

Cattle Insecticide Pour-On Comparison Chart

Product	Active Ingredient	Usage												Insects Controlled											Application Rate						
		On Animal	Premise	Backrubber	Beef	Dairy - Lactating	Dairy - Non-Lactating	Swine	Sheep	Goats	Horses	Poultry	Dogs	Barn Flies	Horn Flies	Cluster Flies	Fruit Flies	Face Flies	Stable Flies	House Flies	Black Flies	Deer Flies	Horse Flies	Mosquitoes	Lice	Ticks	Other Insects	On Animal	Premise	Backrubber	
Boss Pour-On	5% permethrin	•			•	•	•		•						•			•	•		•		•	•	•	•			3 ml per 100 lbs		
Brute Pour-On	10% permethrin	•	•	•	•	•	•								•			•	•	•	•	•	•	•	•	•		See Label for Directions	One oz will treat 560 sq ft	48 ml per gallon of diesel or mineral oil	
Clean-Up II Pour-On	3% diflubenzuron and 5% permethrin	•			•	•	•								•			•	•	•	•	•	•	•	•	•		3 ml per 100 lbs			
CyLence Pour-On	1% cyfluthrin	•			•	•	•								•			•									See Label for Directions				
Permethrin CDS Pour-On	7.4% permethrin and 7.4% piperonyl butoxide	•	•	•	•	•	•		•						•			•	•	•	•		•	•	•	•		1.5 ml per 100 lbs	See Label for Directions	64 ml per gallon of mineral oil	
Permethrin 1% Pour-On	1% permethrin	•	•	•	•	•	•		•						•			•	•				•	•	•	•		1/2 oz per 100 lbs	1 gallon treats 7,300 sq ft	1 pint per gallon #2 diesel or mineral oil	
Prozap Backrubber and Pour-On Xtra	0.125% permethrin and 0.125% piperonyl butoxide	•		•	•	•	•							•	•	•	•	•	•	•	•	•	•	•	•	•		1 oz per 100 lbs			
Revenge Pour-On	1% permethrin and 1% piperonyl butoxide	•	•	•	•	•	•		•						•			•	•	•			•	•	•	•		1/2 oz per 100 lbs	1 gallon treats 7,300 sq ft	1 pint per gallon #2 diesel or mineral oil	
Saber Pour-On	1% lambda-cyhalothrin	•			•										•													10 ml under 600 lbs or 15 ml over 600 lbs			
StandGuard Pour-On	0.5% gamma-cyhalothrin	•			•										•													10 ml under 600 lbs or 15 ml over 600 lbs			
Synergized DeLice Pour-On	1% permethrin and 1% piperonyl butoxide	•	•	•	•	•	•		•						•			•	•	•	•		•	•	•	•		1/2 oz per 100 lbs	One gallon will treat approx. 7,300 sq ft	1 pint per gallon #2 diesel or mineral oil	
Synergized Permethrin 1% Pour-On	1% permethrin and 1% piperonyl butoxide	•	•	•	•	•	•		•									•	•	•	•		•	•	•	•		1/2 oz per 100 lbs	1 gallon treats 7,300 sq ft	One pint per gallon #2 diesel or mineral oil	
Ultra Boss Pour-On	5% permethrin and 5% piperonyl butoxide	•		•	•	•	•		•	•	•				•			•	•				•	•	•	•		3 ml per 100 lbs		100 ml per gallon #2 diesel or mineral oil	
Ultra Saber Pour-On	1% lambda-cyhalothrin and 5% piperonyl butoxide	•			•										•													10 ml under 600 lbs or 15 ml over 600 lbs			

Dosing Rate for Pour-On Insecticides

Permethrin 1% | Revenge | Synergized Delice | Synergized Permethrin

Dose	Weight	<i>Size will treat</i>	
		Gallon	
1/2 oz	100 lbs	256 Head	
1 oz	200 lbs	128 Head	
1.5 oz	300 lbs	85 Head	
2 oz	400 lbs	64 Head	
2.5 oz	500 lbs	51 Head	
3 oz	600 lbs	42 Head	
3.5 oz	700 lbs	36 Head	
4 oz	800 lbs	32 Head	
4.5 oz	900 lbs	28 Head	
5 oz	1000 lbs	25 Head	

Brute

Dose	Weight	<i>Size will treat</i>	
		Pint	Gallon
2.5 mL	Birth - 199 lbs	189 Head	1514 Head
5.0 mL	200 - 399 lbs	94 Head	757 Head
7.5 mL	400 - 599 lbs	63 Head	504 Head
10.5 mL	600 - 799 lbs	45 Head	360 Head
12.5 mL	800 - 999 lbs	37 Head	302 Head
15 mL	1000 lbs & over	31 Head	252 Head

Saber | StandGuard | Ultra Saber

Dose	Weight	<i>Size will treat</i>	
		Quart	Gallon
10 mL	Less than 600 lbs	94 Head	378 Head
15 mL	More than 600 lbs	63 Head	252 Head



Dosing Rate for Pour-On Insecticides

Boss | Clean-Up II | Ultra Boss

Size will treat

Dose	Weight	Quart	Gallon
3 mL	100 lbs	315 Head	1261 Head
4.5 mL	150 lbs	210 Head	841 Head
6 mL	200 lbs	157 Head	630 Head
7.5 mL	250 lbs	126 Head	504 Head
9 mL	300 lbs	105 Head	420 Head
10.5 mL	350 lbs	90 Head	360 Head
12 mL	400 lbs	78 Head	315 Head
13.5 mL	450 lbs	70 Head	280 Head
15 mL	500 lbs	63 Head	252 Head
16.5 mL	550 lbs	57 Head	229 Head
18 mL	600 lbs	52 Head	210 Head
19.5 mL	650 lbs	48 Head	194 Head
21 mL	700 lbs	45 Head	180 Head
22.5 mL	750 lbs	42 Head	168 Head
24 mL	800 lbs	39 Head	157 Head
25.5 mL	850 lbs	37 Head	148 Head
27 mL	900 lbs	35 Head	140 Head
28.5 mL	950 lbs	33 Head	132 Head
30 mL	1000 lbs	31 Head	126 Head

Dosing Rate for Pour-On Insecticides

Permethrin CDS

Size will treat

Dose	Weight	16 oz	1/2 gallon	1 gallon	2.5 gallon
1.5 mL	100 lbs	315 Head	1261 Head	2523 Head	6308 Head
2.25 mL	150 lbs	210 Head	840 Head	1682 Head	4205 Head
3 mL	200 lbs	157 Head	630 Head	1261 Head	3154 Head
3.75 mL	250 lbs	126 Head	504 Head	1009 Head	2523 Head
4.5 mL	300 lbs	105 Head	420 Head	841 Head	2102 Head
5.25 mL	350 lbs	90 Head	360 Head	720 Head	1802 Head
6 mL	400 lbs	78 Head	315 Head	630 Head	1577 Head
6.75 mL	450 lbs	70 Head	280 Head	560 Head	1401 Head
7.5 mL	500 lbs	63 Head	252 Head	504 Head	1261 Head
8.25 mL	550 lbs	57 Head	229 Head	458 Head	1147 Head
9 mL	600 lbs	52 Head	210 Head	420 Head	1051 Head
9.75 mL	650 lbs	48 Head	194 Head	388 Head	970 Head
10.5 mL	700 lbs	45 Head	180 Head	360 Head	901 Head
11.25 mL	750 lbs	42 Head	168 Head	336 Head	841 Head
12 mL	800 lbs	39 Head	157 Head	315 Head	788 Head
12.75 mL	850 lbs	37 Head	148 Head	296 Head	742 Head
13.5 mL	900 lbs	35 Head	140 Head	280 Head	700 Head
14.25 mL	950 lbs	33 Head	132 Head	265 Head	664 Head
15 mL	1000 lbs	31 Head	126 Head	252 Head	630 Head

Dosing Rate for Pour-On Insecticides

CyLence – for Horn and Face Flies

Size will treat

Dose	Weight	Pint/473 mL	6 pint/2839 mL
1 mL	100 lbs	473 Head	2839 Head
2 mL	200 lbs	237 Head	1420 Head
3 mL	300 lbs	158 Head	946 Head
4 mL	400 lbs	118 Head	710 Head
5 mL	500 lbs	95 Head	568 Head
6 mL	600 lbs	79 Head	473 Head
7 mL	700 lbs	68 Head	406 Head
8 mL	800 lbs	59 Head	355 Head
9 mL	900 lbs	53 Head	315 Head
10 mL	1000 lbs	47 Head	284 Head
11 mL	1100 lbs	43 Head	258 Head
12 mL	1200 lbs	39 Head	237 Head

CyLence – for Biting and Sucking Lice

Size will treat

Dose	Weight	Pint/473 mL	6 pint/2839 mL
2 mL	100 lbs	237 Head	1420 Head
4 mL	200 lbs	118 Head	710 Head
6 mL	300 lbs	79 Head	473 Head
8 mL	400 lbs	59 Head	355 Head
10 mL	500 lbs	47 Head	284 Head
12 mL	600 lbs	39 Head	237 Head
14 mL	700 lbs	34 Head	203 Head
16 mL	800 lbs	30 Head	177 Head
18 mL	900 lbs	26 Head	158 Head
20 mL	1000 lbs	24 Head	142 Head
22 mL	1100 lbs	22 Head	129 Head
24 mL	1200 lbs	20 Head	118 Head

Dosing Rate for Pour-On Insecticides

Prozap Backrubber and Pour-On Xtra

Dose	Weight	<i>Size will treat</i> 2.5 gallon
1 oz	100 lbs	320 Head
2 oz	200 lbs	160 Head
3 oz	300 lbs	107 Head
4 oz	400 lbs	80 Head
5 oz	500 lbs	64 Head
6 oz	600 lbs	53 Head
7 oz	700 lbs	46 Head
8 oz	800 lbs	40 Head
9 oz	900 lbs	36 Head
10 oz	1000 lbs	32 Head
11 oz	1100 lbs	29 Head
12 oz	1200 lbs	27 Head