

How to use a 'quick guide' for fertilizing rice

The following steps will enable you to identify optimal amounts of fertilizers required for your rice crop and when to apply the fertilizers.

1. Select for your province a 'quick guide' for your rice establishment practice: Either transplanting or direct seeding.
2. Identify, from the top of the selected 'quick guide', the category of rice variety that most closely matches the growth duration from establishment to harvest for your variety.
3. Select from the listed yield targets the one closest to the yield you anticipate for your variety and crop management practices in your selected season.
4. If the 'quick guide' has two options for straw management for your selected yield target, then select the straw management you used for the rice crop harvested before your selected rice crop.
 - a. Select 'straw removed' when straw in the pile after threshing the previous crop is **not spread over the field** before establishment of the rice crop.
 - b. Select 'straw returned' when straw in the pile after threshing the previous crop is **spread over the field** before establishment of the rice crop.
5. The bags in the selected column for yield target and straw management indicate the amounts of each fertilizer — shown in the column named 'fertilizer source' — to apply per hectare.
6. The column for the rice growth duration selected in step #2 indicates the optimal time to apply the fertilizers.

The identified fertilizer guideline is applicable to rice fields with the characteristics listed on the bottom half of the 'quick guide'. For other field conditions, use the computer-based 'Nutrient Manager for Rice' to develop a guideline for your specific rice field.

June 2009