

## 2022-2024 - Pakistan - Wheat Trials

Performed by: Mr. Ahsan Hammad, Agriculture graduate/Farmer, Punjab, Pakistan  
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Kyminasi Device Crop Trial		Season: <b>2022-23</b>		HH Analysis	
Made by Agriculture graduate/Farmer, Mr. Ahsan Hammad - Sept. 23th, 2024	Crop: <b>Wheat</b>				
Location: Village Lani Wala, p/o kot fateh khan, Tehsil Fateh jang district Attock, Punjab Pakistan					
Field size: 1.5 Acres. Irrigation type: Flood				GAIN	
Treatment/Kyminasi device		Control/without device			
Plot size (acres)	0.5	Plot size (acres)	0.5		
Date of sowing	11/11/2022	Date of sowing	11/11/2022		
No. of irrigations	3	No. of irrigations	3		
Days to germination	7	Days to germination	7		
Plant height - 70 days (cm)	66	Plant height - 70 days (cm)	55		20%
Days to spike initiation	115	Days to spike initiation	124		-7%
Disease Score	0	Disease Score	2		-100%
Days to maturity	166	Days to maturity	173		-4%
Grain yield	48.14	Grain yield	42.85		12%

Mr. Hammad's observations: **The field** irrigated with this device posses **more dark green color**, and seems **more attractive**; and **more healthy seeds** than control.

Kyminasi Device Crop Trial		Season: <b>2023-24</b>		HH Analysis	
Made by Agriculture graduated/Farmer, Mr. Ahsan Hammad - Sept. 23th, 2024	Crop: <b>Wheat</b>				
Location: Village Lani Wala, p/o kot fateh khan, Tehsil Fateh jang district Attock, Punjab Pakistan					
Field size: 2 Acres. Irrigation type: Flood				GAIN	
Treatment/Kyminasi device		Control/without device			
Plot size (acres)	0.75	Plot size (acres)	0.75		
Date of sowing	10/25/2023	Date of sowing	10/25/2023		
No. of irrigations	3	No. of irrigations	3		
Days to germination	7	Days to germination	7		
Plant height - 95 days (cm)	73	Plant height - 95 days (cm)	69		6%
Days to spike initiation	121	Days to spike initiation	127		-5%
Disease Score	0	Disease Score	1		-100%
Days to maturity	173	Days to maturity	176		-2%
Grain yield	54.7	Grain yield	48.14		14%

Mr. Hammad's observations: **The field** irrigated with this device posses **more dark green color**, and seems **more attractive**; and **more healthy and shiny seeds** than control. **The hay** being produced was also having **more palatibly for animal consumption**.

## CONCLUSIONS (by Harvest Harmonics, 24 Sep. 2024)

In this wheat trial, each of the seasons was performed in a different location.

Format: one field was flooded with water treated with Kyminasi Plants Crop Booster (KPCB) and the other field used as Control.

The numbers show several positive results, despite only three flooding cycles:

-- GROWTH: Final KPCB-treated plants were 20% and 6% taller than Control, respectively. The farmer also observed that the treated field had darker green color, and seemed more attractive than the Control field.

-- PLANT HEALTH: Disease levels in KPCB-treated fields were reduced by 100% in both cases, compared to Control.

-- YIELD: In these trials, wheat yield in the treated field was 12% and 14% higher than Control, respectively.

Additionally, the farmer observed that the hay produced in the KPCB treated field was more palatable for animal consumption.

