



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF DAVAO DEL NORTE**

| Municipality  | Fertilizer-Guide Group |               | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |                               |                  |   |     |    |                      |   |                  |  |            |  |                      |                               |                  |  |  |  |
|---------------|------------------------|---------------|--|-------------------------------|------------------|---|-----|----|----------------------|---|------------------|--|------------|--|----------------------|-------------------------------|------------------|--|--|--|
|               |                        |               | INBRED RICE  |                               |                  |   |     |    | HYBRID RICE          |   |                  |  |            |  |                      |                               |                  |  |  |  |
|               | WET SEASON             |               |  |                               | DRY SEASON       |   |     |    | WET SEASON           |   |                  |  | DRY SEASON |  |                      |                               |                  |  |  |  |
|               | Number                 | Description   | Nutrient Requirement   |                               |                  | Recommended Fertilizer Rate (bags/hectare)  |     |    | Nutrient Requirement |   |                  | Recommended Fertilizer Rate (bags/hectare) |            |  | Nutrient Requirement |                               |                  | Recommended Fertilizer Rate (bags/hectare)   |  |  |
|               |                        | Texture-N-P-K | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |   |     |    | N                    | P <sub>2</sub> O <sub>5</sub>   | K <sub>2</sub> O |  |            |  | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |  |  |  |
| CITY OF TAGUM | 128                    | M-H-H-H       | 30   | 7                             | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.50 (46-0-0);<br>(2nd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 0.75 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);   | 40  | 7  | 7                    | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.00 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);  | 50               | 7  | 7          | Option 1:<br>(1st Application): 1.00 (14-14-14-); 0.78 (46-0-0);<br>(2nd Application): 1.09 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 1.00 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);   | 60                   | 7                             | 7                | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.00 (46-0-0);<br>(2nd Application): 1.30 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);                        |  |  |
| CITY OF TAGUM | 123                    | M-H-MH-MH     | 30   | 20                            | 20               | Option 1:<br>(1st Application): 2.25 (14-14-14-); 0.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.25 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 2.25 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);   | 40  | 20 | 20                   | Option 1:<br>(1st Application): 3.00 (14-14-14-);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 2.25 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);   | 50               | 30   | 30         | Option 1:<br>(1st Application): 3.75 (14-14-14-); 0.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 0.25 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 3.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.00 (0-0-60);  | 60                   | 30                            | 30               | Option 1:<br>(1st Application): 4.50 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);   |  |  |
| CITY OF TAGUM | 122                    | M-H-MH-ML     | 30   | 20                            | 40               | Option 1:<br>(1st Application): 2.25 (14-14-14-); 0.75 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 0.75 (46-0-0); 2.25 (0-18-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);   | 40  | 20 | 40                   | Option 1:<br>(1st Application): 3.00 (14-14-14-);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.00 (46-0-0); 2.25 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);  | 50               | 30   | 50         | Option 1:<br>(1st Application): 3.75 (14-14-14-); 0.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (0-0-60);<br>Option 2:<br>(1st Application): 1.25 (46-0-0); 3.50 (0-18-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);  | 60                   | 30                            | 50               | Option 1:<br>(1st Application): 4.50 (14-14-14-);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 1.50 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);  |  |  |
| CITY OF TAGUM | 065                    | M-L-L-L       | 90   | 60                            | 60               | Option 1:<br>(1st Application): 8.75 (14-14-14-);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60); | 100 | 60 | 60                   | Option 1:<br>(1st Application): 8.75 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60); | 110              | 70   | 70         | Option 1:<br>(1st Application): 10.00 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60); | 120                  | 70                            | 70               | Option 1:<br>(1st Application): 10.00 (14-14-14-);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60); |  |  |

Application schedule:  
1st - after last harrowing  
2nd - 10-14 DAT  
3rd - 20-25 DAT  
DAT - days after transplanting

Fertilizer materials:  
Complete (14-14-14)  
Urea (46-0-0)  
Ammophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



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| Municipality  | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |                               |                  |   |     |                      |                               |   |  |    |                      |   |                  |  |    |   |
|---------------|------------------------|-------------|--|-------------------------------|------------------|---|-----|----------------------|-------------------------------|---|--|----|----------------------|---|------------------|--|----|---|
|               |                        |             | INBRED RICE  |                               |                  |   |     |                      | HYBRID RICE                   |   |  |    |                      |   |                  |  |    |   |
|               | WET SEASON             |             |  |                               | DRY SEASON       |   |     |                      | WET SEASON                    |   |  |    | DRY SEASON           |   |                  |  |    |   |
|               | Number                 | Description | Nutrient Requirement   |                               |                  | Recommended Fertilizer Rate (bags/hectare)  |     | Nutrient Requirement |                               |   | Recommended Fertilizer Rate (bags/hectare) |    | Nutrient Requirement |   |                  | Recommended Fertilizer Rate (bags/hectare) |    |   |
|               |                        |             | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |   |     | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O  |  |    | N                    | P <sub>2</sub> O <sub>5</sub>   | K <sub>2</sub> O |  |    |   |
| CITY OF TAGUM | 066                    | M-L-L-ML    | 90   | 60                            | 40               | Option 1:<br>(1st Application): 5.75 (14-14-14-); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);                | 100 | 60                   | 40                            | Option 1:<br>(1st Application): 5.75 (14-14-14-); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);                | 110  | 70 | 50                   | Option 1:<br>(1st Application): 7.25 (14-14-14-); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);                | 120              | 70   | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14-); 2.25 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60);                |
| CITY OF TAGUM | 073                    | M-L-MH-L    | 90   | 20                            | 60               | Option 1:<br>(1st Application): 3.00 (14-14-14-); 1.25 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60); | 100 | 20                   | 60                            | Option 1:<br>(1st Application): 3.00 (14-14-14-); 1.50 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.00 (0-0-60); | 110  | 30 | 70                   | Option 1:<br>(1st Application): 4.50 (14-14-14-); 1.25 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.50 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60); | 120              | 30   | 70 | Option 1:<br>(1st Application): 4.50 (14-14-14-); 1.50 (46-0-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.75 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 2.50 (0-0-60); |
| CITY OF TAGUM | 106                    | M-MH-MH-ML  | 50   | 20                            | 40               | Option 1:<br>(1st Application): 3.00 (14-14-14-);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);   | 60  | 20                   | 40                            | Option 1:<br>(1st Application): 3.00 (14-14-14-);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);                | 70   | 30 | 50                   | Option 1:<br>(1st Application): 4.50 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);                | 80               | 30   | 50 | Option 1:<br>(1st Application): 4.50 (14-14-14-);<br>(2nd Application): 1.09 (46-0-0);<br>(3rd Application): 0.87 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);                |

Application schedule:  
1st - after last harrowing  
2nd - 10-14 DAT  
3rd - 20-25 DAT  
DAT - days after transplanting

Fertilizer materials:  
Complete (14-14-14)  
Urea (46-0-0)  
Ammophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



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| Municipality  | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |                  |    |  |                               |                  |    |  |                               |                  |    |  |                               |                  |    |  |
|---------------|------------------------|-------------|--|------------------|----|--|-------------------------------|------------------|----|--|-------------------------------|------------------|----|--|-------------------------------|------------------|----|--|
|               |                        |             | INBRED RICE  |                  |    |  |                               |                  |    |  |                               | HYBRID RICE      |    |  |                               |                  |    |  |
|               | WET SEASON             |             |  |                  |    | DRY SEASON   |                               |                  |    | WET SEASON   |                               |                  |    |  | DRY SEASON                    |                  |    |  |
|               | Number                 | Description | Nutrient Requirement   |                  |    | Recommended Fertilizer Rate (bags/hectare)   | Nutrient Requirement          |                  |    | Recommended Fertilizer Rate (bags/hectare)   | Nutrient Requirement          |                  |    | Recommended Fertilizer Rate (bags/hectare)   | Nutrient Requirement          |                  |    | Recommended Fertilizer Rate (bags/hectare)   |
| N             |                        |             | P <sub>2</sub> O <sub>5</sub>  | K <sub>2</sub> O | N  |  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | N  |  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O | N  |  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |    |  |
| CITY OF TAGUM | 102                    | M-MH-ML-ML  | 50   | 40               | 40 | Option 1:<br>(1st Application): 5.75 (14-14-14-);<br>(3rd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.25 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 0.50 (46-0-0);<br>(3rd Application): 0.50 (46-0-0); 1.50 (0-0-60);  | 60                            | 40               | 40 | Option 1:<br>(1st Application): 5.75 (14-14-14-);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 4.00 (16-20-0);<br>(3rd Application): 1.25 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 4.50 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.50 (0-0-60);  | 70                            | 50               | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14-);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);  | 80                            | 50               | 50 | Option 1:<br>(1st Application): 7.25 (14-14-14-);<br>(2nd Application): 0.65 (46-0-0);<br>(3rd Application): 0.87 (46-0-0);<br>Option 2:<br>(1st Application): 5.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 0.75 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 5.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);                |
| CITY OF TAGUM | 096                    | M-ML-H-H    | 70   | 7                | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.25 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 80                            | 7                | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.50 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 90                            | 7                | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 1.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.75 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.25 (0-0-60); | 100                           | 7                | 7  | Option 1:<br>(1st Application): 1.00 (14-14-14-); 2.00 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 0.75 (16-20-0);<br>(2nd Application): 2.25 (46-0-0);<br>(3rd Application): 2.00 (46-0-0); 0.25 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 1.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.25 (0-0-60); |
| CITY OF TAGUM | 081                    | M-ML-L-L    | 70   | 60               | 60 | Option 1:<br>(1st Application): 8.75 (14-14-14-);<br>(2nd Application): 0.50 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);  | 80                            | 60               | 60 | Option 1:<br>(1st Application): 8.75 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 2.00 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.00 (0-0-60);  | 90                            | 70               | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14-);<br>(2nd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);   | 100                           | 70               | 70 | Option 1:<br>(1st Application): 10.00 (14-14-14-);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 2.50 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 2.50 (0-0-60);               |

Application schedule:  
1st - after last harrowing  
2nd - 10-14 DAT  
3rd - 20-25 DAT  
DAT - days after transplanting

Fertilizer materials:  
Complete (14-14-14)  
Urea (46-0-0)  
Ammophos (16-20-0)  
Solophos (0-18-0)  
Muriate of Potash (0-0-60)



Department of Agriculture  
BUREAU OF SOILS AND WATER MANAGEMENT  
"NATIONAL SOIL SAMPLING AND TESTING FOR FERTILITY AND CROP SUITABILITY ASSESSMENT"  
**FERTILIZER-GUIDE FOR RICE**  
**PROVINCE OF DAVAO DEL NORTE**

| Municipality  | Fertilizer-Guide Group |             | Additional 10-20 bags/ha Organic Fertilizer is recommended for all options |                               |                  |   |                      |                               |                  |   |                      |                               |                  |   |                      |                               |                  |   |
|---------------|------------------------|-------------|--|-------------------------------|------------------|---|----------------------|-------------------------------|------------------|---|----------------------|-------------------------------|------------------|---|----------------------|-------------------------------|------------------|---|
|               |                        |             | INBRED RICE  |                               |                  |   |                      |                               |                  |   |                      | HYBRID RICE                   |                  |   |                      |                               |                  |   |
|               | WET SEASON             |             |  |                               |                  | DRY SEASON  |                      |                               |                  | WET SEASON  |                      |                               |                  |   | DRY SEASON           |                               |                  |   |
|               | Number                 | Description | Nutrient Requirement   |                               |                  | Recommended Fertilizer Rate (bags/hectare)  | Nutrient Requirement |                               |                  | Recommended Fertilizer Rate (bags/hectare)  | Nutrient Requirement |                               |                  | Recommended Fertilizer Rate (bags/hectare)  | Nutrient Requirement |                               |                  | Recommended Fertilizer Rate (bags/hectare)  |
|               |                        |             | N  | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |   | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |   | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |   | N                    | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |   |
| CITY OF TAGUM | 082                    | M-ML-L-ML   | 70   | 60                            | 40               | Option 1:<br>(1st Application): 5.75 (14-14-14-); 2.25 (0-18-0);<br>(2nd Application): 0.75 (46-0-0);<br>(3rd Application): 0.75 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);   | 80                   | 60                            | 40               | Option 1:<br>(1st Application): 5.75 (14-14-14-); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 6.00 (16-20-0);<br>(3rd Application): 1.50 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 6.75 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);   | 90                   | 70                            | 50               | Option 1:<br>(1st Application): 7.25 (14-14-14-); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);                               | 100                  | 70                            | 50               | Option 1:<br>(1st Application): 7.25 (14-14-14-); 2.25 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0);<br>Option 2:<br>(1st Application): 7.00 (16-20-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 8.00 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60);                |
| CITY OF TAGUM | 090                    | M-ML-MH-ML  | 70   | 20                            | 40               | Option 1:<br>(1st Application): 3.00 (14-14-14-); 0.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 1.50 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.50 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 80                   | 20                            | 40               | Option 1:<br>(1st Application): 3.00 (14-14-14-); 1.00 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 2.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 3:<br>(1st Application): 1.75 (46-0-0); 2.25 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60); | 90                   | 30                            | 50               | Option 1:<br>(1st Application): 4.50 (14-14-14-); 0.75 (46-0-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.50 (0-0-60);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.00 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.00 (46-0-0);<br>(3rd Application): 1.00 (46-0-0); 1.75 (0-0-60); | 100                  | 30                            | 50               | Option 1:<br>(1st Application): 4.50 (14-14-14-); 1.00 (46-0-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 0.75 (0-0-60);<br>Option 2:<br>(1st Application): 3.00 (16-20-0);<br>(2nd Application): 2.00 (46-0-0);<br>(3rd Application): 1.50 (46-0-0); 1.75 (0-0-60);<br>Option 3:<br>(1st Application): 2.25 (46-0-0); 3.50 (0-18-0);<br>(2nd Application): 1.25 (46-0-0);<br>(3rd Application): 1.25 (46-0-0); 1.75 (0-0-60); |

Application schedule:  
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Fertilizer materials:  
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