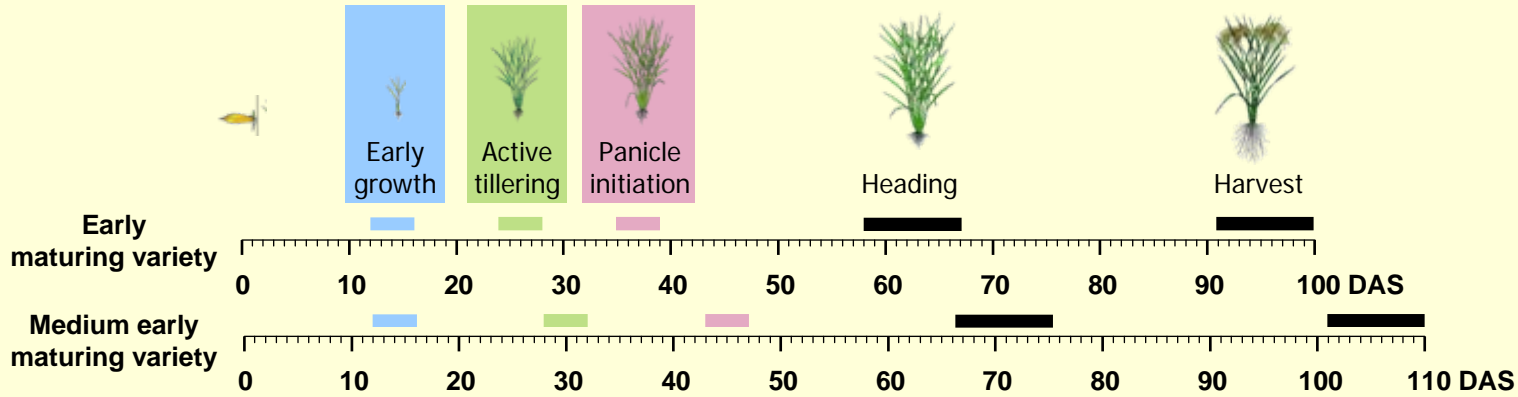




# Quick guide for fertilizing **direct-seeded rice** in Tarlac (with organic fertilizer)



**Fertilizer application scheme (bags/ha)** 1 cavan = 55 kg

Step no.	Growth stage	Days after seeding (DAS)		Fertilizer source	Yield target (based on total fresh weight from the thresher)					
		Early maturing	Medium early maturing		70-90 cavans/ha		90-110 cavans/ha		110-130 cavans/ha	
					Straw removed	Straw returned	Straw removed	Straw returned	Straw removed	Straw returned
Step 1	Early growth	12 - 16	12 - 16	16-20-0 (with S)	1 bag	0.5 bag		1.5 bags		1.5 bags
				14-14-14 (with S)			2 bags		3 bags	0.5 bag
Step 2	Active tillering	24 - 28	28 - 32	Urea (46-0-0)	1 bag	1 bag	1.5 bags	1.5 bags	2 bags	2 bags
Step 3	Panicle initiation	35 - 39	43 - 47	Urea (46-0-0)	1 bag	1 bag	1.5 bags	1.5 bags	2 bags	2 bags

This 'quick guide' is applicable for rice fields with:

- Sufficient supply of water to avoid drought
- An average level of soil fertility
- No input of nutrient through deposition of sediment from flooding
- Basal application of 500 kg organic fertilizer per hectare containing 2% N, 3% P<sub>2</sub>O<sub>5</sub> and 2% K<sub>2</sub>O

For fields with other conditions, use 'Nutrient Manager for Rice' to develop a field-specific guideline. Consult the local DA office, PhilRice, ATI, Provincial Agriculture Office (PAO), and MAO in your municipality about use of the 'Nutrient Manager for Rice'.

This is a joint undertaking of DA, PhilRice, PAO, and IRRI

Version 1.0 July 2009