

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.81	0.55	0.81	0.54	0.71	0.61

Model Results

Predicted value: 510 L/kg

Global applicability domain: Inside

Local applicability domain index: 4.41e-01

Confidence level: 5.81e-01

Nearest Neighbors from the Training Set

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Oryzalin

Measured: 2510

Predicted: 1230

[Image not found](#)

Lenacil

Measured: 138

Predicted: 162

[Image not found](#)

Norflurazon

Measured: 1910

Predicted: 987

[Image not found](#)

Nitralin

Measured: 832

Predicted: 1210

[Image not found](#)

Metalaxyl

Measured: 37.2

Predicted: 50.2