

Overall Results - Broccoli Trial 2023

	Development				Result
	Broccoli Head		Leaves		Yield
	Diameter (in)	Weight (g)	Height (cm)	Diameter (cm)	(kg/5000 m ²)
Control	7.4	546.6	32.3	70.7	5796
KPCB	7.4	626.6	34.3	79.2	6056
Gain	0%	14.6%	6%	12.0%	4.5%

Time:

Sowing date: November 15, 2022

Transplant date: December 10, 2022

Harvest date: March 31 – April 16, 2023

Place:

Institute: Trust Funds for Rural Development (FIRA) of Mexico's federal government

Location: Technology Development Center Villadiego, Valle de Santiago, Gto., Mexico

Form:

Crop type: Broccoli

Variety: Super Diamante

Area per treatment: 5,000 m²

Irrigation: Drip

Results:

Development: leaves (2/21/2023) were 6.2% higher and provided 12% bigger leaf coverage for photosynthesis.

YIELD: With same 7.4" diameter of broccoli heads, average head WEIGHT was 14.64% heavier in KPCB plants (626.6 gram vs. 546.6 gram in Control plants).

YIELD: KPCB produced 14.4% more tonnage overall - 1.9 tons extra yield per hectare.