



AYP FARMS

HARVESTING NATURE'S BEST





About us:

The Conventional Agriculture was the only business to earn bread and butter in our business for centuries. Since 2008 we started modern farming specifically off-season vegetables in tunnels. In 2016 we started growing and exporting fruits and vegetables from Uganda and Kenya.





We have been working on avocados, macadamia, vanilla beans, and passion fruit.

Sweet potato French beans peas and sugar snaps were our main exports from Africa to the Middle East and the Western world.

In 2020, we came into garlic growing business with one-acre experimentation. This very year we have expanded our farm to 123 acres in Sheikhupura and planning to expand it to 250 acres next year.



We have prepared its powder, paste, and flakes so far. We are working on making silage of garlic leaf for goats and other dairy animals as it's a great source of antibiotics



Powder



Paste



Flakes

We have our processing plant where advanced machineries are installed to meet international standards to produce maximum range of value-added products of garlic.





Our Mission:

The mission of AYP Farm is to support agricultural practitioners in optimizing their Garlic NARC GI enterprises, enhancing both productivity and profitability while concurrently mitigating reliance on foreign reserves allocated towards Garlic NARC GI imports.



We aim to provide top-quality genuine NARC GI Garlic Seed across Pakistan and train new and experienced farmers. We also offer consultancy services to grow and manage GI Garlic farms, providing end-to-end crop advisory and assisting farmers in marketing their products.



Our Vision:

The vision of NARC Garlic GI is to revolutionize garlic production in Pakistan by providing farmers with a high-yielding, disease-resistant garlic variety. The company aims to save precious foreign reserves currently spent on garlic imports and to empower struggling farmers to enhance their garlic businesses.



Our Aim:

The company's efforts are geared towards promoting agricultural research and innovation, enhancing per-acre yields, and shortening crop durations to resolve economic turmoil and food shortages in the country

Our Services:

Our consultancy services cater to growers, overseeing the management of GI Garlic farms. We provide comprehensive crop advisory and support farmers in effectively marketing their produce.



NARC GI GARLIC

YOUR HEALTH BOOSTER



NARC G1 garlic is known for its exceptional quality, robust flavor, and impressive bulb size, making it a sought-after choice for both domestic consumption and export purposes.

Premium Quality

Higher Yields

NARC G1 garlic has the potential for higher yields, meaning more garlic bulbs per unit of land, translating to increased profits for farmers.

NARC G1 garlic has a heavier average bulb weight, resulting in larger overall yields

High Bulb Weight

Disease Resistance

NARC G1 garlic is bred to resist common diseases that can affect garlic crops, reducing the need for excessive pesticide use and making it a more environmentally friendly choice.

Our Unique Features

Each clove of NARC G1 garlic tends to be heavier than those found in other garlic types.

Single Clove Weight

Adaptability

NARC G1 garlic shows adaptability to a wide range of climates and soil types, making it suitable for farming in different regions of Pakistan.

NARC G1 garlic cloves are wider, contributing to their increased bulkiness.

Clove Width

Economic Benefits

Due to its popularity and favorable traits, growing NARC G1 garlic could provide economic opportunities for farmers who choose to sell their harvests.

Traits of Garlic:







NARC-G1



**GARLIC GULABI
(CHECK)**

Ash%	0.83	1.28
Moisture%	70.65	63.62
Fat%	0.16	0.5
Fiber%	1.10	0.79
Magnesium Ppm	212.42	183.84
Maganese Ppm	2.46	2.31
Copper	2.51	1.43
Zinc	12.77	12.58
Iron	7.99	3.89
Bulb Weight (g)	187.42	32.43
Bulb Width(cm)	6.01	4.54
Bulb Width(cm)	6.98	3.31

Comparitive Analysis:

Garlic Cultivators	Components	Retention Time (min)	Recovery ($\mu\text{g}\cdot\text{mg}\cdot\text{l}$)
Italian 	Allicin	5.23	0.0110
		5.28	0.0111
		5.31	0.0122
		Mean = 0.011 ± 0.0006	
Desi Gulabi 	Allicin	5.32	2.921
		5.31	2.928
		5.28	2.955
		Mean = 2.9 ± 0.017	
Chinese 	Allicin	5.33	1.822
		5.33	1.799
		5.38	1.813
		Mean = 1.811 ± 0.011	
NARC-G1 	Allicin	5.22	4.823
		5.21	4.820
		5.25	4.821
		Mean = 4.821 ± 0.01	



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