



1. **Mosquito Larviciding Services** - 6,000 or more acres to be sprayed by air for the control of mosquito larva, with individual applications ranging from 1,000 acres. Liquid Bti to be applied at a rate of 16 to 30oz/acre. Chemicals supplied by the City, cost to be on a per acre basis.

Application Cost Per Acre @ Application Rate				
Acres	16 Ounces	20 Ounces	24 Ounces	30 Ounces
1,000-2,000	\$8.00	\$8.00	\$8.25	\$8.50
2,000-3,000	\$8.00	\$8.00	\$8.25	\$8.50
3,000-4,000	\$6.50	\$6.50	\$7.00	\$7.25
4,000-5,000	\$6.25	\$6.25	\$6.75	\$7.00
5,000-6,000	\$6.00	\$6.00	\$6.50	\$6.75
6,000-7,000	\$6.00	\$6.00	\$6.25	\$6.50
7,000-8,000	\$6.00	\$6.00	\$6.25	\$6.50
8,000-9,000	\$6.00	\$6.00	\$6.25	\$6.50
9,000-10,000	\$6.00	\$6.00	\$6.25	\$6.50
10,000 and up	\$6.00	\$6.00	\$6.25	\$6.50

Aircraft Identification Number	N602BA
Type of Aircraft	Air Tractor AT602A
Engine Horsepower	1295
Air Speed Range	140-170 mph
Tank Capacity	630 gal
Pump Type	Transland
Pump Capacity	110 GPM
Type Nozzle	Micronair AU5000
Number of Nozzles	10 on aircraft - use 2
Operating Pressure	40 psi
Droplet Range	175 to 225 microns
Material per acre (output in ounces/acre)	16 oz or 7 GPA
Effective Swath Width	150'



2. Mosquito Larviciding Services – 1,000 or more acres to be treated by air for the control of mosquito larva, with individual applications ranging from 600 acres. Granular Larvicide to be applied at a rate of 3 to 10 lbs. per acre. Chemicals supplied by the City, cost to be on a per acre basis.

Application Cost Per Acre @ Application Rate					
Acres	2.5 lbs	3 lbs	5 lbs	8 lbs	10 lbs
600-1,000	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.25	\$ 8.50
1,000-2,000	\$ 7.50	\$ 7.50	\$ 7.75	\$ 8.00	\$ 8.25
3,000-4,000	\$ 7.00	\$ 7.25	\$ 7.50	\$ 8.00	\$ 8.50
4,000-5,000	\$ 6.50	\$ 7.25	\$ 7.50	\$ 8.00	\$ 8.50
5,000-6,000	\$ 6.50	\$ 7.25	\$ 7.50	\$ 8.00	\$ 8.50
6,000-7,000	\$ 6.50	\$ 7.25	\$ 7.50	\$ 8.00	\$ 8.50
7,000-8,000	\$ 6.50	\$ 7.25	\$ 7.50	\$ 8.00	\$ 8.50
8,000-9,000	\$ 6.50	\$ 7.25	\$ 7.50	\$ 8.00	\$ 8.50

Aircraft Identification Number	N602BA
Type of Aircraft	Air Tractor AT602A
Engine Horsepower	1295
Air Speed Range	140-170 mph
Tank Capacity	630 gal
Pump Type	NA
Pump Capacity	NA
Type Nozzle	NA Transland 12 vane dry spreader
Number of Nozzles	NA
Operating Pressure	NA
Droplet Range	NA
Material per acre (output in ounces/acre)	1 lb to 300 lbs
Effective Swath Width	150'



3. Mosquito Adulticiding Services (RURAL)- 10,000 or more acres to be sprayed by air for the control of adult mosquitoes in rural areas, with individual applications ranging from 2,350 acres. Chemicals to be supplied by the City, cost to be on a per acre basis.

APPLICATION MALATHION: APPLICATION RATE 3 oz./acre

Acres	Cost Per Acre
2,345 – 4,690	\$ 3.50
4,690 – 7,035	\$ 2.50
7,035 – 9,380	\$ 1.25
11,725- 14,070	\$ 1.25
14,070 – 16,415	\$ 1.25
16,415 and up	\$ 1.25

Aircraft Identification Number	N602BA
Type of Aircraft	Air Tractor AT602BA
Engine Horsepower	1295 hp
Air Speed Range	140-170 mph
Tank Capacity	630 gal
Pump Type	Transland
Pump Capacity	110 GPM
Type Nozzle	Micronair AU5000
Number of Nozzles	2
Operating Pressure	40 psi
Droplet Range	30-60 microns
Material per acre (output in ounces/acre)	1/2oz
Effective Swath Width	750' to 1000'



4. Mosquito Adulticiding Services (RURAL) – 7,680 or more acres to be sprayed by air for the control of adult mosquitoes in rural areas, with individual applications ranging from 7,680 acres. Dibrom Concentrate to be applied at the ultra-low volume rate of ½ oz. per acre. Chemicals to be supplied by the City, cost to be on a per acre basis.

APPLICATION DIBROM ULV: APPLICATION RATE ½ oz./acre

Acres	Cost Per Acre
7,680-15,360	\$ 0.98
15,360- and up	\$ 0.94

*subject to discount with Big Laramie & Little Laramie

Aircraft Identification Number	N602BA
Type of Aircraft	Air Tractor AT602BA
Engine Horsepower	1295 hp
Air Speed Range	140-170 mph
Tank Capacity	630 gal
Pump Type	Transland
Pump Capacity	110 GPM
Type Nozzle	Micronair AU5000
Number of Nozzles	2
Operating Pressure	40 psi
Droplet Range	30-60 microns
Material per acre (output in ounces/acre)	1/2oz
Effective Swath Width	750' to 1000'



5. Mosquito Adulticiding Services (EMERGENCY) - 11,000 or more acres to be sprayed by air for the control of adult mosquitoes in populated areas (Within the Laramie City Limits). Imperium (or similar permethrin-based insecticide) to be applied at ultra-low volume rate of .001lbs/acre (active ingredient). Chemicals to be supplied by the City, cost to be on a per acre basis. This application shall fall under 14 CFR- chapter I- part 137.51 and 14 CFR- chapter I- part 137. 53 rules for “Operation over congested areas”, and the applicant must be able to fulfill all obligations pursuant to these rules. FAA pre-authorization of the congested area plan must be in place by June 15, 2021.

APPLICATION IMPERIUM: APPLICATION RATE .001 lbs/acre (active Ingredient)

Acres	Cost Per Acre
11,000-and up	\$2
Aircraft Identification Number	N437CB
Type of Aircraft	Piper Chieftan
Engine Horsepower	350 x 2
Air Speed Range	185 mph
Tank Capacity	210 gal
Pump Type	Electric
Pump Capacity	up to 4 gpm
Type Nozzle	Micronair AU4000
Number of Nozzles	2
Operating Pressure	25 psi
Droplet Range	30-50 microns
Material per acre (output in ounces/acre)	1/2 to 12oz
Effective Swath Width	750' to 1000'