

Beginning of Short Rain Season 2013

After the harvest of second crop implemented in sequential season 2013, RICEMAPP started activities for 2013/14 main cropping season.

Plots of various demonstrations and trials on non-tillage rice cultivation method, HYMERIC, different irrigation methods among others were prepared at MIAD paddy fields.

Seeds were sown using recommended seed rate of 100g/m² on 16th July, 2013. Seedlings are healthy in the nursery plots where they will be ready to be transplanted in early August.



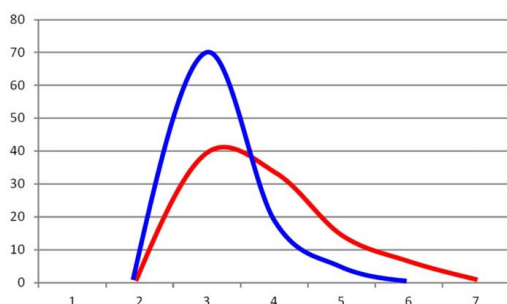
One hundred grams (100g) / m² of treated seeds were sown on well prepared nursery beds (*left*). By giving wider space for each plant, healthy growing seedlings (*center*). Plots for non-tillage rice cultivation prepared by burning straws of previous crop therefore no weed (*right*).

Seed treatments

RICEMAPP is practicing seed treatment before sowing.

Where all seed is selected by salt water of approximately 1.06 in specific gravity. Selected heavier seed show uniform germination (See graph below), heavier seeds are free from major diseases as well.

After selection, hot water treatment was given with 60°C for 10 minutes to disinfect seed surface from rice blast disease. Those processes are very important to raise healthy seedlings.



Left graph, blue line shows germination of selected heavier seed and red line is that of non-selected seed. Selected seed finish germination within three days. While on the other hand, non-selected seed continue to germinate for longer period. Difference is just few days, but this small difference affects establishment ratio.