



Guide to the “Mosquito Control Monthly Activity Report”

(FDACS-13652 Rev.07/13)

Disclaimer: The examples below are not a representation of any product recommendations by the Florida Department of Agriculture and Consumer Services

<https://www.fdacs.gov/Business-Services/Mosquito-Control/Information-for-State-Approved-Mosquito-Control-Programs>

1.) Check and make sure your form is current

2.) Always start by adding the County/District and the year to line 9. This will automatically fill for the remaining months.

3.) When adding a product, list

- **Product name**
- **EPA registration #**
- **Active ingredients with percent**

You can use multiple lines for this.

4.) Next, check the boxes that apply to the product. If a product is applied both by ground and air, list each separately.

5.) Enter the acres treated for that month.

Florida Department of Agriculture and Consumer Services Division of Agricultural Environmental Services MOSQUITO CONTROL MONTHLY ACTIVITY REPORT										
		NICOLE "NIKKI" FRIED COMMISSIONER								
		Rule 5E-13.022, F.A.C. Telephone: (850) 617-7911; FAX (850) 617-7939								
9		COUNTY OR DISTRICT: Harrison County Mosquito Control District				MONTH: October		FISCAL: 2021 - 2022		
10	CHEMICAL ADULTICIDE	T	U	G	A	MIX RATIO OR FORMULA	ACRES TREATED MONTHLY	TOTAL OUTPUT MONTHLY Gallons	ACRES TREATED YEARLY	TOTAL OUTPUT YEARLY Gallons
11	* Show Chemical NAME	H	L	R	I					
12	* % of Active Ingredient (a.i.)	R	V	N	R					
13	* EPA Number	M		D		(see Calculation tab)				
14	Permanone 30-30 EPA Reg 432-1235	☐	☒	☒	☐	1.00000	10,514.2400	20.9400	10,514.2400	20.9400
15	Permethrin 30%, PBO 30%	☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
16		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
17	Kontrol 30-30 EPA Reg 737-485	☐	☒	☒	☐	0.33333	1,600.0000	8.0000	1,600.0000	2.6666
18	Permethrin 30% PBO 30%	☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
19		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
20	Duet HD EPA Reg 8329-105	☐	☒	☒	☐	1.00000	10.0000	0.0469	10.0000	0.0469
21	Prallatherin 1%, Sumithrin 5%, PBO 5%	☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
22		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
23	Dibrom EPA Reg 5481-480 Naled 87.4%	☐	☒	☐	☒	1.00000	44,412.0000	229.0000	44,412.0000	229.0000
24		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
25	Duet HD EPA Reg 8329-105	☐	☒	☐	☒	1.00000	132.2700	0.9300	132.2700	0.9300
26	Prallatherin 1%, Sumithrin 5%, PBO 5%	☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
27		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
28		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
29		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
30		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
31		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
32		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
33		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
34		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
35		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000
36		☐	☐	☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000

6.) Lastly, enter the output in gallons for that month.

- If the product is reported as diluted, enter mix ratio (see next page)
- If the product is reported straight, leave mix ratio as a "1.00000"

1.) When reporting a diluted/batched adulticide, the mix ratio should be included. It can be calculated using the "Calculations" tab

****Use these calculations to determine what the "Mix Ratio" will be in Column G.****

Adulticide Mix Ratio Calculation

Unmixed adulticides applied straight: Mix Ratio = **1**

Adulticide Mix Ratio Calculator

Enter Parts Pesticide **0** to Enter Parts Diluent **0** = Mix ratio **0.00000**

Larvicide Mix Ratio Calculation

Dry granular product that are unmixed: Mix Ratio = **1**

Liquid larvicides applied unmixed: Mix Ratio = **1**

Liquid Larvicides Mix Ratio Calculator

Enter Parts Larvicide **0** to Enter Parts Diluent **0** = Mix ratio **0.00000**

Individual Larvicide Unit Calculation (use for individual briquets, packets, tablets, etc.)

Weight of Container (lbs.) ****Must be in Pounds**** **0.00** lbs.

Number of Individual Units Per Container **0** pieces

Mix Ratio = **0.00000**

Larvicide Unit Weights/Mix Ratios

Active Ingredient	Product	EPA Reg #	Unit Weight/Mix Ratio
<i>B. sphaericus/Bti</i>	Bactimos Briquets	6218-47	0.02860
	Fourstar Briquets 180	83362-3	0.07500
	Fourstar Briquets 45	83362-3	0.02205
	Fourstar Briquets 90	83362-3	0.04600
	Fourstar WSP	85685-3	0.02200
	Spheratax SPH (50G) WSP	84268-2	0.02125
	Vectolex WSP	73049-20	0.02201
	Vectomax WSP	73049-429	0.02188
	Mosquito Dunks	6218-47	0.02860
	Summit B.T.I. Briquets	6218-47	0.02863
Methoprene	Metalary XRP Mosquito Growth Regulator	73049-475	0.03968
	Zoecon Altosid Briquets	2724-375	0.01190
	Zoecon Altosid Pellets WSP	2724-448	0.01540

Instructions **Calculations** October November December January February March April May June July

2.) Under "Adulticide Mix Ratio Calculator" enter the parts of pesticide and part diluent in the appropriate cells. Example: if you mixed 1/3 product with 2/3 water, you put 1 parts pesticide and 2 parts diluent

3.) When finished, write down or copy the mix ratio for Step 6

	A	B	C	D	E	F	G	H	I	J	K	L
37	CHEMICAL LARVICIDE				G	A	MIX RATIO	ACRES	TOTAL	ACRES	TOTAL	
38	* Show Chemical NAME				I	I	OR	TREATED	OUTPUT	TREATED	OUTPUT	
39	* % of Active Ingredient (a.i.)				R	R	FORMULA PER	MONTHLY	MONTHLY	YEARLY	YEARLY	
40	* EPA Number				D		(see Calculation tab)		Gal, lb, or Units		Gal, lb	
41	Altosid XR Briquets 150-day EPA Reg 2724-421				☒	☐	0.08045	0.3200	139.0000	0.3200	11.1826	
42	(S) Methoprene 2.1%				☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
43					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
44	CocoBear EPA Reg 8329-93 Mineral Oil 10%				☒	☐	1.00000	0.0400	0.1400	0.0400	0.1400	
45					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
46	VectoMax FG EPA Reg 73049-429 2.7% Bs, 4.5% Bti				☒	☐	1.00000	1.0000	6.0000	1.0000	6.0000	
47					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
48	VectoMax WSP EPA Reg 73049-429 2.7% Bs, 4.5% Bti				☒	☐	0.02188	2.0661	1,800.0000	2.0661	39.3840	
49					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
50					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
51					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
52					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
53					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
54					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
55					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
56					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
57					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
58					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
59					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
60					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
61					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
62					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
63					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
64					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
65					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
66					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
67					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
68					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
69					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
70					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
71					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
72					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	
73					☐	☐	1.00000	0.0000	0.0000	0.0000	0.0000	

1.) When adding a product, list

- **Product name**
- **EPA registration #**
- **Active ingredients with percent**

You can use multiple lines for this.

2.) Next, check the boxes that apply to the product. If a product is applied both by ground and air, list each separately.

3.) Enter the acres treated for that month.

4.) Lastly, enter the output in gallons for that month.

- If the product is reported as diluted **or as a unit**, enter mix ratio (see next page)
- If the product is reported straight, leave mix ratio as a “1.00000”

1.) For diluted products, the same method discussed before should be used under the “Larvicide Mix Ratio Calculator” in the “Calculations” tab

2.) For unit products, the net weight, usually found on the product box, and the number of units in the box should be entered under the “Individual Larvicide Unit Calculation”

3.) All calculated weights in the Mix Ratio column, should be similar to the number found in the table seen here for that product. Most unit weights may be found on the table. Please contact your assigned Mosquito Control Outreach Specialist if a product is missing from the table

4.) Once finished, the Mix ratio(s) should be written down or copied for the next steps and the process repeated for other products

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
10															
11															
12															
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14															
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Larvicide Mix Ratio Calculation			
Dry granular product that are unmixed: Mix Ratio =		1	
Liquid larvicides applied unmixed: Mix Ratio =		1	
Liquid Larvicides Mix Ratio Calculator		Mix ratio	
Enter Parts Larvicide	to	Enter Parts Diluent	=
0		0	0.00000

Individual Larvicide Unit Calculation (use for individual briquets, packets, tablets, etc.)		
Weight of Container (lbs.) **Must be in Pounds**	0.00	lbs
Number of Individual Units Per Container	0	pieces
Mix Ratio =	0.00000	

Larvicide Unit Weights/Mix Ratios			
Active Ingredient	Product	EPA Reg #	Unit Weight/Mix Ratio
B. sphaericus/Bti	Bactimos Briquets	6218-47	0.02860
	Fourstar Briquets 180	83362-3	0.07500
	Fourstar Briquets 45	83362-3	0.02205
	Fourstar Briquets 90	83362-3	0.04600
	Fourstar WSP	85685-3	0.02200
	Spheratax SPH (50G) WSP	84268-2	0.02125
	Vectolex WSP	73049-20	0.02201
	Vectomax WSP	73049-429	0.02188
	Mosquito Dunks	6218-47	0.02860
	Summit B.T.I. Briquets	6218-47	0.02863
	Metalary XRP Mosquito Growth Regulator	73049-475	0.03968
Methoprene	Zoecon Altosid Briquets	2724-375	0.01190
	Zoecon Altosid Pellets WSP	2724-448	0.01540
	Zoecon Altosid XR Extended Residual Briquets (150 day)	2724-421	0.08045
Spinosad	Natular DT	8329-602	0.00298
	Natular G30 WSP	8329-91	0.02205
	Natular T30	8329-85	0.01323
	Natular XRT	8329-84	0.08818