



14.3.3 : SOIL TESTING SERVICE TO FARMERS

During the year 2007-12, altogether 32,447 surface soil samples (0-15 cms) were received in the soil testing laboratory from the farmers of Palamau, Dumka, Jamtara, Saraikela, Ranchi, Hazaribagh, Bokaro, Gumla, Pakur, Singhbhum (W) & Singhbhum (E) districts of Jharkhand. The soil testing analysis services provided to farmers on FREE OF COST and recommendation of fertilizer application on the basis of soil test values were sent to concerned farmers. These soil samples has been analyzed for organic carbon, soil pH, available Phosphorus, and available Potassium in the soil testing lab. in the Department.

| Year | Soil samples received | Soil sample analyzed | Revenue generated (in Rs.) |
|---------|-----------------------|----------------------|----------------------------|
| 2007-08 | 5199 | 5199 | - |
| 2008-09 | 6024 | 6024 | - |
| 2009-10 | 7809 | 7809 | 18,09,000 |
| 2010-11 | 5089 | 5089 | 12.65.000 |
| 2011-12 | 8326 | 8326 | - |

14.4 : FUTURE OUTLOOK :

- Block level soil nutrient maps need to be completed for all the districts.
- Emphasis should be on Site Specific Nutrient Management in crops & Cropping Systems.
- Research on Nutrient Management & water saving technologies in Canal Command areas need emphasis.
- Conservation agriculture & Nutrient Expert Systems need emphasis for future sustainability.
- Research on enhancing nutrient use efficiency under rainfed farming systems should be continued.
- INM strategies at local level need to be outlined based on availability of cost effective inputs.

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