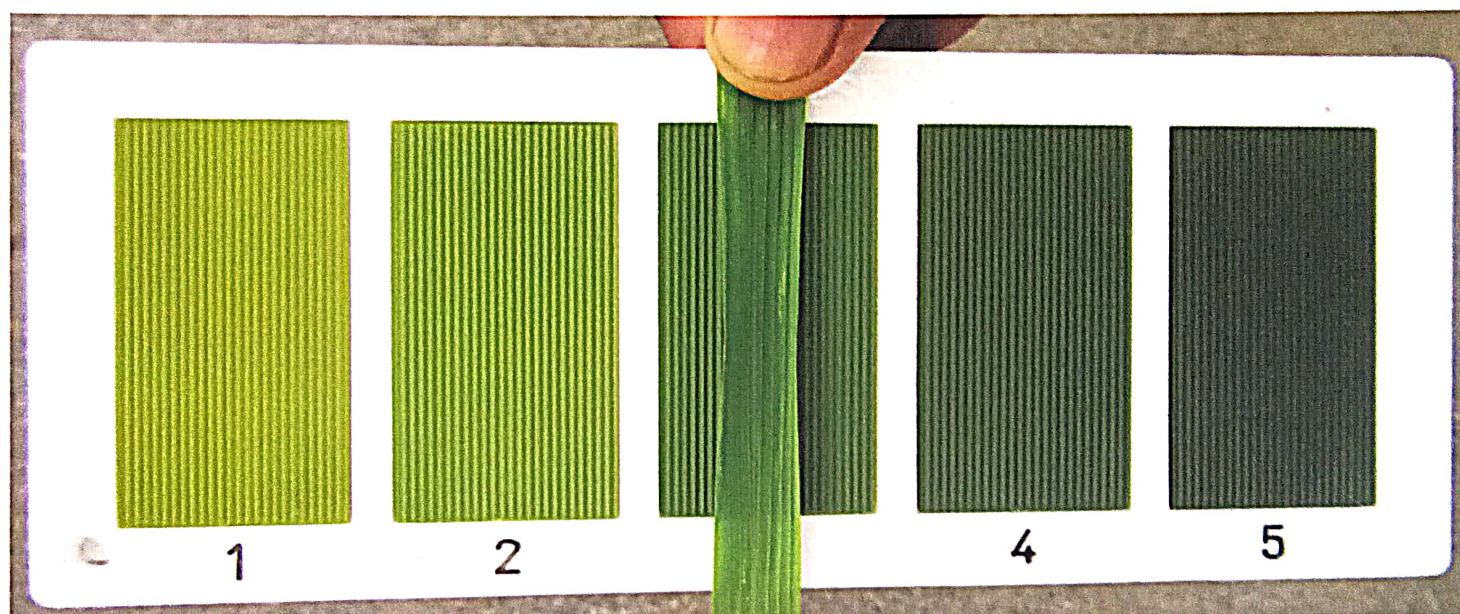


IIRR Leaf Colour Chart (LCC)

Customized LCC for Real Time N Management

The customized LCC was developed at IIRR, Hyderabad on the basis of spectral evaluation of leaves of hundreds of varieties under different N levels. It can be used for real time N management by using the N application schedules (20-30 kg N/ha depending on the crop stage). The IIRR LCC is commercialized with 3 Pvt. Companies.



Leaf colour chart is a tool to measure the greenness of the rice crop. LCC value less than 3.5 (between three and four) indicating critical N level below which the crop will suffer from N deficiency and yield less than optimum for most semi dwarf rice cultivars.

- ✓ Very convenient and easy to use concept for the farmer.
- ✓ Cost effective technology resulting in saving of 25-30 kg Nitrogen for the crop in a growing season.
- ✓ Helps to reduce indiscriminate use of nitrogenous fertilizers.
- ✓ Optimal application of N fertilizers synchronized with LCC reduces incidence of pests and diseases.



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