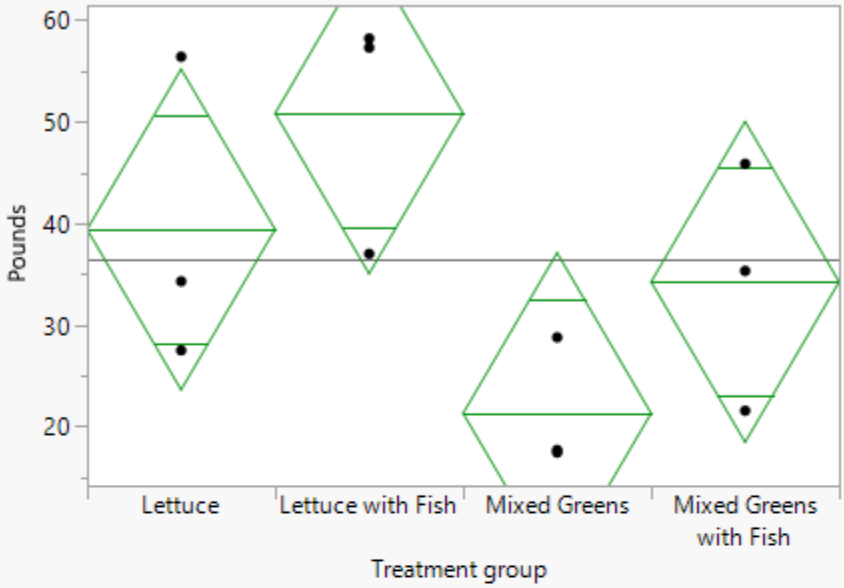
Lettuce with and without fish and Mixed Greens with and without fish (totals) 2026

Stats analysis – no statistical difference but pattern is apparent

Oneway Analysis of Pounds By Treatment group



Oneway Anova

Summary of Fit

Rsquare	0.545354
Adj Rsquare	0.374862
Root Mean Square Error	11.85775
Mean of Response	36.44667
Observations (or Sum Wgts)	12

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Treatment group	3	1349.2739	449.758	3.1987	0.0837
Error	8	1124.8496	140.606		
C. Total	11	2474.1235			

Means for Oneway Anova

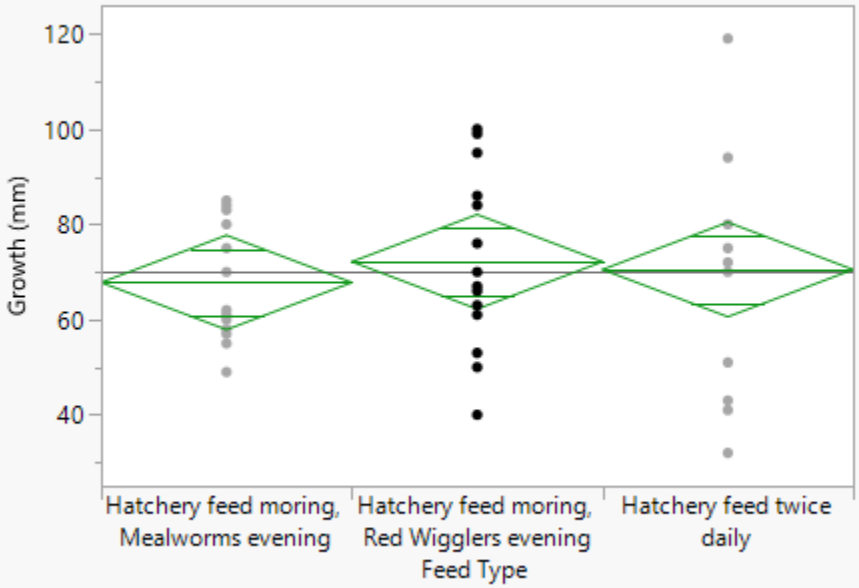
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
Lettuce	3	39.4000	6.8461	23.613	55.187
Lettuce with Fish	3	50.8333	6.8461	35.046	66.620
Mixed Greens	3	21.3067	6.8461	5.520	37.094
Mixed Greens with Fish	3	34.2467	6.8461	18.460	50.034

Std Error uses a pooled estimate of error variance

Catfish growth (mm) by feed type stats analysis 2026

No statistical difference in growth between the feed treatments

Oneway Analysis of Growth (mm) By Feed Type



Oneway Anova

Summary of Fit

Rsquare	0.010219
Adj Rsquare	-0.04054
Root Mean Square Error	18.34958
Mean of Response	70.14286
Observations (or Sum Wgts)	42

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Feed Type	2	135.571	67.786	0.2013	0.8185
Error	39	13131.571	336.707		
C. Total	41	13267.143			

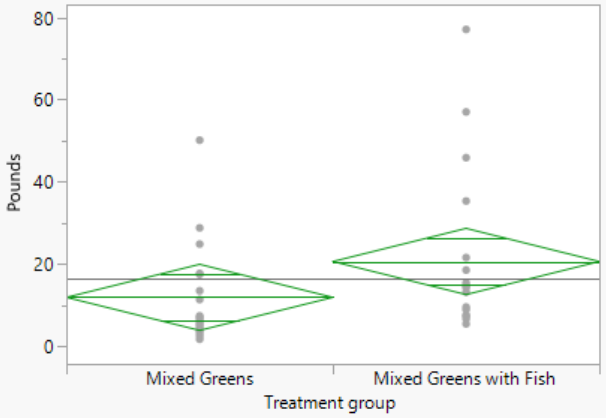
Means for Oneway Anova

Level	Number	Mean	Std Error	Lower 95%	Upper 95%
Hatchery feed moring, Mealworms evening	14	67.7857	4.9041	57.866	77.705
Hatchery feed moring, Red Wigglers evening	14	72.1429	4.9041	62.223	82.062
Hatchery feed twice daily	14	70.5000	4.9041	60.580	80.420

Std Error uses a pooled estimate of error variance

Both years combined analysis for mixed greens (still no statistical difference – but closer)

Oneway Analysis of Pounds By Treatment group



Oneway Anova

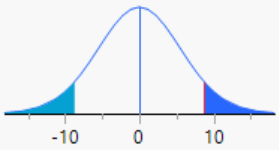
Summary of Fit

Rsquare	0.066729
Adj Rsquare	0.03928
Root Mean Square Error	16.78668
Mean of Response	16.24222
Observations (or Sum Wgts)	36

Pooled t Test

Mixed Greens with Fish-Mixed Greens
Assuming equal variances

Difference	8.724	t Ratio	1.559173
Std Err Dif	5.596	DF	34
Upper CL Dif	20.096	Prob > |t|	0.1282
Lower CL Dif	-2.647	Prob > t	0.0641
Confidence	0.95	Prob < t	0.9359



Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Treatment group	1	685.043	685.043	2.4310	0.1282
Error	34	9580.944	281.792		
C. Total	35	10265.987			

Means for Oneway Anova

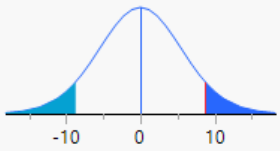
Level	Number	Mean	Std Error	Lower 95%	Upper 95%
Mixed Greens	18	11.8800	3.9567	3.839	19.921
Mixed Greens with Fish	18	20.6044	3.9567	12.564	28.645

Std Error uses a pooled estimate of error variance

t Test

Mixed Greens with Fish-Mixed Greens
Assuming unequal variances

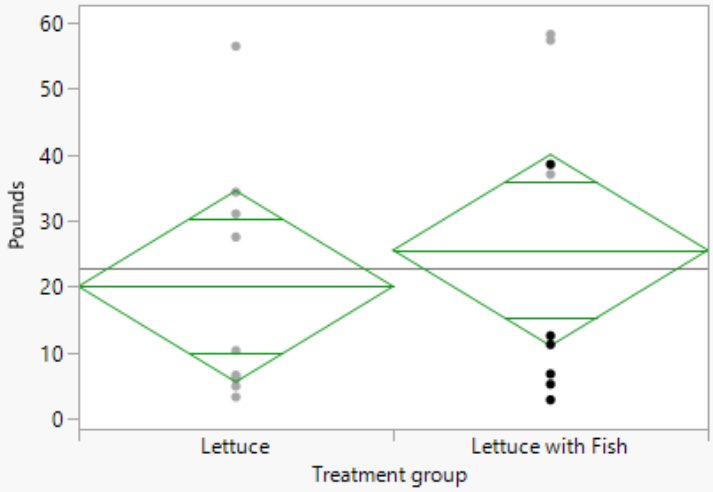
Difference	8.724	t Ratio	1.559173
Std Err Dif	5.596	DF	28.1677
Upper CL Dif	20.183	Prob > |t|	0.1301
Lower CL Dif	-2.734	Prob > t	0.0651
Confidence	0.95	Prob < t	0.9349



Missing Rows	2
Excluded Rows	22

Both years combined analysis for lettuce (still no statistical difference – but closer)

Oneway Analysis of Pounds By Treatment group



Oneway Anova

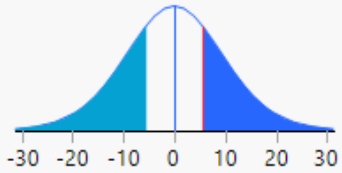
Summary of Fit

Rsquare	0.01971
Adj Rsquare	-0.04156
Root Mean Square Error	20.49139
Mean of Response	22.76278
Observations (or Sum Wgts)	18

Pooled t Test

Lettuce with Fish-Lettuce
Assuming equal variances

Difference	5.479	t Ratio	0.567188
Std Err Dif	9.660	DF	16
Upper CL Dif	25.957	Prob > |t|	0.5785
Lower CL Dif	-14.999	Prob > t	0.2892
Confidence	0.95	Prob < t	0.7108



Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Treatment group	1	135.0820	135.082	0.3217	0.5785
Error	16	6718.3527	419.897		
C. Total	17	6853.4347			

Means for Oneway Anova

Level	Number	Mean	Std Error	Lower 95%	Upper 95%
Lettuce	9	20.0233	6.8305	5.543	34.503
Lettuce with Fish	9	25.5022	6.8305	11.022	39.982

Std Error uses a pooled estimate of error variance

Missing Rows	4
Excluded Rows	38