

The REG Procedure**Model: MODEL1****Dependent Variable: WeedCount**

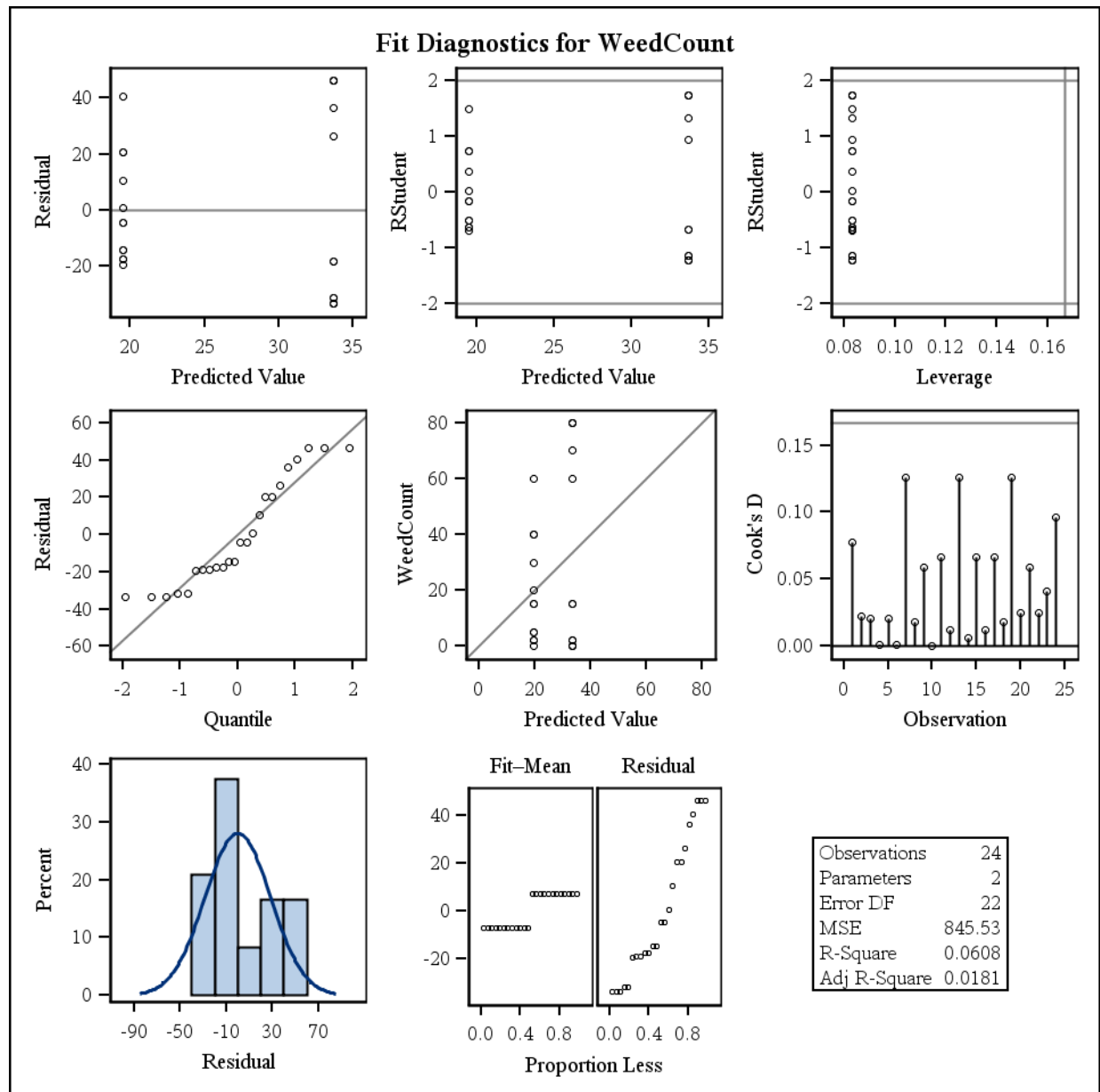
Number of Observations Read	24
Number of Observations Used	24

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	1204.16667	1204.16667	1.42	0.2454
Error	22	18602	845.53030		
Corrected Total	23	19806			

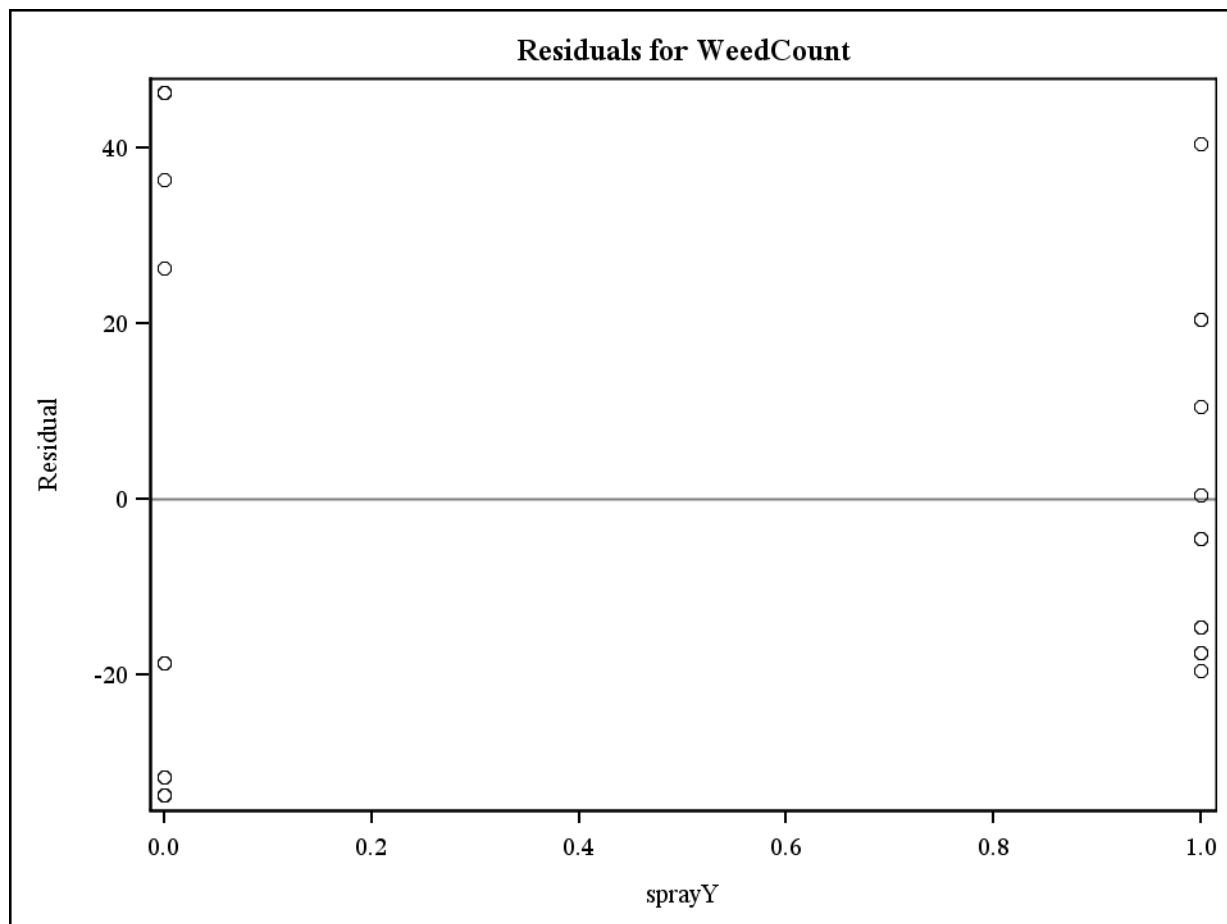
Root MSE	29.07800	R-Square	0.0608
Dependent Mean	26.58333	Adj R-Sq	0.0181
Coeff Var	109.38434		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	33.66667	8.39410	4.01	0.0006
sprayY	1	-14.16667	11.87105	-1.19	0.2454

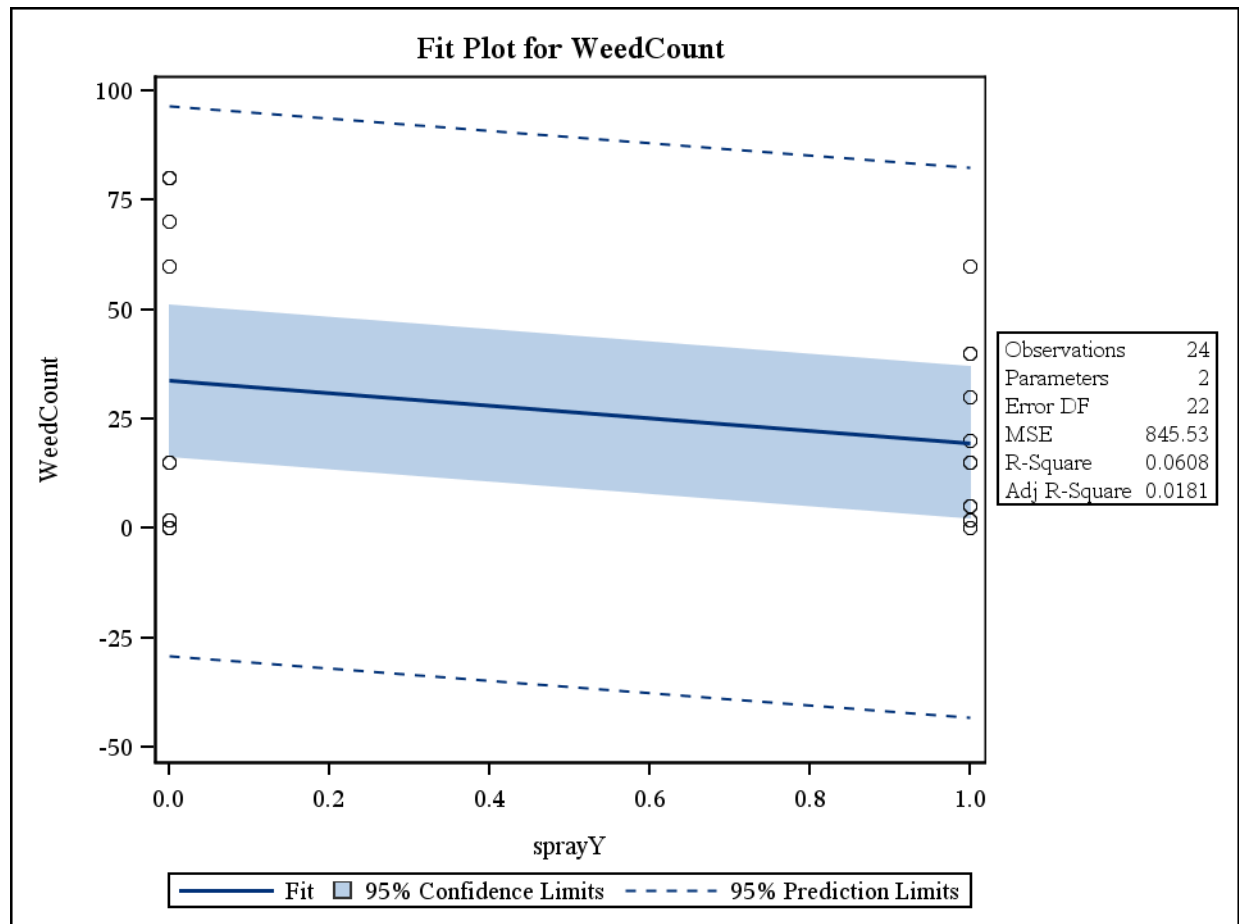
The REG Procedure
Model: MODEL1
Dependent Variable: WeedCount



The REG Procedure
Model: MODEL1
Dependent Variable: WeedCount



The REG Procedure
Model: MODEL1
Dependent Variable: WeedCount



The REG Procedure
Model: MODEL2
Dependent Variable: WeedCount

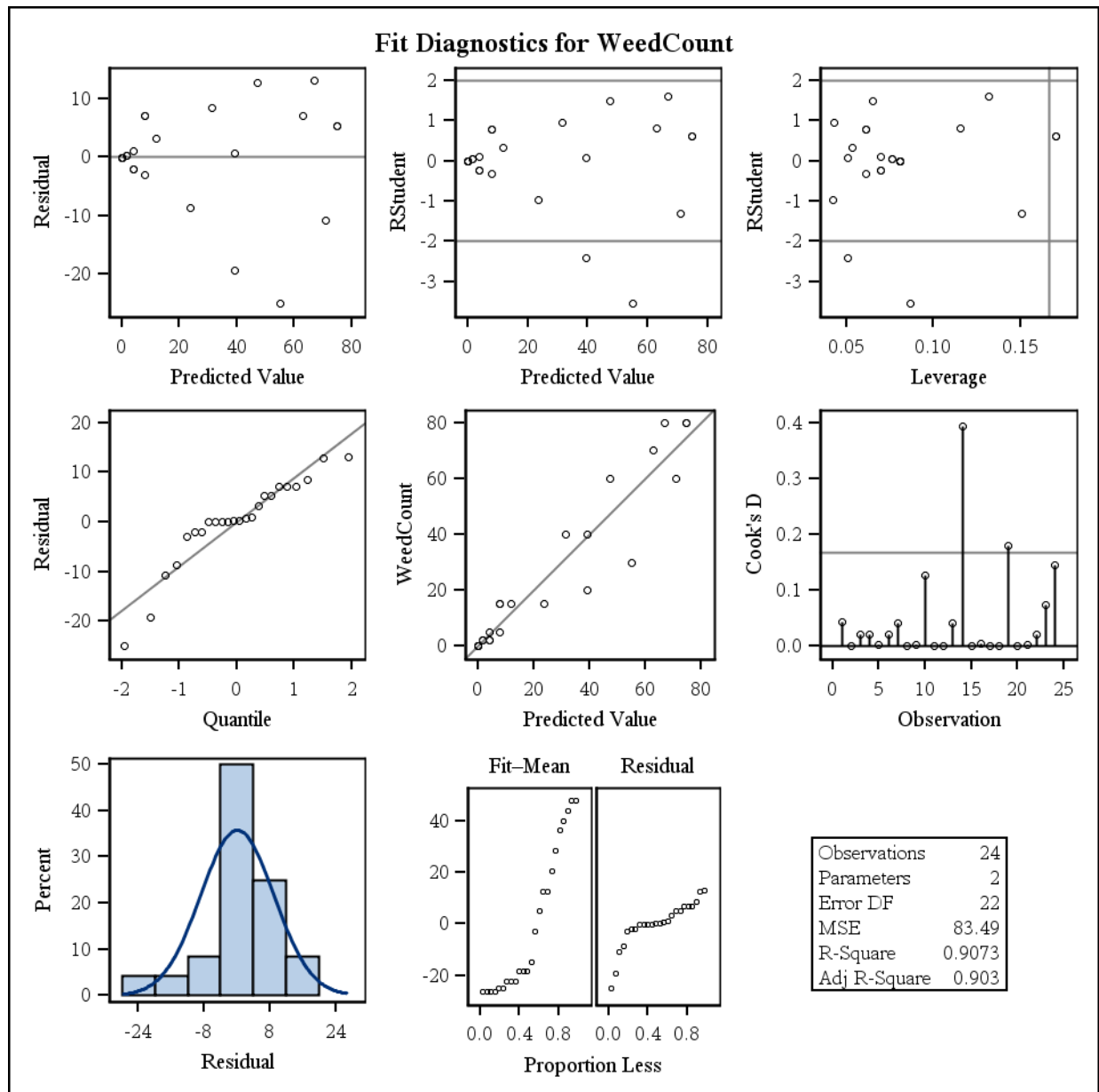
Number of Observations Read	24
Number of Observations Used	24

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	17969	17969	215.22	<.0001
Error	22	1836.78361	83.49016		
Corrected Total	23	19806			

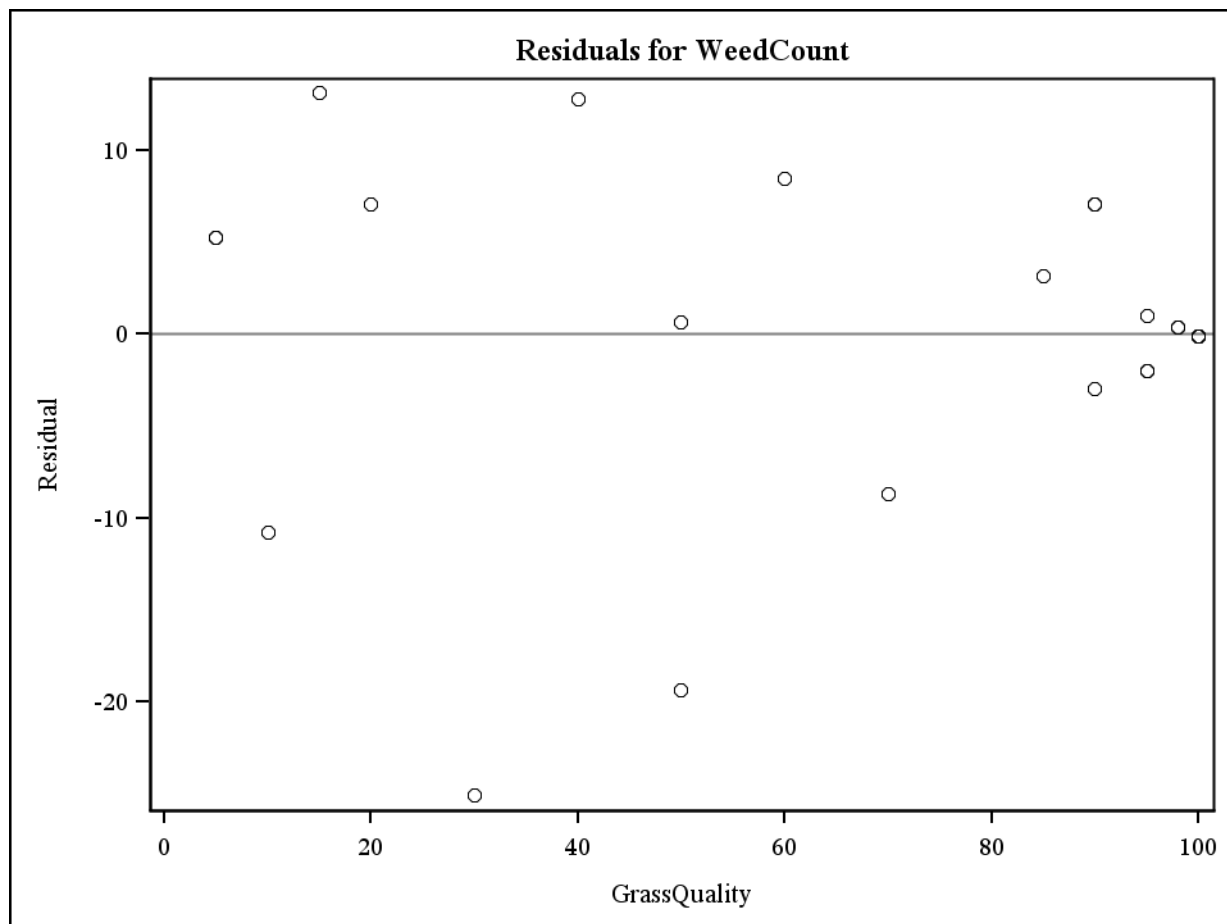
Root MSE	9.13730	R-Square	0.9073
Dependent Mean	26.58333	Adj R-Sq	0.9030
Coeff Var	34.37227		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	78.66421	4.01018	19.62	<.0001
GrassQuality	1	-0.78563	0.05355	-14.67	<.0001

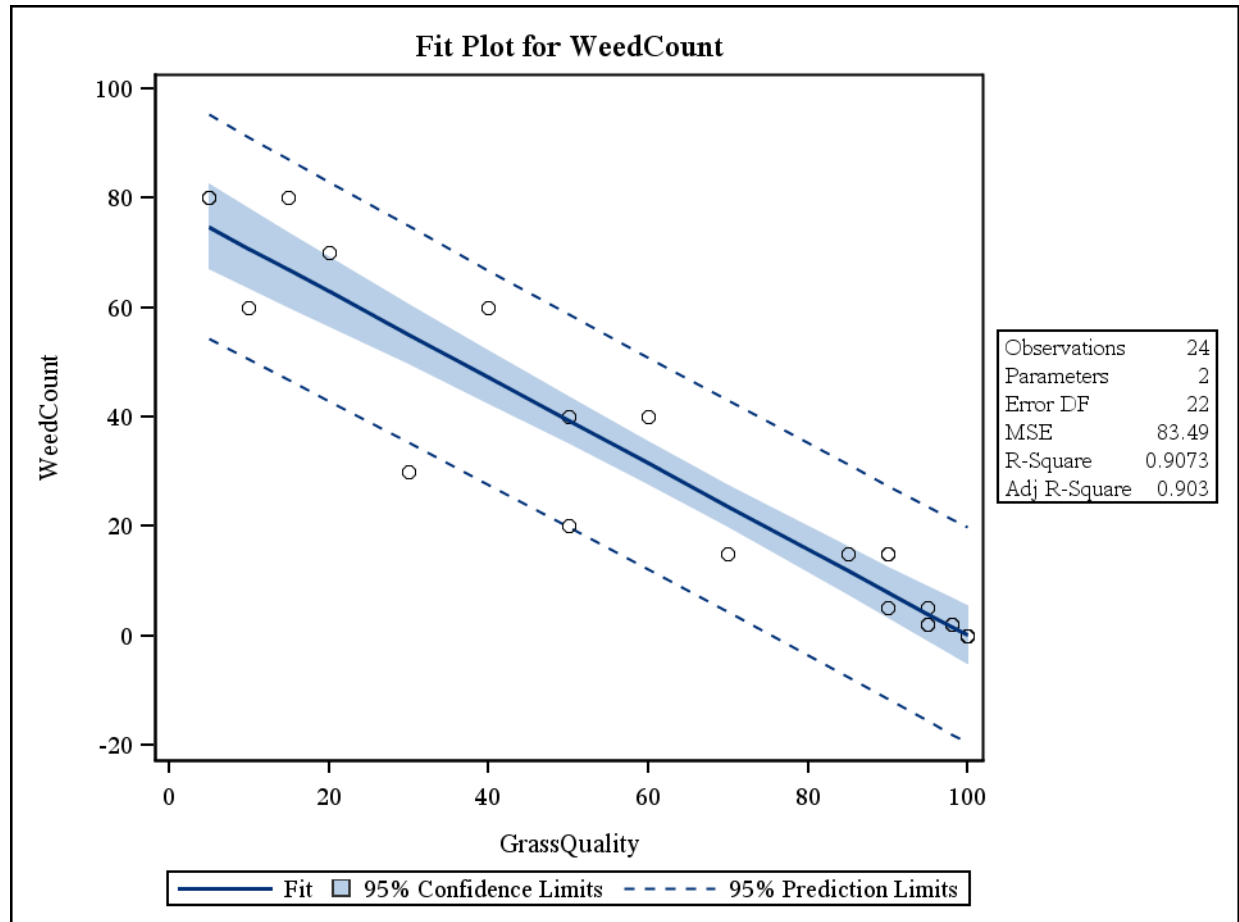
The REG Procedure
Model: MODEL2
Dependent Variable: WeedCount



The REG Procedure
Model: MODEL2
Dependent Variable: WeedCount



The REG Procedure
Model: MODEL2
Dependent Variable: WeedCount



The REG Procedure
Model: MODEL3
Dependent Variable: WeedCount

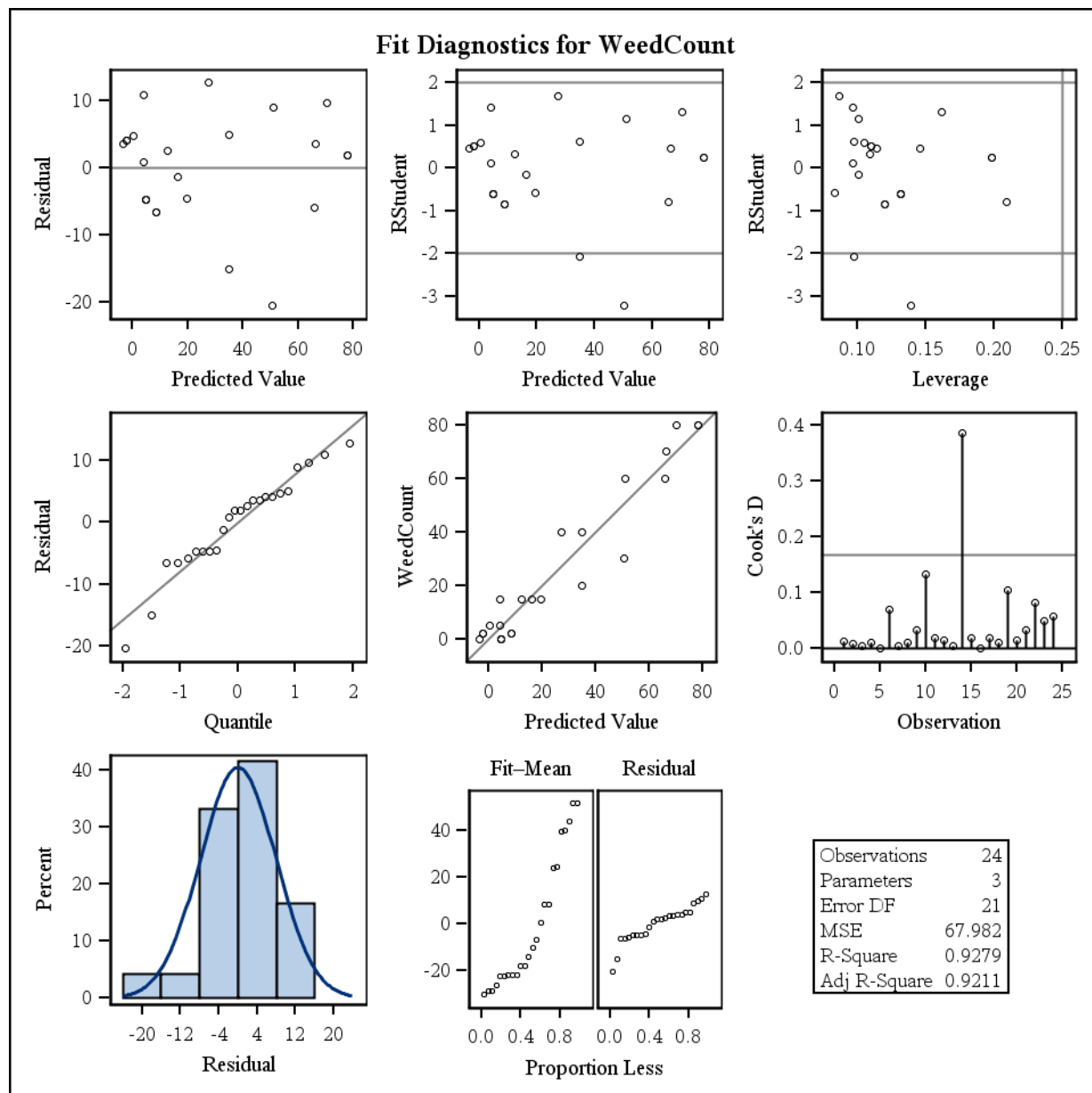
Number of Observations Read	24
Number of Observations Used	24

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	18378	9189.11037	135.17	<.0001
Error	21	1427.61260	67.98155		
Corrected Total	23	19806			

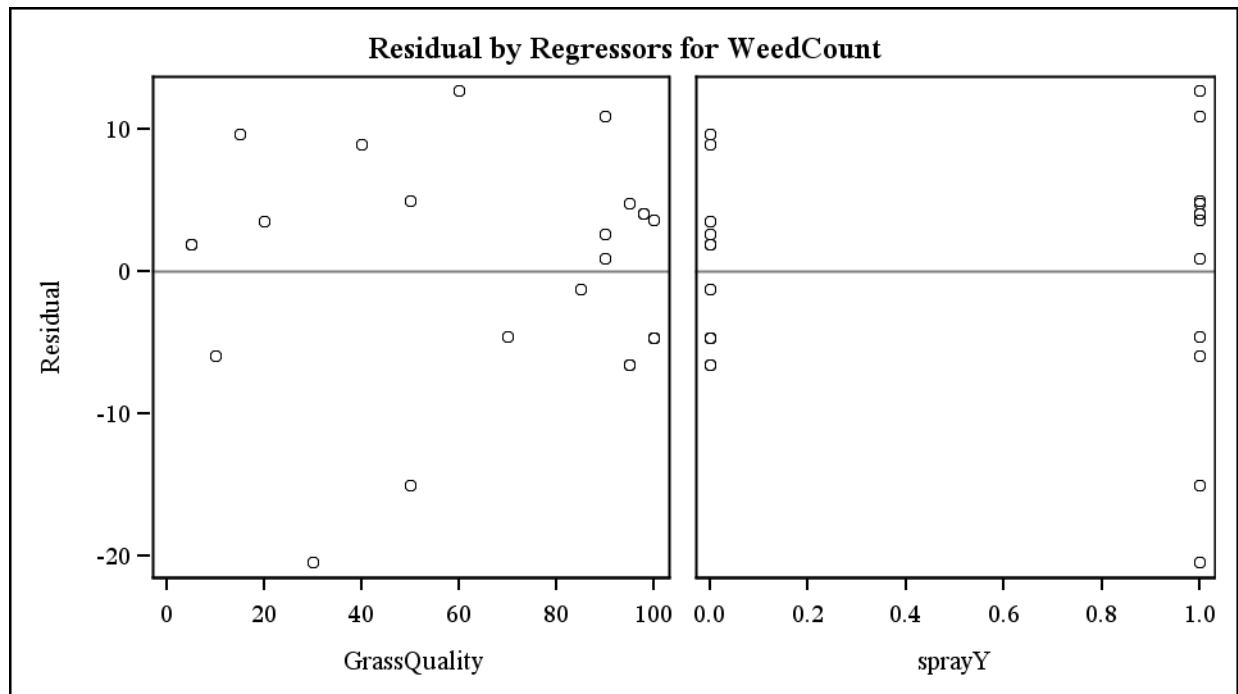
Root MSE	8.24509	R-Square	0.9279
Dependent Mean	26.58333	Adj R-Sq	0.9211
Coeff Var	31.01602		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	81.95722	3.85953	21.24	<.0001
GrassQuality	1	-0.77265	0.04861	-15.89	<.0001
sprayY	1	-8.30741	3.38617	-2.45	0.0230

The REG Procedure
Model: MODEL3
Dependent Variable: WeedCount



The REG Procedure
Model: MODEL3
Dependent Variable: WeedCount



The REG Procedure
Model: MODEL3

Test 1 Results for Dependent Variable WeedCount				
Source	DF	Mean Square	F Value	Pr > F
Numerator	1	409.17101	6.02	0.0230
Denominator	21	67.98155		

The REG Procedure
Model: MODEL4
Dependent Variable: WeedCount

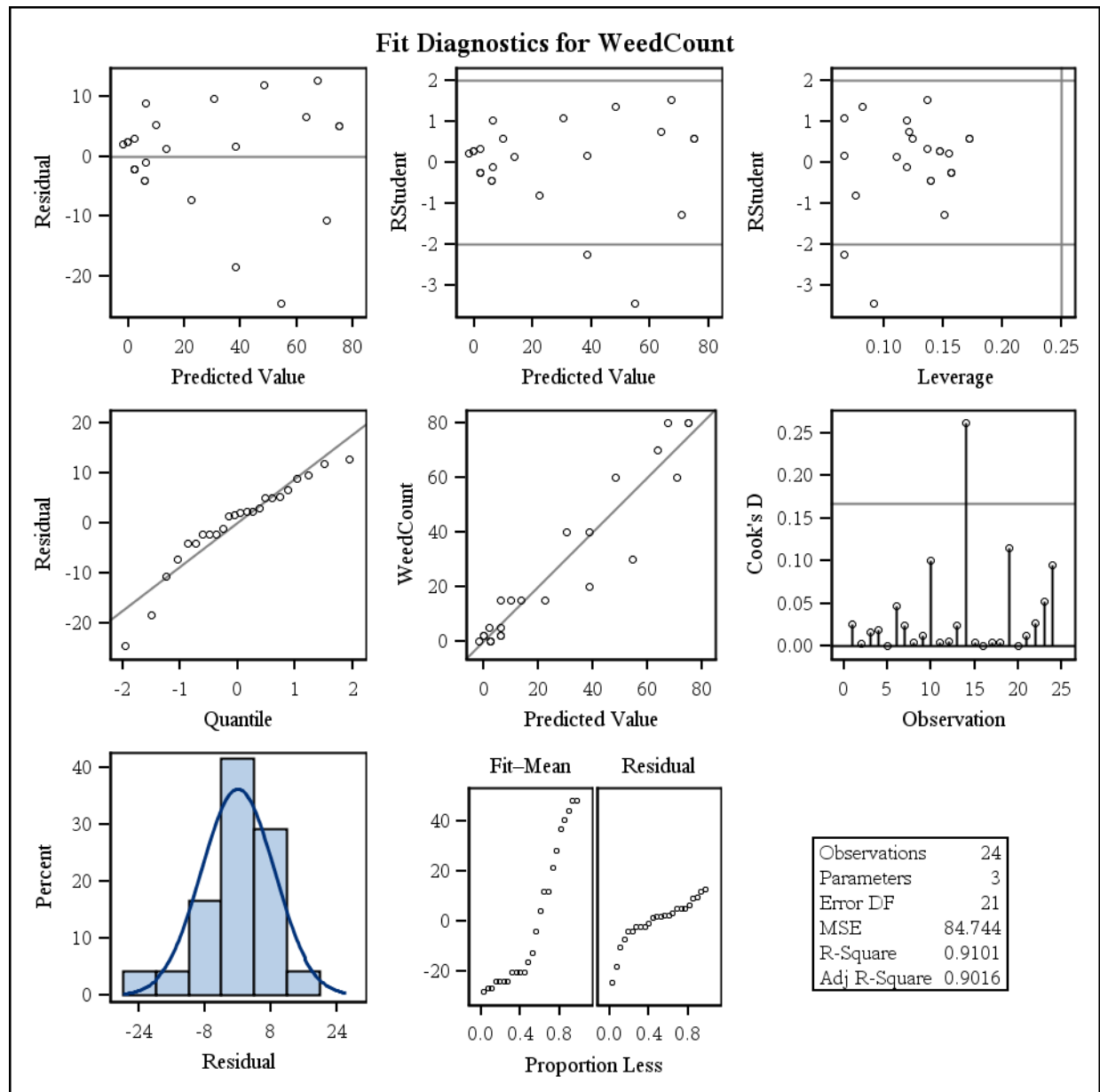
Number of Observations Read	24
Number of Observations Used	24

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	18026	9013.10212	106.36	<.0001
Error	21	1779.62909	84.74424		
Corrected Total	23	19806			

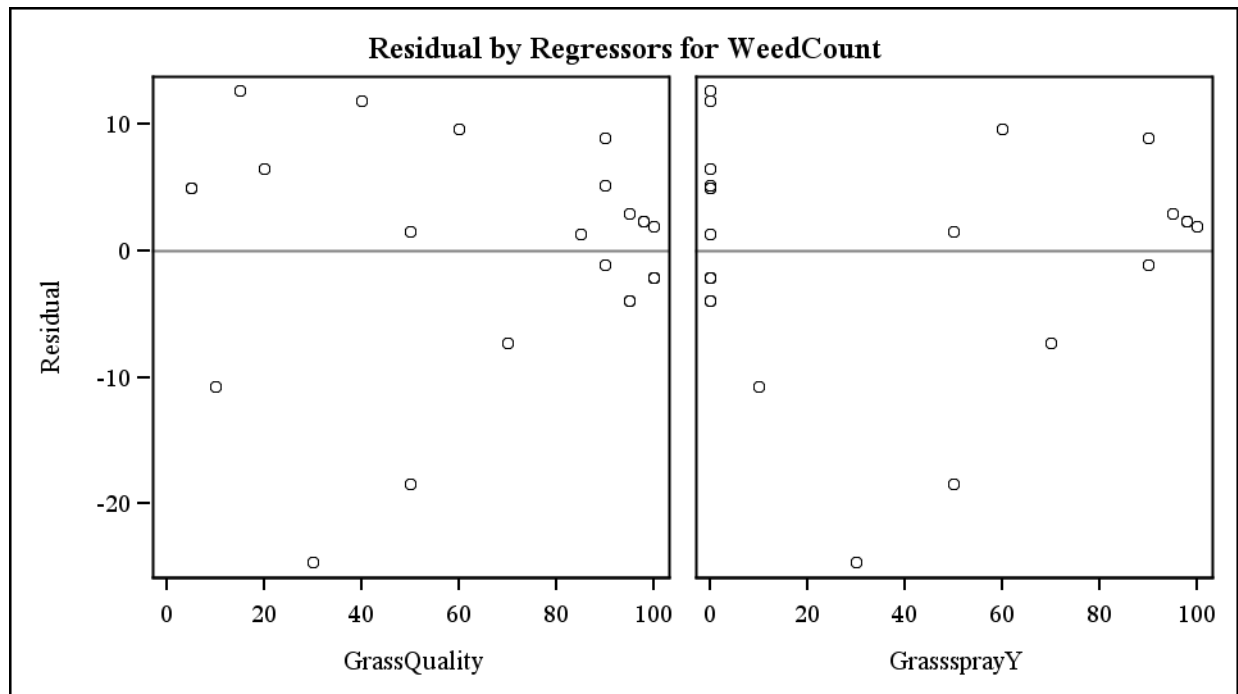
Root MSE	9.20566	R-Square	0.9101
Dependent Mean	26.58333	Adj R-Sq	0.9016
Coeff Var	34.62946		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	78.87184	4.04809	19.48	<.0001
GrassQuality	1	-0.76693	0.05856	-13.10	<.0001
GrasssprayY	1	-0.04131	0.05030	-0.82	0.4207

The REG Procedure
Model: MODEL4
Dependent Variable: WeedCount



The REG Procedure
Model: MODEL4
Dependent Variable: WeedCount



The REG Procedure
Model: MODEL5
Dependent Variable: WeedCount

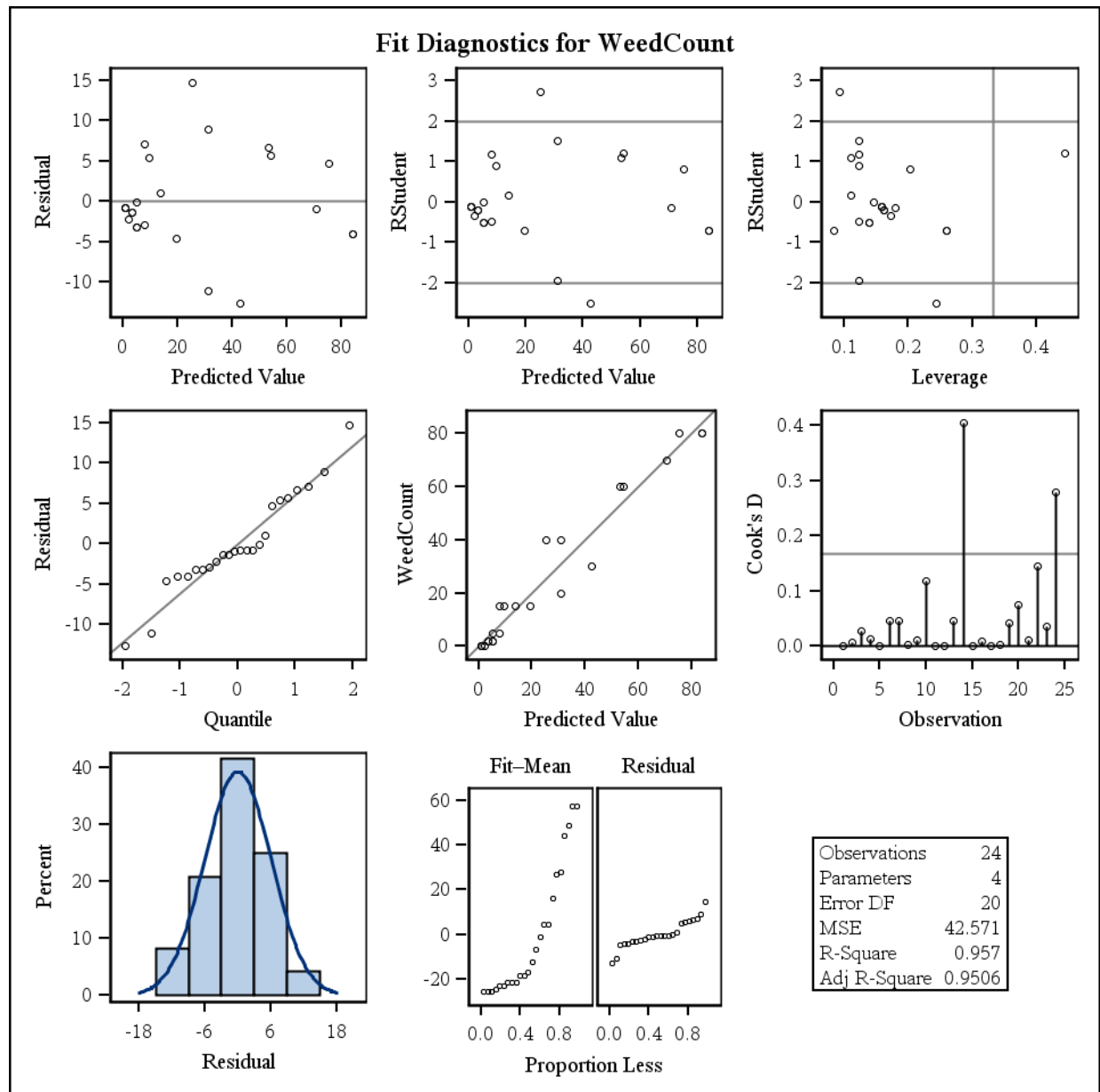
Number of Observations Read	24
Number of Observations Used	24

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	18954	6318.14108	148.42	<.0001
Error	20	851.41009	42.57050		
Corrected Total	23	19806			

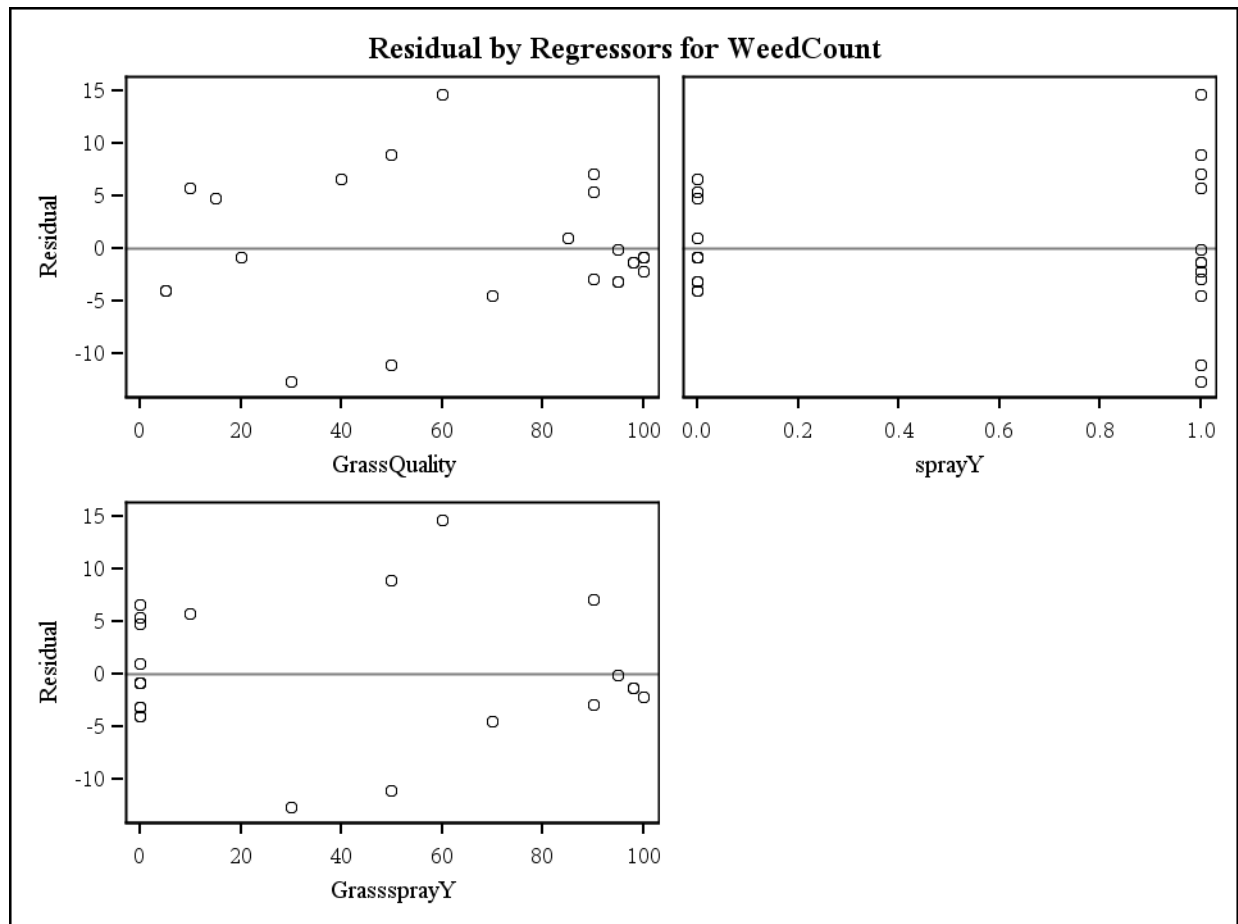
Root MSE	6.52461	R-Square	0.9570
Dependent Mean	26.58333	Adj R-Sq	0.9506
Coeff Var	24.54398		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	88.41034	3.52201	25.10	<.0001
GrassQuality	1	-0.87590	0.04762	-18.39	<.0001
sprayY	1	-28.35593	6.07258	-4.67	0.0001
GrasssprayY	1	0.29724	0.08079	3.68	0.0015

The REG Procedure
Model: MODEL5
Dependent Variable: WeedCount



The REG Procedure
Model: MODEL5
Dependent Variable: WeedCount



*The REG Procedure**Model: MODEL5*

Test 2 Results for Dependent Variable WeedCount				
Source	DF	Mean Square	F Value	Pr > F
Numerator	2	492.68676	11.57	0.0005
Denominator	20	42.57050		

The REG Procedure**Model: MODEL5**

Test 3 Results for Dependent Variable WeedCount				
Source	DF	Mean Square	F Value	Pr > F
Numerator	1	576.20250	13.54	0.0015
Denominator	20	42.57050		