

# ISM Biofertil N 2024 Raspberry-Blueberry Trial Yield Salinas, CA (Reiter Berry Farms)



## Objective:

This is the second year of research with ISM organic fertilizers, using raspberry and blackberry varieties during the previous two years, for a total of two years. We are comparing the grower's standard program with ISM organic fertilizers. We can demonstrate the effectiveness and efficiency of our products by comparing them with the grower's standard and maintain yields despite applying fewer gallons of fertilizer per acre than the grower's standard.

Fertilizer Evaluations in Raspberry and Blackberry Salinas, CA, 2023-2024  
2024 Application Dates (fertilizer rates per acre)

Treatment Number	Yiel Summary			Economic Summary		
	Fertilizer	Total Gallons	Lbs per acre	2022-2023	3 year Avg.	lbs./ac +-
S37TR01	Big red (13-0-0)	129	210	440	598	158
S37TR02						
S37TR03						
S87TR01	ISM Biofertil N	98	266	*536	723	187
S87TR02						
S87TR03						
S49TR02	True (1-4-09)	117	197	367	545	178
S49TR03						
S49TR04						

\* Rate two years

## Conclusions:

ISM organic fertilizer achieved yield results higher than the grower's standard program, using less than 15% of the actual nutrients applied to the crop.

- The efficacy and efficiency of ISM Biofertil N exceed California Organic (13-0-0) and True Organic (3-1-0).
- Over the three years of this trial, ISM Biofertil N outperformed the grower's standard program by an average of 598 lbs per acre, totaling 6960 lbs of fruit during the trial.
- Growers have reduced nutrition in recent years due to cost-cutting measures, but our data shows that when using a full program, yields are much higher than this year's grower average, averaging 690 lbs per acre.

Experiment Info	
Planted:	08-08-24
Harvested:	12-01-24
Yield Goal:	6000 lb
Variety:	San Rafael
Pop:	3000 plants/ac
Row	45"-55"
Width	
Prev. Crop:	Blueberry
Plot Size:	25 Acre
Reps:	2

Soil Test (ppm)	
pH:	6.6
CEC:	8.9
%OM:	2
Bray P1	33
Bicarb. P:	0
K:	46
S:	10
%K	1.3
%Mg	16.9
%Ca	75.3
%H:	5.9
Zn:	1.9
Mn:	3
B:	0.4