

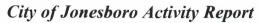
Jonesboro, AR

Prepared by: Vector Disease Control 2221 North Church Jonesboro, AR 72401

www.vdci.net Office: 870-933-6939

Global Leaders in Mosquito Control







Mosquito Surveillance and Control Report

September / October 2025

Vector Disease Control, Inc. (VDCI) provides a proven, scientific approach to mosquito control for the City of Jonesboro. VDCI's operations include larval and adult mosquito surveillance followed by the application of larvicides and adulticides.

Mosquito Surveillance

VDCI has utilized a total of (13) New Jersey light traps placed in residential and recreational areas throughout Jonesboro. These traps collected an average of 48.0 mosquitoes per trap per night (1248) total mosquitoes during this time. There have been a total of 3 mosquito species collected.

Larval Control Activity

Permanent water, flood water, artificial containers, and drainage system sites are inspected for larval mosquito breeding on a regular basis. In total, 13 sites were inspected with 5 sites having mosquito larvae present. As a result of these inspections, 280 ounces of granular BTI (VectoBacG) was applied to these mosquito breeding sites. Additionally, VDCI is continuing to eliminate breeding habitat for artificial container mosquitoes by targeting bird baths, buckets, tires etc.











Adult Mosquito Control Activity

2221 N. Church St. Jonesboro, AR 72401

Telephone: 870-933-6939

City of Jonesboro Activity Report

Mosquito Surveillance and Control Report

In response to community events and mosquito surveillance data, VDCI applied the adulticide on 35 truck routes for this reporting period. All adulticide ULV applications were made with truck-mounted ULV units equipped with GPS-enabled monitors. During this report period, a total of 1,321.60 spray miles and 48,051.50 acres were treated with a total of 342 gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to 5 service requests and adulticided all parks, and any special events during the month.

Summary

Throughout this reporting period, VDCI has continued to provide exceptional control of larval and adult mosquito populations. VDCI will remain diligent in our surveillance and control activities to prevent a significant increase in the mosquito population. If VDCI detects a significant rise in the mosquito population we will increase larval and adult control. As always, VDCI welcomes residents with any mosquito-related questions or concerns to contact VDCI's Jonesboro office directly at 855.933.6939.

2221 N. Church St. Jonesboro, AR 72401

Telephone: 870-933-6939



City of Jonesboro Activity Report

Mosquito Surveillance and Control Report

YEAR TO DATE:

	Sept/Oct 2025	Sept Oct 2024
Light Trap Surveillance:		
Total Mosquitos Collected	1248	1189
Total Average Mosquito Collected (Per Trap Per Day)	48	6.46
Total Average Species	3	3
Larviciding:		
Total Inspected Sites	13	65
Total Sites with Larvicide	5	16
Total Larvicide Used (In Ounces)	280	480
Adulticiding:		
Total Spray Miles	1321.6	614.1
Total Acres Treated	48051.5	22,327.90
Total Gallons Sprayed	342	154.3
Total Nights Sprayed	14	10
Aerials:		
Aerial Sprays	0	3
Total Gallons	0	175
Total Acres	0	33,939
Requested Services:	5	56

2221 N. Church St. Jonesboro, AR 72401

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City of Jonesboro Activity Report

Mosquito Surveillance and Control Report

2024-2025 END OF SEASON

Vector Disease Control International Year-To-Date Comparison 2024 - 2025 Season

2024 - 202	25 Season	
	YTD 2025	YTD 2024
Light Trap Surveillance:		
Total Mosquitos Collected	8,697	17,392
Total Average Mosquito Collected (Per Trap Per Day)	30.516	61.243
Total Average Species	3	3
Larviciding:		
Total Inspected Sites	217	241
Total Sites with Larvicide	70	73
Total Larvicide Used (In Ounces)	2351	3,176
Adulticiding:		
Total Spray Miles	5,706.30	5,686.80
Total Acres Treated	207,478.90	206,766.60
Total Gallons Sprayed	1486	1297.2
Total Nights Sprayed	62	63
Aerials:		
Aerial Sprays	7	6
Total Gallons	422	409
Total Acres	81,942	79,321
Requested Services:	159	199

2221 N. Church St. Jonesboro, AR 72401

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Ground Adulticide Applications

Start Date: 09/01/2025 **End Date:** 10/31/2025

21.0	e) Applied:	(General Usi	one 30-30	Total Permanone 30-30 (General Use) Applied:				
10.0	1,295.5	35.6	42.4	1:5	Permanone 30-30 (General Use) (432-1235)	Jonesboro	10/02/2025	October 2025
11.0	1,743.5	48.0	55.0	1:5	Permanone 30-30 (General Use) (432-1235)	Jonesboro	09/11/2025	September 2025
							cations	Jonesboro Zone 02B Applications
21.0	2,812.1	77.3	90.3	Jonesboro Zone 02A Totals:				
21.0	e) Applied:	(General Usi	one 30-30	Total Permanone 30-30 (General Use) Applied:				
10.0	1,375.9	37.8	45.6	1:5	Permanone 30-30 (General Use) (432-1235)	Jonesboro	09/29/2025	
11.0	1,436.2	39.5	44.6	1:5	Permanone 30-30 (General Use) (432-1235)	Jonesboro	09/10/2025	September 2025
							cations	Jonesboro Zone 02A Applications
16.0	2,632.5	72.4	84.8	Jonesboro Zone 01 Totals:				
8.0	e) Applied:	(General Us	UL 30-30	Total Perm-X UL 30-30 (General Use) Applied:				
8.0	1,514.4	41.7	48.7	1:5	Perm-X UL 30-30 (General Use) (89459-44)	Jonesboro	09/08/2025	September 2025
8.0	e) Applied:	(General Usi	one 30-30	Total Permanone 30-30 (General Use) Applied:				
8.0	1,118.1	30.8	36.1	1:5	Permanone 30-30 (General Use) (432-1235)	Jonesboro	09/30/2025	September 2025
							ations	Jonesboro Zone 01 Applications
Gallons Sprayed	Spray Acres	Spray Miles	Trip Miles	Mix Ratio	Chemical	Municipality	Date	Month
Jonesboro	J							

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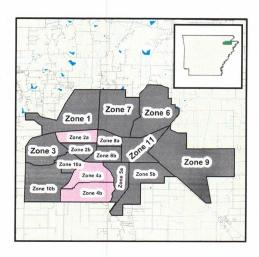
Jonesboro Zone 05A Applications			October 2025		September 2025	Jonesboro Zone 04B Applications			October 2025	September 2025	Jonesboro Zone 04A Applications				September 2025	Jonesboro Zone 03 Applications		Month
pplications			10/02/2025	09/25/2025	09/10/2025	pplications			10/02/2025	09/10/2025	pplications			09/16/2025	09/02/2025	plications		Date
			Jonesboro	Jonesboro	Jonesboro				Jonesboro	Jonesboro				Jonesboro	Jonesboro			Municipality
			Permanone 30-30 (General Use) (432-1235)	Permanone 30-30 (General Use) (432-1235)	Permanone 30-30 (General Use) (432-1235)				Permanone 30-30 (General Use) (432-1235)	Permanone 30-30 (General Use) (432-1235)				Permanone 30-30 (General Use) (432-1235)	Permanone 30-30 (General Use) (432-1235)			Chemical
	Jonesboro Zone 04B Totals:	Total Permanone 30-30 (General Use) Applied:	1:5	1:5	1:5		Jonesboro Zone 04A Totals:	Total Permanone 30-30 (General Use) Applied:	1:5	1:5		Jonesboro Zone 03 Totals:	Total Permanone 30-30 (General Use) Applied:	1:5	1:5		Jonesboro Zone 02B Totals:	Mix Ratio
	135.2	one 30-30	46.2	45.0	44.0		89.0	one 30-30	37.5	51.5		110.6	one 30-30	40.9	69.8		97.4	Trip Miles
	102.4	General Us	29.7	37.0	35.7		70.5	(General U	31.7	38.7		80.6	(General U	34.3	46.3		83.6	Spray Miles
	3,724.0	se) Applied:	1,081.4	1,345.3	1,297.3		2,561.9	se) Applied:	1,153.7	1,408.2		2,932.1	se) Applied.	1,248.2	1,683.8		3,039.0	Spray Acres
	25.0	25.0	9.0	8.0	8.0		15.0	15.0	5.0	10.0		20.0	20.0	8.0	12.0		21.0	Gallons Sprayed

	September 2025	Jonesboro Zone 07 Applications						September 2025	Jonesboro Zone 06 Applications				September 2025	Jonesboro Zone 05B Applications				September 2025	Month
09/04/2025	09/02/2025	S.				09/30/2025	09/22/2025	09/03/2025	S			09/16/2025	09/03/2025	ins			09/16/2025	09/03/2025	Date
Jonesboro	Jonesboro					Jonesboro	Jonesboro	Jonesboro				Jonesboro	Jonesboro				Jonesboro	Jonesboro	Municipality
Permanone 30-30 (General Use) (432-1235)	Permanone 30-30 (General Use) (432-1235)		лапехана	Ionoshovo		Permanone 30-30 (General ∪se) (432-1235)	Permanone 30-30 (General Use) (432-1235)	Permanone 30-30 (General Use) (432-1235)		Jonesboro Zo		Permanone 30-30 (General Use) (432-1235)	Permanone 30-30 (General Use) (432-1235)		Jonesboro Za		Permanone 30-30 (General Use) (432-1235)	Permanone 30-30 (General Use) (432-1235)	Chemical
1:5	1:5		Jonesboro Zone vo Lotals:	and Of Tatale.	Total Permanone 30-30 (General Use) Applied.	1:5	1:5	1:5		Jonesboro Zone 05B Totals:	Total Permanone 30-30 (General Use) Applied	1:5	1:5		Jonesboro Zone 05A Totals:	Total Permanone 30-30 (General Use) Applied:	1:5	1:5	Mix Ratio
61.4	40.2		109.0	160 6	one 30-30 (51.0	61.9	56.7		102.4	one 30-30	41.2	61.2		107.8	one 30-30	66.5	41.3	Trip Miles
49.4	38.5		2.021	130 5	General Us	35.8	48.3	44.5		78.2	(General U.	29.8	48.4		72.9	General U	40.9	32.1	Spray Miles
1,795.1	1,401.0		4,0/2.0	1 677 6	se) Applied:	1,300.6	1,754.4	1,617.7		2,842.6	se) Applied:	1,083.5	1,759.1		2,651.0	se) Applied:	1,485.7	1,165.3	Spray Acres
12.0	10.0		31.0	210	31.0	10.0	10.0	11.0		20.0	20.0	9.0	11.0		19.0	19.0	11.0	8.0	Gallons Sprayed

Vector Disease Control International 2221 N Church St Jonesboro, AR 72401

		October 2025 10/07/2025	Jonesboro Zone 09 Applications			October 2025 10/02/2025	September 2025 09/11/2025	
		Jonesboro				Jonesboro	Jonesboro	
Jonesboro Zone 09 Totals:	Total I	Permanone 30-30 (General Use) 1 (432-1235)		Jonesboro Zone 08B Totals:	Total I	Permanone 30-30 (General Use) 1 (432-1235)	Permanone 30-30 (General Use) 1 (432-1235)	
Totals: 66.6	Total Permanone 30-30 (General Use) Applied:	1:5 66.6		Totals: 83.9	Total Permanone 30-30 (General Use) Applied:	1:5 48.0	1:5 35.9	
44.2	-30 (General U	5 44.2		64.1	-30 (General U	37.0	9 27.1	
1,607.5	se) Applied:	1,607.5		2,332.1	se) Applied:	1,345.3	986.8	
10.0	10.0	10.0		16.0	16.0	10.0	6.0	

				September 2025	Jonesboro Zone 11 Applications					September 2025	Jonesboro Zone 10B Applications				September 2025	Jonesboro Zone 10A Applications	Month
			09/22/2025	09/11/2025	ns			09/30/2025	09/16/2025	09/02/2025	ions			09/18/2025	09/02/2025	ions	Date
			Jonesboro	Jonesboro				Jonesboro	Jonesboro	Jonesboro				Jonesboro	Jonesboro		Municipality
	Jonesboro 2		Permanone 30-30 (General Use) (432-1235)	Permanone 30-30 (General Use) (432-1235)		Jonesboro Zo		Permanone 30-30 (General Use) (432-1235)	Permanone 30-30 (General ∪se) (432-1235)	Permanone 30-30 (General Use) (432-1235)		Jonesboro Zo		Permanone 30-30 (General Use) (432-1235)	Permanone 30-30 (General Use) (432-1235)		Chemical
Grand Totals:	Jonesboro Zone 11 Totals:	Total Permanone 30-30 (General Use) Applied:	1:5	1:5		Jonesboro Zone 10B Totals:	Total Permanone 30-30 (General Use) Applied:	1:5	1:5	1:5		Jonesboro Zone 10A Totals:	Total Permanone 30-30 (General Use) Applied:	1:5	1:5		Mix Ratio
6,095.9	4,503.1	one 30-30	56.1	4,447.0		166.1	one 30-30	43.1	67.8	55.3		82.8	one 30-30	44.6	38.2		Trip Miles
1,321.6	77.3	General U	43.3	34.0		129.2	(General U	34.8	53.8	40.7		60.2	(General L	31.2	29.0		Spray Miles
48,051.5	2,811.4	se) Applied:	1,575.1	1,236.2		4,696.3	se) Applied:	1,263.5	1,954.7	1,478.0		2,188.5	se) Applied:	1,133.7	1,054.8		Spray Acres
342.0	23.0	23.0	13.0	10.0		38.0	38.0	10.0	13.0	15.0		19.0	19.0	10.0	9.0		Gallons Sprayed



Jonesboro, Arkansas

Ground Adulticide Application Date: September 10, 2025

Sprayer Status

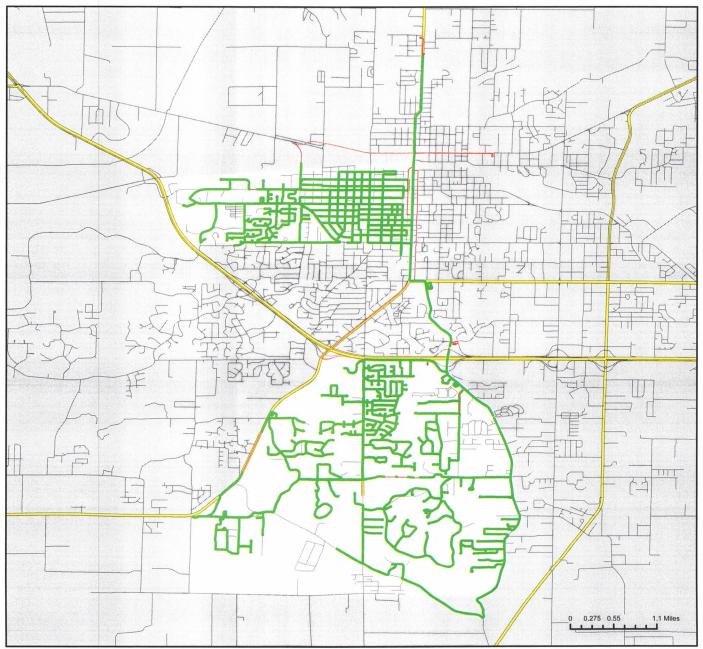
Spray Off

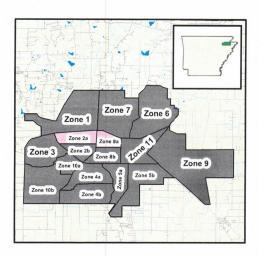
Spray On

Chemical: Permanone 30-30 Quantity Used: 34.8 gal

Miles Treated: 113.9 Acres Treated: 4,141.9







Jonesboro, Arkansas

Ground Adulticide Application Date: September 29, 2025

Sprayer Status

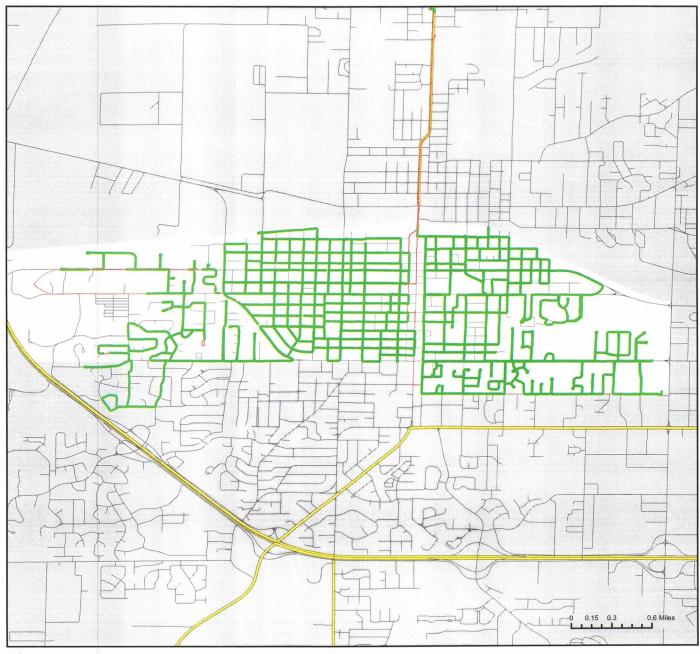
Spray Off

Spray On

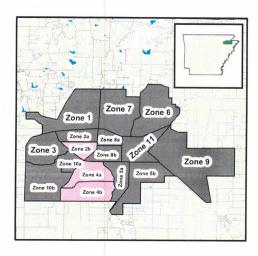
Chemical: Permanone 30-30 Quantity Used: 20.9 gal

Miles Treated: 69.0 Acres Treated: 2,508.8









Jonesboro, Arkansas

Ground Adulticide Application Date: October 2, 2025

Sprayer Status

Spray Off

Spray On

Chemical: Permanone 30-30

Quantity Used: 29.4 gal Miles Treated: 97.1 Acres Treated: 3,530.5



