Quantum Growth

Beneficial Soil and Plant Microbial Inoculants



Quantum-RC

Control

2022 FBN NE Trial

9.6 X ROI

PEANUTS



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

ALFALFA



9	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	×	15,125	14,512	16,510	46,147	11%

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

COTTON



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 ₃ units/acre	% NH ₃ 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 Peoned
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 Trimec Gramaxone Princep **Enlist One** Prowl H20 Zidua Movento 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

