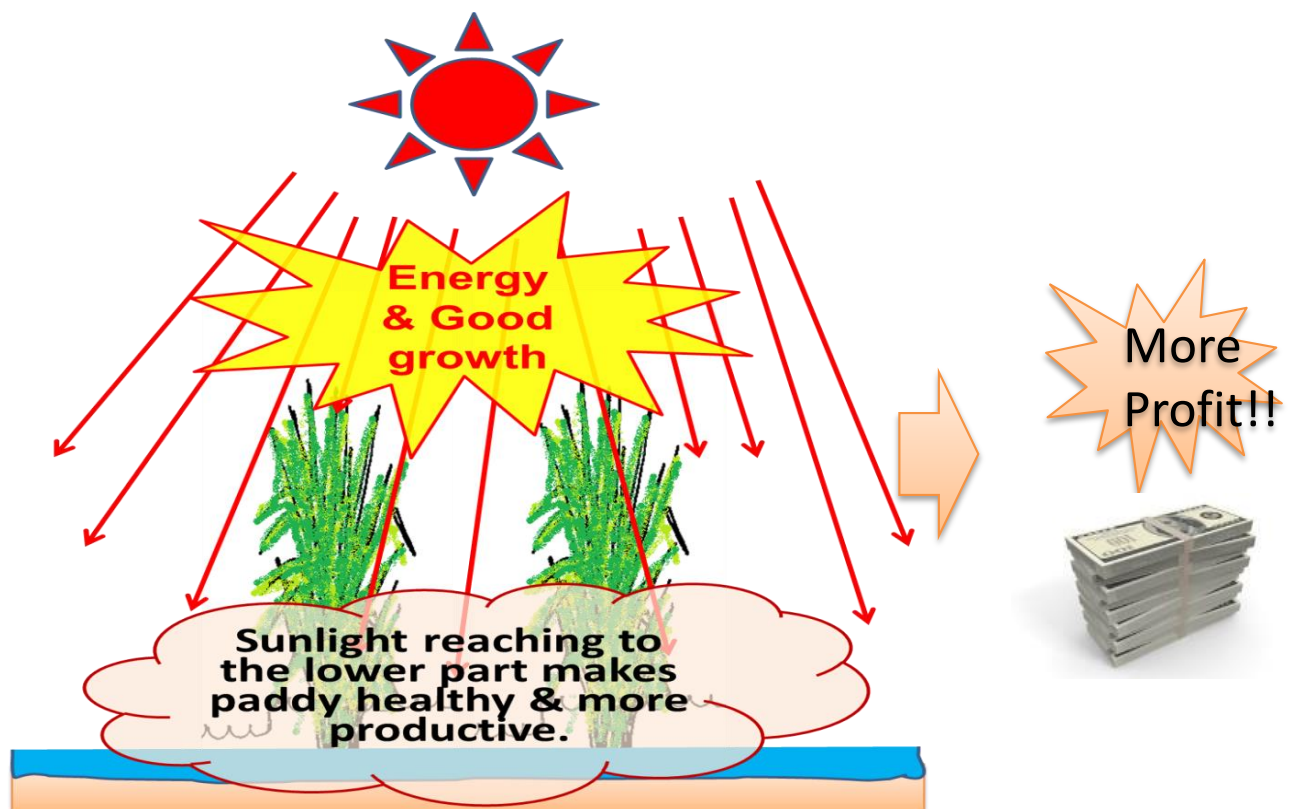


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Importance of weeding

A Farmer with Proper weeding practice



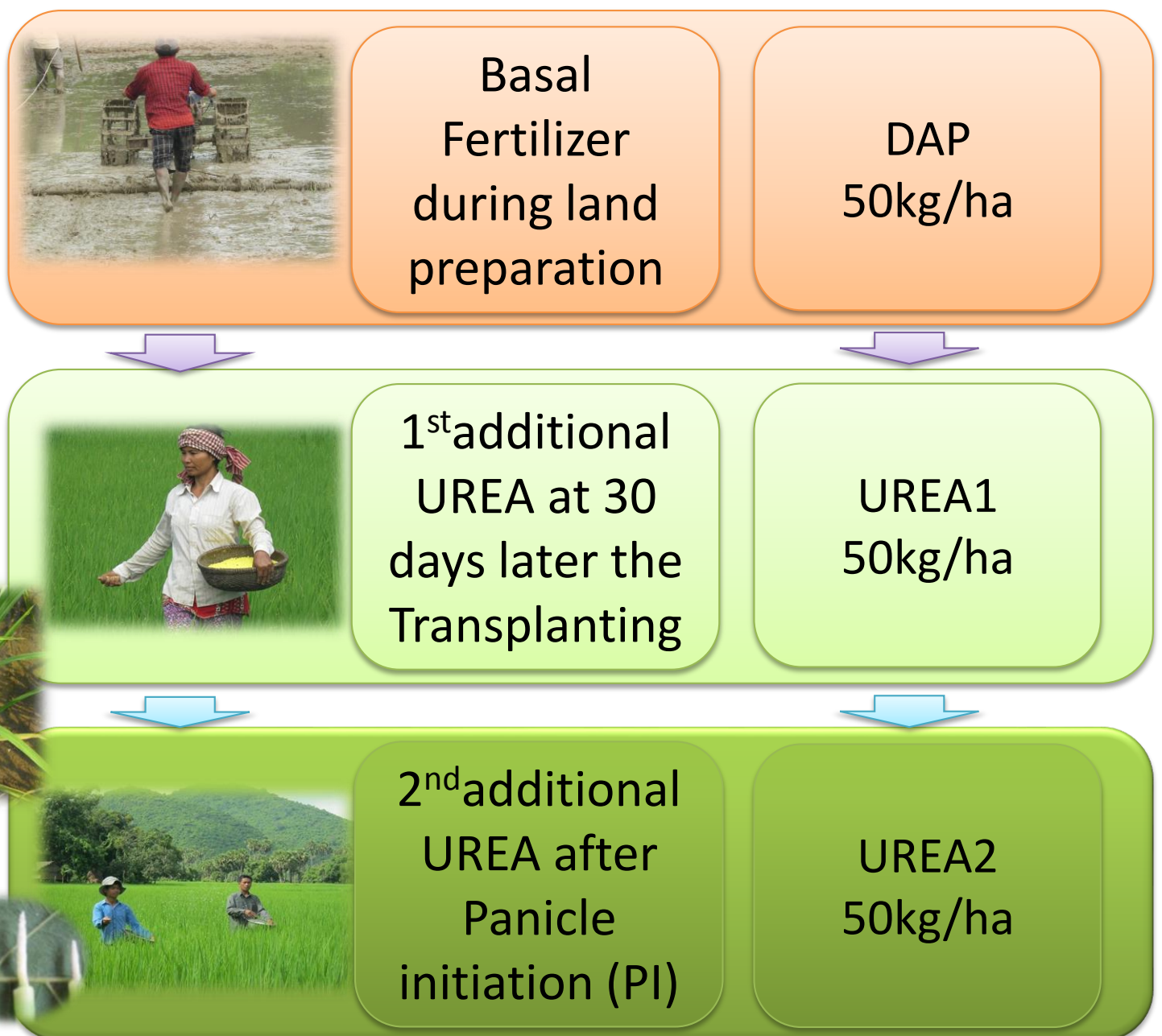
A Farmer with No weeding practice



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Fertilizing the main paddy to promote growth



Pls. make sure paddies are under water



Think of the best timing for fertilizing to maximize the growth of your rice!!

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Managing the lodging rice

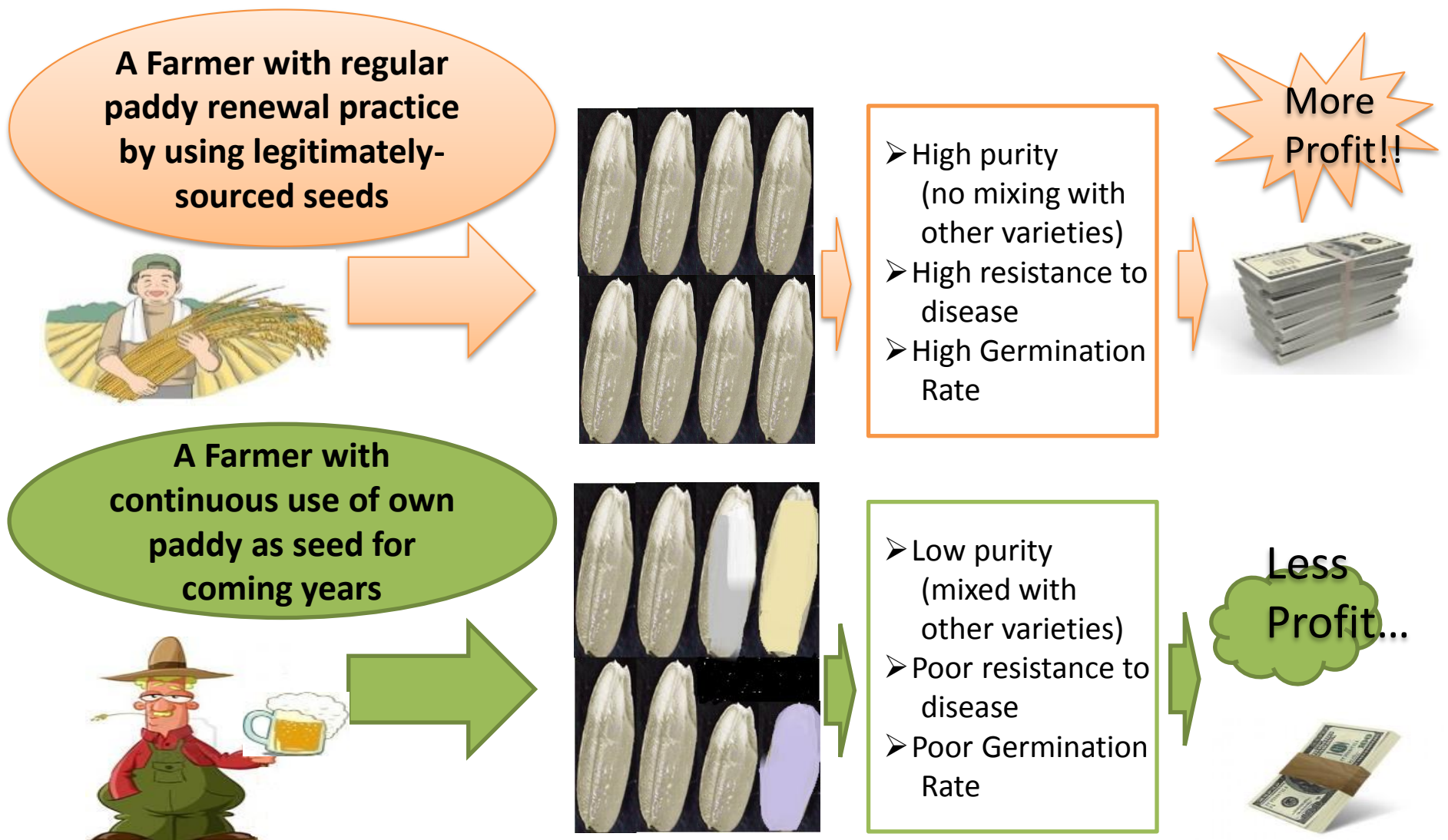


This is a critical stage for managing good quality rice before harvesting soon. So, it needs to manage it!

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Importance of renewing paddy by properly grown seeds



At least, renew your paddy every 2-3 years to avoid risk of deteriorated quality and poor productivity of paddy resulting in lowered profit!

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Contact Information of APPP/JICA Supported Seed Growers

Province	Name of SGG	Contact Person & Tel. No
Battam-Bang	 SAMAKI SEED in Banan	Mr.Tong Simon : 088-488-8523 Mr.In Suon: 053-662-9696
	 SAMAKI SEED in M.Russei	Mr.Moul Meun: 089-359-995 Mr.Hou Pen : 053-631-1889 Ms. Pheung Vy: 092-875-673
	 SAMAKI SEED in Bavel	Mr.Houl Khlim: 012-675-589 Mr.Seun Buntheun: 012-402-381 Mr.Srey Kov: 092-954216
Pursat	 TAS-PDA	Mr.L. Chendamony:012-879-877 Mr.H.Chandara: 012-635-409
K. Chhnang	 Phnom Touch SAMAKI SEED	Mr.Meas Soeurn: 012-681-523 Mr.Kheb Bou: 092-358-997 Ms.Kae Khan: 017-435-165



These seed growers all follow the seed production guideline introduced by APPP/JICA and use legitimate rice variety lines originally obtained from CARDI*. You can contact them to get your new seeds. *CARDI: _____

MAFF

JICA

APPP/JICA from 2010.10-2015.03

