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| https://tse1.mm.bing.net/th?&id=OIP.M38b3060efc6b9bea868f64e2be9c017cH0&w=221&h=221&c=0&pid=1.9&rs=0&p=0 | **Ghana: Fertilizer rate adjustment for ISFM practices and soil test information** |  |
| **ISFM practice** | **Urea** | **DAP or TSP** | **KCl** | **NPK 15-15-15** |
|  | **Fertilizer rate reduction, % or kg/ha** |
| Previous crop was a **green manure crop** (mucuna for maize) | 100% | 70% | 70% | 70% |
| **Farmyard manure per** 1 t of dry material (low quality) | 22 kg | 10 kg | 10 kg | 70 kg |
|  Residual value of FYM applied for the previous crop, per 1 t | 10 kg | 5 kg | 5 kg | 35 kg |
| **Poultry manure**, per 1 t dry material | 65 kg | 22 kg | 17 kg | 200kg |
| Residue value of poultry manure, per 1 t dry material | 32 kg | 10 kg | 8 kg | 100 kg |
| **Compost**, per 1 t | 11 kg | 1 kg | 1 kg | 33 kg |
| **Maize-cowpea intercropping** | TSP by 22 kg/ha, but no change in N & K compared with sole maize rates |
| **Maize-groundnut intercropping**  | Increase DAP/TSP by 52 kg/ha, no change in N and K compared with maize rates |
| **Maize-cowpea rotation** | 0% reduction but more yield expected |
| **Rice-cowpea rotation** | 0% reduction but more yield expected |
| If **Bray-Kurtz I P > 20 ppm**, or **Olsen P > 30 ppm**  | Apply no P |
| If soil test **K < 100 ppm** | Band apply 15 kg/ha KCl  |