

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: 2.76 L/kg

Global applicability domain: Inside

Local applicability domain index: 5.14e-01

Confidence level: 4.65e-01

Nearest Neighbors from the Training Set

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Monocrotophos

Measured: 1.00

Predicted: 2.76

[Image not found](#)

Asulam

Measured: 39.8

Predicted: 38.8

[Image not found](#)

Cymoxanil

Measured: 123

Predicted: 72.0

[Image not found](#)

Glufosinate-ammonium

Measured: 427

Predicted: 194

[Image not found](#)

Aldoxycarb

Measured: 2.63

Predicted: 5.32