

Twin “N” in Okra

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Okra Trial Season 2023

- Coachella Valley
- Located Avenue 62 and Pierce St., Thermal CA 92274
- Farm: Punjab Farms
- Trial Size: 6 Acres.
- Trial dimension: Standard dimension per block or valve in acres for each treatment



Okra Trial Season 2023

Commercial Trial in Okra

Response to Twin"N" Fertilizer (Microbial Bio-fertilizer) as a fixer of Atmospheric Nitrogen to improve Nitrogenous compounds immediately available for the plant.

Application Protocol:

* Regular Fertilizer Program with 25% Organic Nitrogen reduction Plus Twin"N".

Apply Twin"N" 6 weeks after Seedling.
(April-18-2023)

Apply Twin"N" 12 weeks after Seedling.
(May 29-2023)

Okra Trial Season 2023

- *Control: Regular fertilizer program by the Grower.
- ** Collected yield data after harvest:
 - Fruit samples to see the uniformity.
 - Grade of quality and Size.
 - Harvest weight for each block.

Okra Trial

Soil and tissue analysis along with grade, size, weight samples per
The crop showing better color, sizes and harvest weight for each block the control.



Control



Twin "N"

Okra Trial Season 2023

- Application Date: April 18/2023 & May 29-2023





Okra Trial Season
2023





Okra Harvest Report Season-2023 Blk-2A VS Blk-2B

		Boxes 15 Lbs.	96 Boxes/Pallet 15 Lbs.	Total Pounds
1st Pic	Blk.-2A Control	236	2.5	580.2
	Blk.-2B Twin "N"	325	3.4	1100.3
2nd Pic	Blk.-2A Control	310	3.2	1001.0
	Blk.-2B Twin "N"	356	3.7	1320.2
3rd Pic	Blk.-2A Control	268	3.0	804.0
	Blk.-2B Twin "N"	480	5.0	2400.0
	Blk.-2A Control	814	8.48	41%
	Blk.-2B Twin "N"	1161	12.09	59%
		1975	20.57	100%

Blk.-2B Twin "N"

18%

Increase Yields

Cost - Benefit

- the cost of Okra per box was \$ 26 per box. 1 box is 15 lbs.
- Control: 814 Boxes (15 Lb)
= \$ 12,210.00
- Twin"N": 1,161 Boxes (15 Lb) = \$17,415.00
- **Profit: \$ 5,205.00**



