

LU Selection

Nozzle	PSI	Capacity per nozzle		GALLONS / ACRE										
		GPM	oz./min.	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	12 mph	14 mph	16 mph	18 mph
Orange LU 80-01 110-01	15	0.06	8	4.5	3.6	3.0	2.6	2.3	2.0	1.8	1.5	1.3	1.1	1.0
	20	0.07	9	5.3	4.2	3.5	3.0	2.6	2.3	2.1	1.8	1.5	1.3	1.2
	30	0.09	11	6.5	5.2	4.3	3.7	3.2	2.9	2.6	2.2	1.8	1.6	1.4
	40	0.10	13	7.4	5.9	5.0	4.2	3.7	3.3	3.0	2.5	2.1	1.9	1.7
	50	0.11	14	8.2	6.5	5.4	4.7	4.1	3.6	3.3	2.7	2.3	2.0	1.8
	60	0.12	15	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.0	2.5	2.2	2.0
Green LU 80-015 110-015	15	0.09	12	6.8	5.5	4.6	3.9	3.4	3.0	2.7	2.3	2.0	1.7	1.5
	20	0.11	14	8.2	6.5	5.4	4.7	4.1	3.6	3.3	2.7	2.3	2.0	1.8
	30	0.13	17	9.7	7.7	6.4	5.5	4.8	4.3	3.9	3.2	2.8	2.4	2.1
	40	0.15	19	11.1	8.9	7.4	6.4	5.6	5.0	4.5	3.7	3.2	2.8	2.5
	50	0.17	22	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.2	3.6	3.2	2.8
	60	0.18	23	13.4	10.7	8.9	7.6	6.7	5.9	5.3	4.5	3.8	3.3	3.0
Yellow LU 80-02 110-02	15	0.12	15	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.0	2.5	2.2	2.0
	20	0.14	18	10.4	8.3	6.9	5.9	5.2	4.6	4.2	3.5	3.0	2.6	2.3
	30	0.17	22	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.2	3.6	3.2	2.8
	40	0.20	26	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.0	4.2	3.7	3.3
	50	0.22	28	16.3	13.1	10.9	9.3	8.2	7.3	6.5	5.4	4.7	4.1	3.6
	60	0.24	31	17.8	14.3	11.9	10.2	8.9	7.9	7.1	5.9	5.1	4.5	4.0
Blue LU 80-03 110-03	15	0.18	23	13.4	10.7	8.9	7.6	6.7	5.9	5.3	4.5	3.8	3.3	3.0
	20	0.21	27	15.6	12.5	10.4	8.9	7.8	6.9	6.2	5.2	4.5	3.9	3.5
	30	0.26	33	19.3	15.4	12.9	11.0	9.7	8.6	7.7	6.4	5.5	4.8	4.3
	40	0.30	38	22.3	17.8	14.9	12.7	11.1	9.9	8.9	7.4	6.4	5.6	5.0
	50	0.34	44	25.2	20.2	16.8	14.4	12.6	11.2	10.1	8.4	7.2	6.3	5.6
	60	0.37	47	27.5	22.0	18.3	15.7	13.7	12.2	11.0	9.2	7.8	6.9	6.1
Red LU 80-04 110-04	15	0.24	31	17.8	14.3	11.9	10.2	8.9	7.9	7.1	5.9	5.1	4.5	4.0
	20	0.28	36	20.8	16.6	13.9	11.9	10.4	9.2	8.3	6.9	5.9	5.2	4.6
	30	0.35	45	26.0	20.8	17.3	14.9	13.0	11.6	10.4	8.7	7.4	6.5	5.8
	40	0.40	51	29.7	23.8	19.8	17.0	14.9	13.2	11.9	9.9	8.5	7.4	6.6
	50	0.45	58	33.4	26.7	22.3	19.1	16.7	14.9	13.4	11.1	9.5	8.4	7.4
	60	0.49	63	36.4	29.1	24.3	20.8	18.2	16.2	14.6	12.1	10.4	9.1	8.1
Brown LU 80-05 110-05	15	0.31	40	23.0	18.4	15.3	13.2	11.5	10.2	9.2	7.7	6.6	5.8	5.1
	20	0.35	45	26.0	20.8	17.3	14.9	13.0	11.6	10.4	8.7	7.4	6.5	5.8
	30	0.43	55	31.9	25.5	21.3	18.2	16.0	14.2	12.8	10.6	9.1	8.0	7.1
	40	0.50	64	37.1	29.7	24.8	21.2	18.6	16.5	14.9	12.4	10.6	9.3	8.3
	50	0.56	72	41.6	33.3	27.7	23.8	20.8	18.5	16.6	13.9	11.9	10.4	9.2
	60	0.61	78	45.3	36.2	30.2	25.9	22.6	20.1	18.1	15.1	12.9	11.3	10.1
Gray LU 80-06 110-06	15	0.37	47	27.5	22.0	18.3	15.7	13.7	12.2	11.0	9.2	7.8	6.9	6.1
	20	0.42	54	31.2	24.9	20.8	17.8	15.6	13.9	12.5	10.4	8.9	7.8	6.9
	30	0.52	67	38.6	30.9	25.7	22.1	19.3	17.2	15.4	12.9	11.0	9.7	8.6
	40	0.60	77	44.6	35.6	29.7	25.5	22.3	19.8	17.8	14.9	12.7	11.1	9.9
	50	0.67	86	49.7	39.8	33.2	28.4	24.9	22.1	19.9	16.6	14.2	12.4	11.1
	60	0.73	93	54.2	43.4	36.1	31.0	27.1	24.1	21.7	18.1	15.5	13.6	12.0
White LU 80-08 110-08	15	0.49	63	36.4	29.1	24.3	20.8	18.2	16.2	14.6	12.1	10.4	9.1	8.1
	20	0.57	73	42.3	33.9	28.2	24.2	21.2	18.8	16.9	14.1	12.1	10.6	9.4
	30	0.69	88	51.2	41.0	34.2	29.3	25.6	22.8	20.5	17.1	14.6	12.8	11.4
	40	0.80	102	59.4	47.5	39.6	33.9	29.7	26.4	23.8	19.8	17.0	14.9	13.2
	50	0.89	114	66.1	52.9	44.1	37.8	33.0	29.4	26.4	22.0	18.9	16.5	14.7
	60	0.98	125	72.8	58.2	48.5	41.6	36.4	32.3	29.1	24.3	20.8	18.2	16.2

Spray pressure at nozzle tip (gauged with diaphragm valve)

GPM rates are for water

Verify data by measuring flow rates before each spraying season

Ordering examples

Type	Spray Angle	Tip Size	Material	=	Order No.
LU	110	06	(polymer)	=	LU 110-06
LU	80	02	(ceramic) C	=	LU 80-02C
LU	110	015	(stainless steel) S	=	LU 110-015S