



INWEPF-THAILAND

Innovative Rice Cultivation

to Sustain Green Approaches
for Food Security to Alleviate Poverty
under Global Warming Challenges

INWEPF-THAILAND




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Present:



Mr. Va-son Boonkird
Chairman of INWEPF-THAILAND Committee
Senior Expert Advisor of Irrigation Development Institute
Bangkok, Thailand



WELCOME TO CHIANG MAI, THAILAND
FOR



2nd WORLD IRRIGATION FORUM & 67th INTERNATIONAL EXECUTIVE COUNCIL MEETING 6 - 12 NOVEMBER 2016 AT CMECC



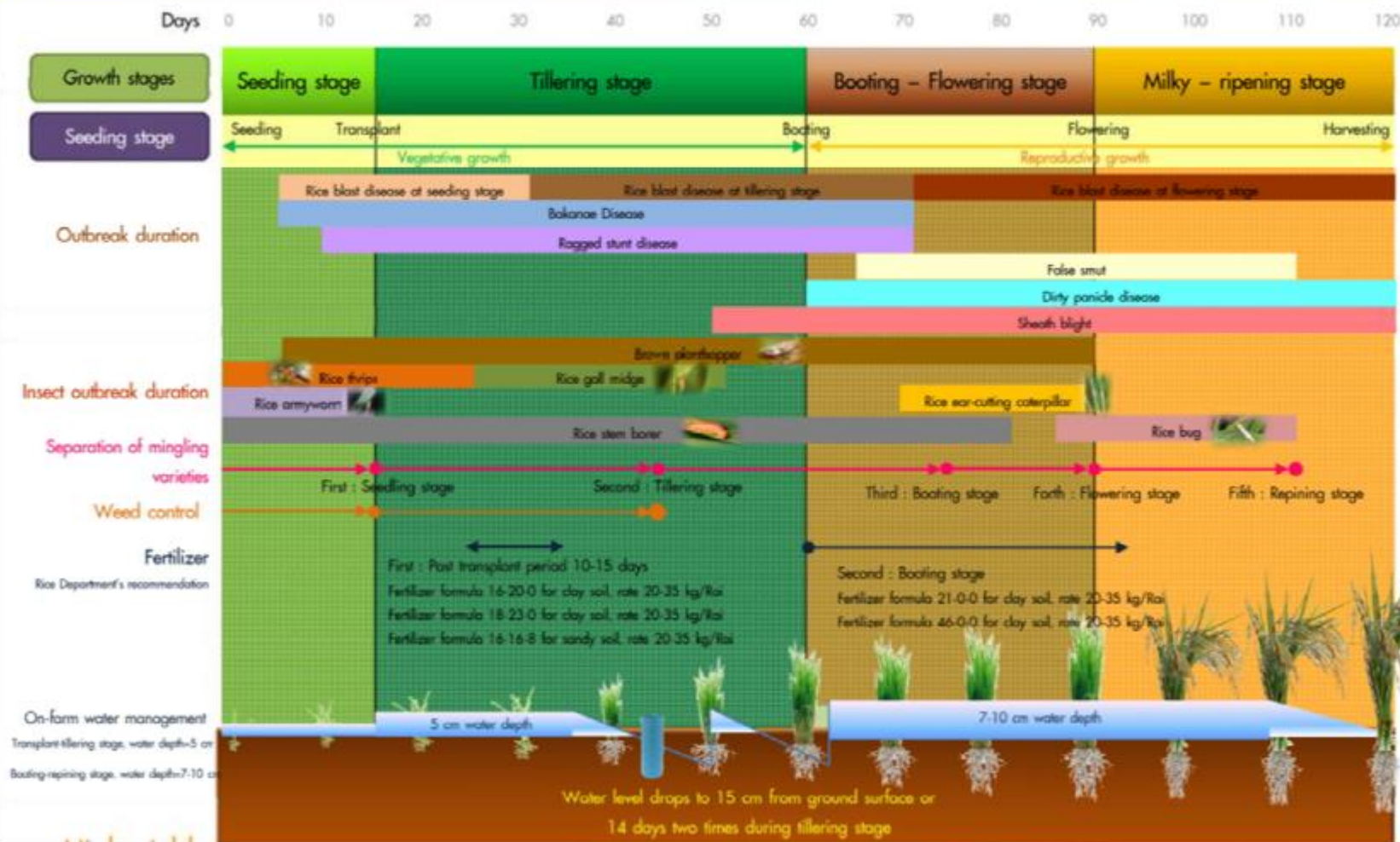
Innovative Water Management Award:
Innovation, Implementation and Extension
of the Water Saving Integrated Smart
Farming – AWDI Technique in Thailand

presented by Mr. Va-Son Boonkird
& Dr. Watchara Suiadee (Thailand)





Suggestion for alternative wetting and drying of paddy dry season crop with transplanting machine (Nursery tray)



Reducing
the water usage
20-30%

Cuts the need
for chemical fertilizers
70-100%

Reducing
demand for seed and
labour cost

Roadmap for AWDI and Adapted Rice Ratooning Technique

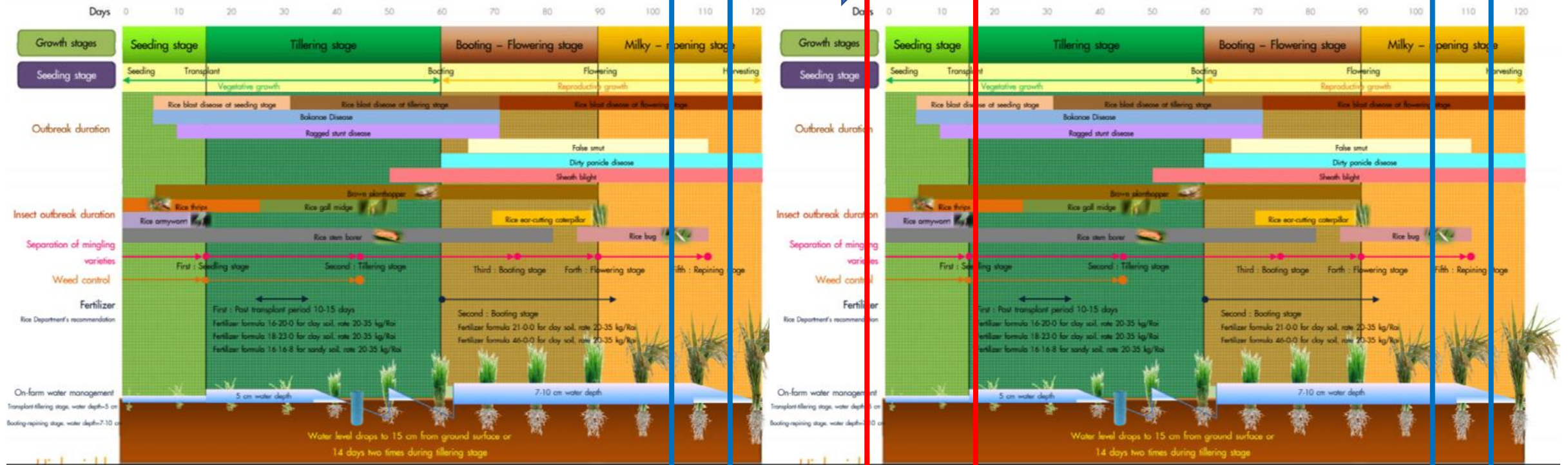


AWDI & Adapted Rice Ratooning

Day0

Day110
Harvest

No
Seedling
Stage



Crop1

Crop2

20 Days Reduced

- Crop1 = 120 Days
- Harvest Crop 1 at Day 110
- No Seedling Stage for Crop 2 (10 Days)

Water Level Sensor for Alternate Wetting and Drying.

The real time soil moisture and other information
transmit to LINE Application for smart farmers.

Location: Rice Department,
Irrigation Water Management Division
By : Bureau of Research and Development, RID
and Rice Department



Roadmap for AWDI and Adapted Rice Ratooning Technique





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Full of Thanks

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