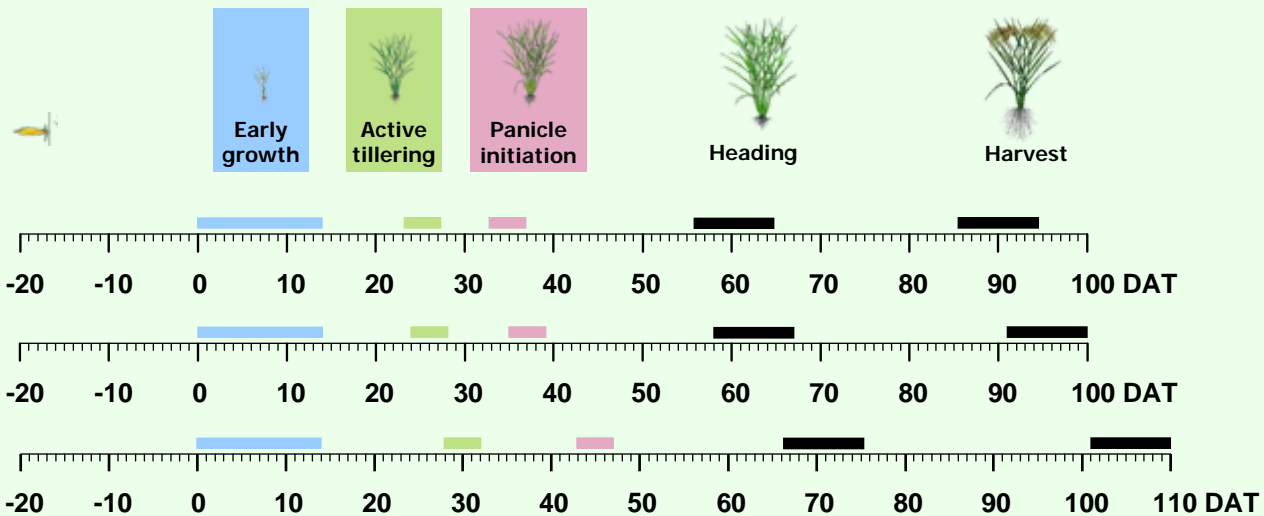




# Quick guide for fertilizing **transplanted rice** in the Province of Dinagat Islands



| Fertilizer application scheme (bags/ha) |                    |                                |                       |                 |                   | 1 cavan = 50 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 |                   | 60-80 cavans/ha  | 80-100 cavans/ha | 100-125 cavans/ha |
| Step 1                                  | Early growth       | 0 – 14                         | 0 – 14                | 0 – 14          | 16-20-0 (with S)  | 1 bag  |                  |                   |
|   |                    |                                |                       |                 | 14-14-14 (with S) |  | 2 bags           | 3 bags            |
| Step 2                                  | Active tillering   | 23 – 27                        | 24 – 28               | 28 – 32         | Urea (46-0-0)     |  | 1 bag            | 1.5 bags          |
| Step 3                                  | Panicle initiation | 33 – 37                        | 35 – 39               | 43 – 47         | Urea (46-0-0)     | 1 bag  | 1 bag            | 1.5 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 return of rice straw after threshing
- No use of organic inputs other than rice stubble

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 MAO 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 June 2009