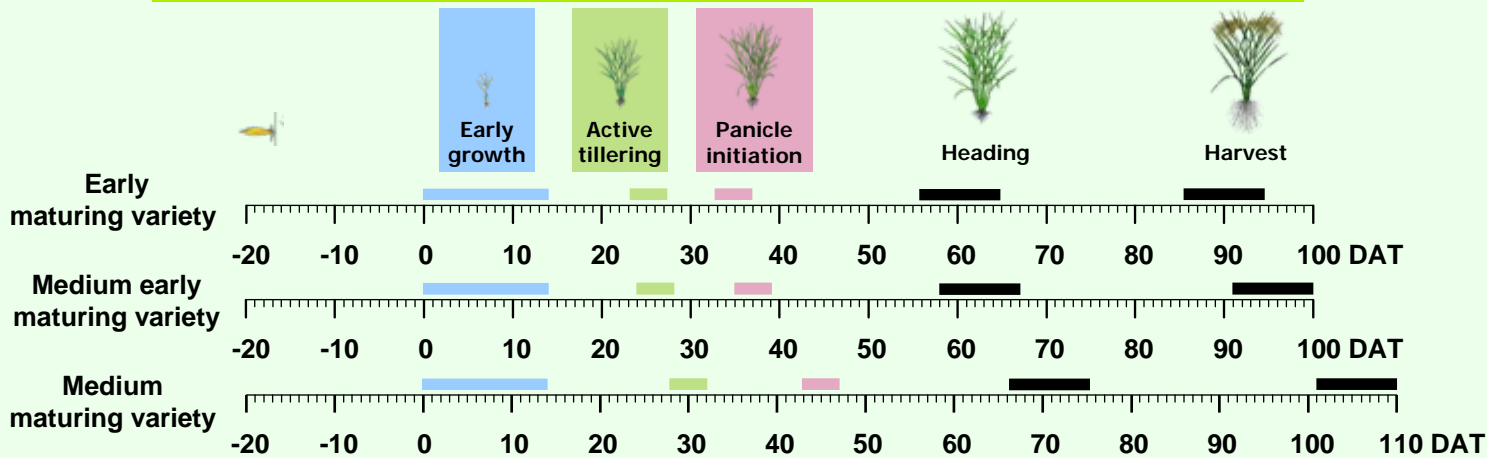




Quick guide for fertilizing **transplanted rice** in Davao City



Fertilizer application scheme (bags/ha) 1 cavan = 57 – 60 kg

| Step no. | Growth stage | Days after transplanting (DAT) | | | Fertilizer source | Yield target (based on total fresh weight from the thresher) | | | | | |
|----------|--------------------|--------------------------------|-----------------------|-----------------|-------------------|---|----------------|------------------|----------------|-------------------|----------------|
| | | Early maturing | Medium early maturing | Medium maturing | | 65-85 cavans/ha | | 85-105 cavans/ha | | 105-125 cavans/ha | |
| | | | | | | Straw removed | Straw returned | Straw removed | Straw returned | Straw removed | Straw returned |
| Step 1 | Early growth | 0 – 14 | 0 – 14 | 0 – 14 | 16-20-0 (with S) | | 1.5 bags | | 1.5 bags | | 1.5 bags |
| | | | | | 14-14-14 (with S) | 2 bags | | 3 bags | 1 bag | 4 bags | 2 bags |
| Step 2 | Active tillering | 23 – 27 | 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 | 33 – 37 | 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
- Use of seedlings less than 23 days old
- No input of nutrient through deposition of sediment from flooding
- No use of organic materials other than rice residue

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

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

Version 1.0 July 2009