

TEST PROTOCOL for NATURAL GREEN®

Farmer/Organization :
Location :
Beginning of Experiment:

General Information about the Experiment

Soil type:
Soil analysis:
Soil Salinity
Salinity of irrigation water:
Annual rainfall:
Fertilizer standard practice:

Plant/Culture information

Plant species:
Sow and planting method:
Experiment area:

Natural Green® expectations:

Land preparation and layout of demo plot(s) should be on a considerable distance between each plot. Water supply layout and drainage systems should **not** contaminate each other or each of the individual plots being subjected for testing.

Miscibility:

natural green® can be mixed with pesticides and leaf fertilizers. However, users must check that the products are compatible before using them for the first time. Mixtures containing products (especially leaf fertilizers) with a high phosphate or sulphate content are not recommended.

Conclusion: Good distance between test plots or demo areas will give us more accurate results.

RICE PROTOCOL for NATURAL GREEN®

Guide for standard practice and test area

TRADITIONAL FARMING

Step 1 - Soak Seeds in Water for around 12 to 24 hours
Step 2 - Place Soaked Seeds on top of soil and cover with leaves or trapal for 12 to 24 hours
Step 3 - Once seeds have sprouted (tawge) place on seedbed
Step 4 - Spray fertilizer or insecticide after 5 to 7 days or when needed until tillering
Step 5 - Transplant rice shoots from Seedbed to the Ricefield
Step 6 - Spray Insecticide against Kuhol or snails
Step 7 - After 5-7 days from transplanting spray herbicides
Step 8 - After 10-15 days apply fertilizers
Step 9 - After 20-21 days spray pesticides
Step 10 - After 25-30 days apply fertilizers/herbicides
Step 11 - After 31-40 days spray insecticides or on need basis
Step 12 - Harvest

CONTROL GROUP		NATURAL GREEN	
STEP #	Procedure	STEP #	Procedure

	NONE		
	NONE	# 2	SEED COATING : Mix 200 grams of NG in 10 liters of water. Spray on to soaked seeds before covering with leaves/trapal
	NONE		
	NONE	# 4	1ST APPLICATION : Mix 300 grams of NG in 15 liters of water. You can mix with fertilizer or insecticide spray. Spray on to rice shoots after 7 days or before transplanting to SeedBed.
	NONE		
	NONE		
	NONE	# 7	2ND APPLICATION : Mix 700 g of NG in 100 liters of water. You can mix with herbicide spray. Spray on to leaves of rice after 5-7 days from transplanting.
	NONE		
	NONE		
	NONE	#10	3rd APPLICATION : Mix 700 g of NG in 100 liters of water. Spray on to leaves after 30 days from transplanting.
	NONE		
	NONE		

EXPERIMENT DOCUMENTATION for NATURAL GREEN®



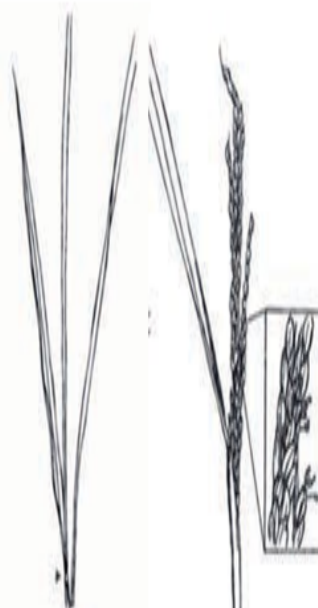
Data record sheet for standard practice and test area

Not measured -
Measured -

	Seed Coating (seed-bed)	1st Spraying 1 day before Transplanting	2nd Spraying 7 days after Transplanting	3rd Spraying 30 days after 2nd appl	4th Spraying (if needed only)	Day of Harvest	Base/benchmark/standard	%
DATE of DATA GATHERING								
Length of root natural green (cm)								
Length of root control group (cm)								
Count of roots natural green (piece)								
Count of roots control group (piece)								
Seeds of spike natural green								
Seeds of spike control group								
Spikes of plants natural green								
Spikes of plants control group								
Leaf count natural green (Plants)								
Leaf count control group (Plants)								
Height of Plant natural green (cm)								
Height of Plant Control group (cm)								
BRIX natural green (Brix points)								
BRIX Control Groupe (Brix points)								
Color of leaves natural green (Colorcard of IRRI)								
Color of leaves control group (Colorcard of IRRI))								
Count of plants natural green (plants)								
Count of plants control group (plants)								
Kernel per panicle natural green								
Kernel per panicle control group								
Grams of 100 Kernels - natural green								
Grams of 100 Kernels - control group								
Sprouts per plant natural green								
Sprouts per plant control group								

Nature-Tech Innovation Group Inc.: _____

Farmer : _____

Guidelines for use:	Recommended spraying Time		
Number of spray applications:	1st	2nd	3rd
Development phase:	Tillering	Prior to shoot growth	As necessary: Prior to panicles forming
Pictures:	 <p style="text-align: center;">21</p>	 <p style="text-align: center;">32 32 34</p>	 <p style="text-align: center;">39 61</p>
BBCH scale:	(20-23)	30-39	From 38

Note