

Calabration Chart

2016

Nozzle Sp"		Gallons per Acre (GPA)																	
15																			
MPH		5		8		10		12		15		17		20		25		30	
		Amount to catch in 15 seconds																	
		fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml
5		2.0	60	3.2	96	4.0	119	4.8	143	6.1	179	6.7	197	8.1	239	10.1	299	12.1	358
8		3.2	96	5.2	153	6.5	191	7.8	229	9.7	287	10.7	315	12.9	382	16.2	478	19.4	574
10		4.0	119	6.5	191	8.1	239	9.7	287	12.1	358	13.3	394	16.2	478	20.2	597	24.2	717
12		4.8	143	7.8	229	9.7	287	11.6	344	14.5	430	16.0	473	19.4	574	24.2	717	29.1	860
15		6.1	179	9.7	287	12.1	358	14.5	430	18.2	538	20.0	591	24.2	717	30.3	896	36.4	1075
20		8.1	239	12.9	382	16.2	478	19.4	574	24.2	717	26.6	788	32.3	956	40.4	1195	48.5	1434

Nozzle Sp"		Gallons per Acre (GPA)																	
30																			
MPH		5		8		10		12		15		17		20		25		30	
		Amount to catch in 15 seconds																	
		fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml
5		4.0	119	6.5	191	8.1	239	9.7	287	12.1	358	13.7	406	16.2	478	20.2	597	24.2	717
8		6.5	191	10.3	306	12.9	382	15.5	459	19.4	574	22.0	650	25.9	765	32.3	956	38.8	1147
10		8.1	239	12.9	382	16.2	478	19.4	574	24.2	717	27.5	813	32.3	956	40.4	1195	48.5	1434
12		9.7	287	15.5	459	19.4	574	23.3	688	29.1	860	33.0	975	38.8	1147	48.5	1434	58.2	1721
15		12.1	358	19.4	574	24.2	717	29.1	860	36.4	1075	41.2	1219	48.5	1434	60.6	1792	72.7	2151
20		16.2	478	25.9	765	32.3	956	38.8	1147	48.5	1434	54.9	1625	64.6	1912	80.8	2390	97.0	2868

Nozzle Sp"		Gallons per Acre (GPA)																	
32																			
MPH		5		8		10		12		15		17		20		25		30	
		Amount to catch in 15 seconds																	
		fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml	fl.oz.	ml
5		4.3	127	6.9	204	8.6	255	10.3	306	12.9	382	14.7	433	17.2	510	21.5	637	25.9	765
8		6.9	204	11.0	326	13.8	408	16.5	489	20.7	612	23.4	693	27.6	816	34.5	1020	41.4	1224
10		8.6	255	13.8	408	17.2	510	20.7	612	25.9	765	29.3	867	34.5	1020	43.1	1275	51.7	1529
12		10.3	306	16.5	489	20.7	612	24.8	734	31.0	918	35.2	1040	41.4	1224	51.7	1529	62.1	1835
15		12.9	382	20.7	612	25.9	765	31.0	918	38.8	1147	44.0	1300	51.7	1529	64.6	1912	77.6	2294
20		17.2	510	27.6	816	34.5	1020	41.4	1224	51.7	1529	58.6	1733	69.0	2039	86.2	2549	103.4	3059

$$\text{GPM} = \frac{\text{MPH} \times \text{GPA} \times \text{Nozzle width (inches)}}{5,940}$$

All values are based on the formula to the left, then converted into fl.oz. and milliliters (mls) to catch in 15 seconds.