

These fertilizer guidelines are applicable to wet and dry season hybrid maize corn field in Bicol which are/has:

- totally dependent on prevailing rainfall nearly level to sloping areas
 - acidic (below 5.3pH) to slightly acidic (5.5-6.4 pH)
 - loamy to clayey soils
 - residue returned from the previous crop
 - with 10-20 bags per hectare of organic fertilizer
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- To correct the acidity of soils with a pH of less than 5.3 apply 400 kg lime per hectare in soils with a pH of 5.0. lime should be broadcasted and placed under 3-4 weeks before planting.

Fertilizer sources in these recommendations are locally available and meet the guidelines for the optimal splitting of nutrients to provide the requirements of the maize crop at critical growth stages during the season.

For files with other conditions or to use other locally-available fertilizer sources, use 'nutrient expert for Hybrid Maize' to develop field-specific guidelines. Consult the Department of Agriculture RFO 5 - Central Bicol Experiment Station (CBES) and Municipal Agriculturist.

For more information visit:

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Fertilizing Wet and Dry Season

HYBRID MAIZE

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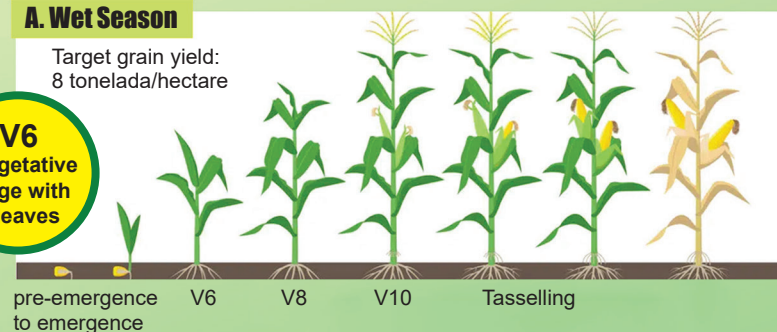
Fertilizer Guidelines for Wet and Dry Season Hybrid Maize in:

A. Wet Season

Target grain yield:
8 tonelada/hectare

V6

- Vegetative
stage with
6 leaves



Days after planting

0-7	20-32	26-32	33-38	50-55
With Bio-N application (6 packs/ha)				
3.5 bags 14-14-14 		2 bags urea 		if leaf color chart, reading is below 4, option to apply 0.5-1 bag urea
0.5 bag urea 				
0.5 bag 0-0-60 				
Without Bio-N application				
3.5 bags 14-14-14 		2 bags urea 		if leaf color chart, reading is below 4, option to apply 0.5-1 bag urea
1.5 bags urea 				
0.5 bag 0-0-60 				

Approximately equivalent to 80 to 100kg N; 25 kg P₂O₅; 40 kg K₂O



General Crop Management Recommendations:

Distance between rows: 65 to 70 cm
Distance between plants: 20 to 22
Soil pH: Maintain at 5.3 to 7.3 units

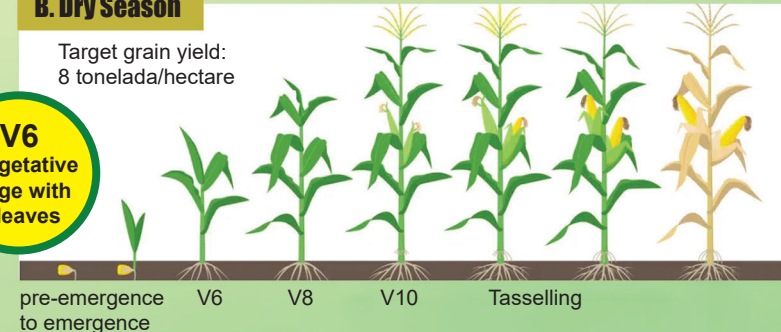
Fertilizer Guidelines for Wet and Dry Season Hybrid Maize in:

B. Dry Season

Target grain yield:
8 tonelada/hectare

V6

- Vegetative
stage with
6 leaves



Days after planting

0-7	20-32	26-32	33-38	50-55
With Bio-N application (6 packs/ha)				
5.5 bags 14-14-14 	2 bags urea 14-14-14 		2 bags urea 	if leaf color chart, reading is below 4, option to apply 0.5-1 bag urea
0.5 bag 0-0-60 				
Without Bio-N application				
5.5 bags 14-14-14 	2 bags urea 			if leaf color chart, reading is below 4, option to apply 0.5-1 bag urea
1.5 bags urea 				
0.5 bag 0-0-60 				

Approximately equivalent to 130 to 150 kg N; 40 kg P₂O₅; 50 kg K₂O



Fertilizer rates are adjusted to 1 hectare,
target grain yield based on total dry weight.

1 bag fertilizer = 50 kg.