## SKI-MAS #sri4diversity SKI-MAS S.R.J. Principles & Practices

ACDEDA		SRI-Mas promotes Agrobiodiversity in SRI		
Plant Health Health	<b>Aciples</b> Early, quick and at establishment.	BIODIVERSITY	-Mixed agro-ecosystems -Crop species/varieties -Livestock and fish species -Plant/animal germplasm	
Plant Stability Principle 2:	Reduced plant density	Agrobiodiversity	-Soil organisms in cultivated areas -Biocontrol agents for crop/livestock pests -Wild species as landraces or with	
Soil Health tions with or	Improved soil condi- ganic amendments		-Cultural & local knowledge of diversity	
Conservation Principle 4: F	Reduced and con- r applications	http://www.fao.org/3/y560	09e/y5609e01.htm	

https://sri.ciifad.cornell.edu/aboutsri/methods/

## **6 S.R.I. practices**

Practice 1	PLANT YOUNG
Practice 2	PLANT SINGLY
Practice 3	PLANT WITH SPACING
Practice 4	ALTERNATE WETTING & DRYING, KEEPING SOIL MOIST
Practice 5	APPLY SCHEDULED WEEDING AND BIODIVERSITY-BASED PEST CONTROL
Practice 6	APPLY ORGANIC AMENDMENTS TO BUILD SOIL OR- GANIC MATTER AND IMPROVE SOIL MICROBIAL PROPERTIES

Seedling age	Ideal	Good	Minimal	Not SRI
	7-10 days	11-15 days	16-20 days	over 20 days

Seedling	Ideal	Good	Minimal	Not SRI
number per hill	1	2	3	4 or over

	Ideal	Good	Minimal	Not SRI
Spacing	9-16	17-25	26-40	over 40
	hills/	hills/	hills/	hills/
	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>

	Ideal	Good	Minimal	Not SRI
				no
Weeding	4	2 to 3	1 time	Weed- ing





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