

NATURE'S
SOURCE®



ROMAINE LETTUCE TRIAL

Nature's Source Organic Plant Food 3-1-1

MAIN OBJECTIVE

To evaluate the effect of Nature's Source Organic Plant Food 3-1-1 on romaine lettuce alone and in combination with AN-20 as part of a sound fertilization program



TREATMENTS

- A) Nature's Source Organic Plant Food 3-1-1
- B) Nature's Source Organic Plant Food 3-1-1
+ AN-20
- C) CONTROL (Grower Standard: AN-20)



ADDITIONAL NOTES

- All Treatments received the same Pre-Plant fertilization
- All Treatments received AN-20 & CAN-17 thru the Sprinklers after the first plant thinning
- All IPM & Cultural Practices were the same for all Treatments



TREATMENTS

TREATMENT	PRODUCTS	RATE/ACRE GPA	TIME OF APPLICATION	APPLICATION METHOD
A	Nature's Source Organic Plant Food 3-1-1	3	<i>AFTER THINNING WITH 1st SIDE DRESS</i>	SOIL INJECTION
B	Nature's Source Organic Plant Food 3-1-1 + AN-20	30 3	<i>AFTER THINNING WITH 1st SIDE DRESS</i>	SOIL INJECTION
C	CONTROL (Grower Standard: AN-20)	30	<i>AFTER THINNING WITH 1st SIDE DRESS</i>	SOIL INJECTION



TREATMENT/COST

TREATMENT	PRODUCTS	RATE/ACRE GPA	COST/GALLON \$\$\$	COST/ACRE \$\$\$
A	Nature's Source Organic Plant Food 3-1-1	3	\$14	\$42
B	Nature's Source Organic Plant Food 3-1-1 + AN-20	3	\$14	\$92
		30	\$1.67	
C	CONTROL (Grower Standard: AN-20)	30	\$1.67	\$50



YIELD DATA/RESULTS

TREATMENT	PRODUCTS	YIELD/ACRE CARTONS	REVENUE/ACRE \$\$\$
A	Nature's Source Organic Plant Food 3-1-1	1035	\$11,385.00
B	Nature's Source Organic Plant Food 3-1-1 + AN-20	1050	\$11,550.00
C	CONTROL (Grower Standard: AN-20)	925	\$10,175.00
	DIFF. - A vs. C	110	\$1,210.00
	DIFF. - B vs. C	125	\$1,375.00



ROI

TREATMENT	PRODUCTS	INCREASE REVENUE/ACRE \$\$\$	TREATMENT COST \$\$\$	ROI
A	Nature's Source Organic Plant Food 3-1-1	\$1,210.00	\$42	\$1,168.00
B	Nature's Source Organic Plant Food 3-1-1 + AN-20	\$1,375.00	\$92	\$1,283.00
C	CONTROL (Grower Standard: AN-20)	-000-	\$50	-000-



CONCLUSIONS

- Nature's Source Organic Plant Food 3-1-1 + AN-20 was the best treatment; therefore we can conclude that the combination of both products works very well without any antagonistic effects
- The Second best treatment was the Nature's Source Organic Plant Food 3-1-1 product alone; it should be considered for future plantings
- The ROI is very favorable for both Treatment A & Treatment B



Nature's Source Organic Plant Food 3-1-1

can help in reducing Nitrogen fertilization and prevent Nitrate contamination of the aquifer



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