

## Quantum Growth



Beneficial Soil and Plant Microbial Inoculants

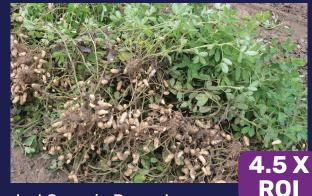


Control Quantum-RC (price at \$14.74 per bu) 2022 FBN NE Trial

9.6 X ROI

# **PEANUTS** Control w/inoculant Quantum

**Dryland Peanuts** Treated 64 oz/acre in furrow (\$8/ac product cost) + 113.4 lbs/ac valued at \$32.55 (price at \$560 per ton; \$9.09 per grade point) 2022 FBN AR Trial



**Irrigated Organic Peanuts** Treated 64 oz/acre in furrow (\$10/ac product cost) + 309 lbs/ac valued at \$89.63 2021 NMSU NM Trial

# **CORN** Control

Irrigated Corn Treated 64 oz/acre in furrow (\$8/ac product cost) + 4.8 bu/ac valued @ \$31.92 (price at \$6.65 per bu) 2021 NC CRO Trial

	Cut 1	Cut 2	Cut 3	Cut 4	Total	% Change
Block 1	NO	14,320	16,453	14,100	44,873	
Block 2	X	21,140*	18,675	15,190	55,005	23%
Block 3	X	14,250	13,152	14,110	41,512	
Block 4	X	15,125	14,512	16,510	46,147	11%

**ALFALFA** 

**Dryland Alfalfa** Treated 178 oz/ac total (\$22.40 product cost) + 5.1 tons/ac valued @ \$586.50 (valued at \$115 per ton) Independent CA Grower



**Dryland Cotton** 

Quantum-RC Treated 1 gal/ac w/ 50% N (\$16 product cost)

+ 374 lbs/ac valued @ \$321.64 (price at \$0.86 per lb) Independent CA Grower

20 X ROI

Plot	Quantum Grouth	NH <sub>3</sub> units/acre	% NH <sub>3</sub> reduction	Cost Sav per acre	Yield lbs.	% Yield increase
1	None	250	0	0	5274	0
2	1 gal/acre	130	48%	\$71.71	5280	0.11%
3	1 gal/acre	120	52%	\$77.69	5334	1.14%
4	1 gal/acre	102	59%	\$88.71	5488	4.06%
5	1 gal/acre	90	64%	\$95.62	5648	7.09%

## **Product Selection by Crop**

	Quantum-RC	Quantum Peanod
Soybean	Optimal	Effective
Peanut	Effective	Optimal
Corn	Optimal	Effective
Alfafa	Optimal	Effective
Cotton	Optimal	Effective

Available in 2.5 & 275 gal totes

## Storage, Tank Mix & Application FAQs

Tank Mix pH Tolerance: 7 to	8 = optimal, 5	to 9 = okay, <5	or >9 marginal	to poor
Tank Mix Compatible with:	Dual II	Gramaxone	Princep	Trimec
	Enlist One	Movento	Prowl H20	Zidua
	Glufosinate	Mustang	Pursuit	Zenith

Tank Mix Instructions: add the Quantum products last and apply within 0 to 12 hrs. Watering Requirements: min 10 gallons of water (broadcast), 3-5 gals in furrow, no max amt. Use only non-chlorinated water

Handling: Does not require special PPE nor are there any re-entry restrictions Storage: Do not freeze and keep core temperature of container <110° F