

Success Story of Nutraful Fertilizer “Ambassador Farmer “ A Successful Cotton Grower

Farmer Introduction



Mian Imtiaz Ali Khan Lalika is a well-known, educated & progressive cotton grower of Tehsil Haroonabad District Bahawalnagar. He belongs to a very large, well known political and influential Lalika Family of Haroonabad. He started farming in 1980 and with 38 years of vast experience in crops cultivation he became a passionate grower especially in Cotton crop. He personally supervise all activities throughout cotton season.

Along with a rich experience he also worked very hard resulting, output kept growing every year. He reached desired returns & achieved visible economic growth.

Best Practices of Cotton Growing

Selection of new technology, knowledge based farming and effective Seed Management, Nutrition Management, Weed Management and Pest Management can produce healthy crop with high yield and quality.

Under the specified natural conditions like climate, Soil suitability and Pest Problems best recommended agronomic practices, Fertilizer, weedicides & Pesticides for growing Cotton are seed variety, Land preparation, Weeds management, Nutrition management, crop water requirement, and Fertilization and pest management.

Many people in this area have started to follow the same pattern in their farming practices especially Nutraful Fertilizers.

Agronomic Practices

Geographical Location:	Chak # 23-24/3 - Lalika, Haroon Abad
Total Land Holding:	580 acres
Soil Type:	Loamy (Mera)
Water Source:	Tube well & Canal
Major Crop:	Cotton & Wheat
Sowing Period:	April May 2018
Sowing Method:	Ridge sowing, Drill Sowing
Area under Major crop:	550 acres
Seed Variety used:	LS-1 (09 acres) Bahar-7 (75 acres) Nayab -878 (145 acres) SS-32 (77 acres) BS-15 (114 acres) BS-18 (55 acres) FH-490 (75 acres)
Yield Variety wise/acre:	LS-1 (34 mounds), Bahar-7 (34 mounds), Nayab 878 (30 mounds), SS-32 (29 mounds) BS-15 (23 mounds), BS-18 (18 mounds) Overall Avg yield 30 mounds per acre
Total no. of Sprays of Pesticides:	11
Total no. of Seed treatments:	Hombre 200 ml/ 40 kg
Total no. of Weedicide:	Panida Grande, Mera -71(JAS)
Fertilizer Used	Nutraful Fertilizers (JAS)
Fertilizer Quantity (Kg/acre)	Nutraful DAP-75 kg, Nutraful Urea-100 kg, Cheetah SOP-50 kg,
Yield Per Acre (Mounds/ acre)	30 Mounds/acre
Total no. of Sprays of insecticides:	1-Lesenta + Movento 2-Belt + Decis Super 3-Lesenta + Movento 4-Belt @ 50 ml/acre 5-Chlorfenapyr + Titonic (JAS) 6-Pyriproxyfen + Deltamethrin (JAS) 7-Confidor + Corridor +Decis Super, 8- Diafenthiuron +Decis Super 9-Triazophos+Bifenthrin (JAS) 10- Triazophos +Bifenthrin (JAS) 11-Pyriproxyfen+Jinteng (JAS)
Total no. of Sprays of Amino Acids:	Tecamin Max @ 500ml /acre (2-sprays) (JAS)
Total Use of Zinc & S:	Sulfex Gold @ 2 kg/acre at 30-35 days crop. (JAS) Grozin @ 6 kg/acre at 45-50 days crop (JAS)

Yield Comparison in Nutraful and Non Nutraful

	2018	
	Nutraful Crop	Non Nutraful Crop (Nearby farmer)
Crop	Cotton	Cotton
Area under Crop (Acres)	550	170
Yield Per Acre (mounds)	30	18

* 1 Bag = 120Kg

Nearby Farmer Fertilizer information.

Engro DAP 50 kg/acre

Engro Urea 100 kg/acre

CAN 50 kg/acre

Achievements

1. Last year used NUTRAFUL in 5 acres of Wheat crop and got 9 mounds more yield than standard fertilizers. Then he used Nutraful on total acreage (550 acres) of Cotton and got Good average yield of 30 mounds/acre.
2. Multidimensional farmer, running also a successful Lalika seeds company selling Quality cotton and wheat seeds and also running Lalika Ginners at Haroonabad at same time.
3. This year Avg cotton yield is 30 mounds per acre vs Last year average production was 18 mounds/acre.

Reasons of Success

1. Use of Nutraful Fertilizers.
2. Timely weed control with Panida Grande & Mera -71.
3. 2-sprays of amino acid (Tecamin Max).
4. Guidance and supervision of Jaffer Agro service.

Main Learning & Plans for Future

S. No	Main Learning	Future Plans
01	He used Nutraful fertilizer in 5-acre Wheat in 2017-18 & got higher yield of 09 mounds per acre in Nutraful crop Verses standard fertilizer Wheat crop.	Due to increase 9 mounds in Wheat crop He convinced to use Nutraful fertilizer in 550 acres Cotton crop & got 30 mounds per acre yield verses below 20 mounds per acre yield of his nearby fallow farmers of his area.
02	Due to Nutraful Fertilizer use healthy crop, more no of bolls & boll size & yield increase as compared to fallow Farmers of his area yield below 20-mounds (used Classical Fertilizer) & He got 30-mounds per acre with Nutraful Fertilizer. (Nutraful DAP 1.5 Bags + SOP 01-bag + Nutraful Urea 2-bags)	Due to increase in yield & quality of Cotton Seed He has convinced to use Nutraful Fertilizer on all acres of Wheat now.
03	By using Nutraful Fertilizers cotton plant remain healthy and green till end. No stunted growth observed. Nutraful Crop Tolerate biotic and abiotic stresses. Less shedding of squares, flowers. While using classical fertilizers stunted growth observed, Fruit shedding and stresses also observed.	Farmer is highly satisfied by Nutraful Fertilizers and motivated to use Nutraful Fertilizers in all crops in future.
04	More Profit margin using Nutraful Fertilizer.	High Profit rate make Nutraful as first choice in future.

Soil Analysis Report:

engro fertilizers

SOIL ANALYSIS REPORT

Main Ahsan Latika
Haroonabad

Date of sample rec: 7-May-18
Date of Analysis: 22-May-18
Sample received by: ASOQ Bahawalnagar
Zone: Bahawalpur

Lab Number	Field #	Texture	pH	Electrical Conductivity (dS/m)	Available Phosphorus (P) (ppm)		Available Potassium (K) (ppm)		Soluble & Exch. Na (meq/L)	Soluble Ca + Mg (meq/L)	Sodium Adsorption Ratio (SAR)	Gypsum Requirement (Bags/Acre)
					Normal <4.0 Saline >4.0	Poor <7.0 Medium 7-13 Satisfactory >13	Poor <125 Medium 125-250 Satisfactory >250					
1321	13/33	Loam	8.1	1.4	5.0	180	6	15	2.2	-	13/33	
1322	3/40	Loam	8.1	1.4	4.9	180	7	10	3.3	-	3/40	
1323	23/51	Loam	7.9	1.7	13.9	120	6	18	2.0	-	23/51	
1324	17/40	Loam	8.4	1.3	3.7	30	6	20	1.9	-	17/40	
1325	14/42	Loam	8.1	1.4	5.7	30	20	13	7.7	-	14/42	
1326	13/51	Loam	8.1	1.3	8.6	180	7	18	2.5	-	13/51	
1327	3/52	Loam	8.1	1.2	13.8	120	5	20	1.6	-	3/52	
1328	3/43	Loam	8.1	1.5	6.4	120	7	15	2.6	-	3/43	
1329	17/52	Loam	8.3	1.3	8.0	30	6	10	2.7	-	17/52	
1330	23/23	Loam	8.0	1.4	10.3	30	6	15	2.2	-	23/23	
1331	3/31	Loam	8.4	1.6	4.7	120	6	18	2.0	-	3/31	
1332	17/21	Loam	8.1	1.6	6.9	120	7	20	2.3	-	17/21	
1333	17/15	Loam	8.0	3.1	3.0	180	13	27	3.4	-	17/15	
1334	17/23	Loam	8.0	1.7	5.1	120	7	20	2.3	-	17/23	
1335	7/15	Loam	8.4	1.7	4.6	120	7	18	2.3	-	7/15	
1336	17/31	Loam	8.1	1.7	12.0	160	7	15	2.6	-	17/31	
1337	17/14	Loam	7.9	2.5	6.6	160	10	22	3.1	-	17/14	
1338	3/23	Loam	8.4	1.7	6.7	120	5	18	2.8	-	3/23	
1339	3/21	Loam	8.5	1.5	4.0	120	6	20	1.9	-	3/21	
1340	17/22	Loam	8.4	1.4	7.1	120	7	13	2.9	-	17/22	
1341	3/22	Loam	8.1	1.4	7.8	200	9	16	3.0	-	3/22	
1342	3/14	Loam	8.2	1.7	5.9	180	9	20	2.6	-	3/14	

Rashid Mahmood
Lab Chemist

Farm Pictures



Nutraful cotton Plot at maturity



Nutraful cotton plot at maturity



Jaffer Agro Services Management inspecting cotton crop at Mian Imtiaz Lalika field.



Jaffer Agro Services Management at cotton field of Mian Imtiaz Lalika.