

Annex 2. Field Exercises on Integrated Crop Management.

The exercise was designed to provide and familiarize the participants with a hands-on experience on the use of LCC (Leaf Color Chart) (Photo A2). LCC is an alternative tool for real time *in situ* assessment and monitoring of the plant N status and to synchronize fertilizer N application with the actual crop demand.

LCC measures the leaf color intensity that is related to the leaf N- status and thus optimize N use at high yield levels, irrespective of the source of N applied; viz; organic, manure, biological fixed N or chemical or inorganic fertilizer.

A field visit to the seed bed nursery of the Training Center was also made to show the different types of seedbeds like modified mat, dapog seedbed and others. This is to emphasize the importance of good seedlings which is a prerequisite for attaining high yields in transplanted rice.

Exercises: Measurement & Calculation for LCC-Based N. Application

Activity Title: _____

Area of Field: _____ sq. meters

Age of Plants: _____ DAT

Fertilizer to Use: _____

Trial No.	LCC Reading	Apply N? (Yes/No)	Fertilizer Type	Amount (kg)
1				
2				
3				
4				
5				
6				
<i>Average</i>				

Calculation

Decision Tables for LCC-Based N. Application

Activity Title: A _____

Area of Field: _____ sq. meters

Fertilizer to Use: _____

Time (DAT)	Average LCC Reading	Apply N? (Yes/No)	Fertilizer Type	Amount (kg)
0 (Basal)				
14				
21				
28				
35				
42				
49				
56				

Activity Title: B _____

Area of Field: _____ sq. meters

Fertilizer to Use: _____

Time (DAT)	Average LCC Reading	Apply N? (Yes/No)	Fertilizer Type	Amount (kg)
0 (Basal)				
14				
21				
28				
35				
42				
49				
56				

