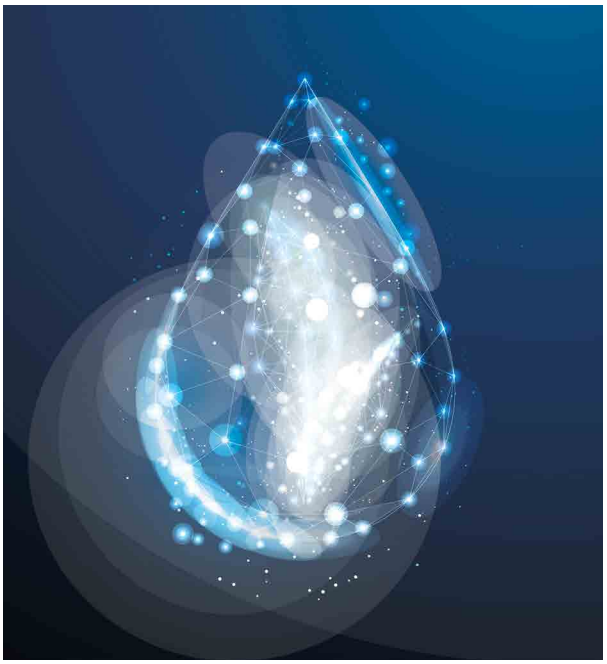
MAKE EVERY DROP COUNT WITH YOUR PWM CONTROL



PWM spray tip control systems, like DynaJet®, use a PWM (Pulse Width Modulation) valve located at the nozzle body to adjust spray tip flow rate when changes in speed are detected. Spray tips that are paired with PWM controls are serving two main purposes—the formation of the spray pattern and droplet size. Target droplet size selection should be based on providing sufficient coverage for proper control while balancing out needs for drift management.

With air induction tips air is mixed with water through a venturi air aspirator that produces large air-filled droplets. When a PWM valve is used in conjunction with certain air induction tips, the mixing chamber and air inlet can fill with water as the PWM valve cycles. This can then result in water escaping out the air inlet holes, which can lead to poor distribution. New designs in air-induction tips however, have been proven to work well with PWM valves and nozzle control systems.

WHAT MAKES A TEEJET SPRAY TIP "PWM APPROVED"?

Based on a combination of field and laboratory testing, PWM approved spray tips must meet the following criteria at a variety of duty-cycles:

- Excellent spray distribution in the direction of travel
- Rapid and complete spray pattern formation
- Excellent spray distribution across the boom
- Skip-free application
- Droplet size consistency

DYNAJET® PWM APPLICATION RATE CHARTS FOR SYSTEMS EQUIPPED WITH 115880 DYNAJET VALVES

35 CM TIP SPACING

TIP SIZE	GAUGE PRESSURE (bar)	30% MINIMUM DUTY CYCLE									SPEED RANGE (km/h)																	
		TJ60	XR / XRC	TT	TTJ60	AITTJ60	AI / AIC	TTI60	TTI	APTJ*	50 l/ha		75 l/ha		100 l/ha		125 l/ha		150 l/ha		175 l/ha		200 l/ha		250 l/ha		300 l/ha	
											MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
11001	1		F	VC							2	8	1.6	5	1.2	4	0.9	3	0.8	3	0.7	2	0.6	2	0.5	1.6	0.4	1.3
	1.5		F	C							3	10	2	6	1.4	5	1.2	4	1.0	3	0.8	3	0.7	2	0.6	2	0.5	1.6
	2		F	C							3	11	2	7	1.6	5	1.3	4	1.1	4	0.9	3	0.8	3	0.7	2	0.5	1.8
	3		F	M							4	13	3	9	2	7	1.6	5	1.3	4	1.1	4	1.0	3	0.8	3	0.7	2
	4		VF	M							5	15	3	10	2	8	1.9	6	1.5	5	1.3	4	1.2	4	0.9	3	0.8	3
	5			F							5	17	3	12	3	9	2	7	1.7	6	1.5	5	1.3	4	1.0	3	0.9	3
	6			F							6	19	4	13	3	9	2	8	1.9	6	1.6	5	1.4	5	1.1	4	0.9	3
110015	1		M	VC					UC		3	12	2	8	1.7	6	1.4	5	1.2	4	1.0	3	0.9	3	0.7	2	0.6	2
	1.5		F	VC					UC	UC	4	14	3	10	2	7	1.7	6	1.4	5	1.2	4	1.1	4	0.9	3	0.7	2
	2		F	C			XC		UC	UC	5	16	3	11	2	8	2	7	1.6	5	1.4	5	1.2	4	1.0	3	0.8	3
	3		F	M			XC		XC	UC	6	20	4	13	3	10	2	8	2	7	1.7	6	1.5	5	1.2	4	1.0	3
	4		F	M			VC		XC	UC	7	23	5	16	3	12	3	9	2	8	2	7	1.7	6	1.4	5	1.2	4
	5			M			VC		VC	XC	8	26	5	17	4	13	3	10	3	9	2	7	2	7	1.6	5	1.3	4
	6			F			C		VC	XC	9	28	6	19	4	14	3	11	3	9	2	8	2	7	1.7	6	1.4	5
	7						C		VC	XC	9	31	6	21	5	15	4	12	3	10	3	9	2	8	1.9	6	1.5	5
11002	1		M	VC					UC		5	15	3	10	2	8	1.9	6	1.5	5	1.3	4	1.2	4	0.9	3	0.8	3
	1.5		M	VC	C	XC		UC	UC	UC	6	19	4	13	3	9	2	8	1.9	6	1.6	5	1.4	5	1.1	4	0.9	3
	2	F	F	C	C	XC	XC	XC	UC	UC	7	22	4	15	3	11	3	9	2	7	1.9	6	1.6	5	1.3	4	1.1	4
	3	F	F	M	M	VC	XC	XC	XC	UC	8	27	5	18	4	14	3	11	3	9	2	8	2	7	1.6	5	1.4	5
	4	F	F	M	M	C	VC	VC	XC	UC	9	31	6	21	5	16	4	12	3	10	3	9	2	8	1.9	6	1.6	5
	5			M	M	C	VC	VC	VC	XC	10	35	7	23	5	17	4	14	3	12	3	10	3	9	2	7	1.7	6
	6			F	M	M	C	C	VC	XC	12	38	8	26	6	19	5	15	4	13	3	11	3	10	2	8	2	6
	7						C	C	VC	XC	12	41	8	28	6	21	5	17	4	14	4	12	3	10	2	8	2	7
11025	1		M	VC					UC		6	19	4	13	3	10	2	8	2	6	1.6	5	1.4	5	1.2	4	1.0	3
	1.5		M	VC	VC	XC		UC	UC		7	24	5	16	4	12	3	9	2	8	2	7	1.8	6	1.4	5	1.2	4
	2		M	C	C	XC		XC	UC	UC	8	27	5	18	4	14	3	11	3	9	2	8	2	7	1.6	5	1.4	5
	3		F	M	M	VC	XC	XC	XC	UC	10	34	7	22	5	17	4	13	3	11	3	10	3	8	2	7	1.7	6
	4		F	M	M	C	VC	VC	XC	UC	12	39	8	26	6	19	5	15	4	13	3	11	3	10	2	8	2	6
	5			M	M	C	VC	VC	VC	XC	13	43	9	29	6	22	5	17	4	14	4	12	3	11	3	9	2	7
	6			F	M	C	C	C	VC	XC	14	47	9	32	7	24	6	19	5	16	4	14	4	12	3	9	2	8
	7						C	C	VC	XC	15	51	10	34	8	26	6	21	5	17	4	15	4	13	3	10	3	9
11003	1.5		M	VC	VC	XC		UC	UC		8	28	6	19	4	14	3	11	3	9	2	8	2	7	1.7	6	1.4	5
	2		M	C	C	XC		UC	UC	UC	10	32	6	21	5	16	4	13	3	11	3	9	2	8	2	6	1.6	5
	3	F	F	M	C	VC	XC	XC	XC	UC	12	40	8	27	6	20	5	16	4	13	3	11	3	10	2	8	2	7
	4	F	F	M	M	VC	VC	XC	XC	UC	14	46	9	31	7	23	6	18	5	15	4	13	3	11	3	9	2	8
	5			M	M	C	VC	VC	VC	XC	15	51	10	34	8	26	6	20	5	17	4	15	4	13	3	10	3	9
	6			F	M	C	C	VC	VC	XC	17	56	11	37	8	28	7	22	6	19	5	16	4	14	3	11	3	9
	7						C	VC	VC	XC	18	61	12	40	9	30	7	24	6	20	5	17	5	15	4	12	3	10
11004	1.5		M	VC	VC	XC		UC	UC		11	37	7	25	6	19	4	15	4	12	3	11	3	9	2	7	1.9	6
	2		M	C	C	XC		UC	UC	UC	13	43	9	29	6	21	5	17	4	14	4	12	3	11	3	9	2	7
	3	F	M	M	C	VC	XC	XC	XC	UC	16	52	10	35	8	26	6	21	5	17	4	15	4	13	3	10	3	9
	4	F	F	M	M	VC	VC	XC	XC	UC	18	61	12	40	9	30	7	24	6	20	5	17	5	15	4	12	3	10
	5			M	M	C	VC	VC	VC	UC	20	68	14	45	10	34	8	27	7	23	6	19	5	17	4	14	3	11
	6			F	M	C	C	VC	VC	XC	22	74	15	50	11	37	9	30	7	25	6	21	6	19	4	15	4	12
	7						C	VC	VC	XC	24	80	16	53	12	40	10	32	8	27	7	23	6	20	5	16	4	13
11005	1.5		M	VC	VC	UC		UC	UC		14	45	9	30	7	23	5	18	5	15	4	13	3	11	3	9	2	8
	2		M	M	M	XC		UC	UC	UC	16	52	10	35	8	26	6	21	5	17	4	15	4	13	3	10	3	9
	3	M	M	M	M	VC	XC	XC	UC	UC	19	64	13	43	10	32	8	26	6	21	6	18	5	16	4	13	3	11
	4	M	F	M	M	VC	VC	XC	XC	UC	22	75	15	50	11	37	9	30	7	25	6	21	6	19	4	15	4	12
	5			M	M	M	VC	VC	VC	UC	25	84	17	56	13	42	10	33	8	28	7	24	6	21	5	17	4	14
	6			F	M	M	VC	VC	VC	XC	27	92	18	61	14	46	11	37	9	31	8	26	7	23	5	18	5	15
	7						C	VC	VC	XC	30	99	20	66	15	49	12	39	10	33	8	28	7	25	6	20	5	16
11006	1.5		M	VC	VC	UC		UC	UC		16	53	11	36	8	27	6	21	5	18	5	15	4	13	3	11	3	9
	2		M	VC	C	XC		UC	UC	UC	19	62	12	41	9	31	7	25	6	21	5	18	5	16	4	12	3	10
	3	M	M	C	C	VC	XC	XC	UC	UC	23	76	15	51	11	38	9	31	8	25	7	22	6	19	5	15	4	13
	4	M	M	M	M	VC	VC	XC	XC	UC	26	88	18	59	13	44	11	35	9	29	8	25	7	22	5	18	4	15
	5			M	M	VC	VC	XC	VC	UC	30	99	20	66	15	49	12	39	10	33	8	28	7	25	6	20	5	16
	6			F	M	C	VC	VC	VC	XC	32	108	22	72	16	54	13	43	11	36	9	31	8	27	6	22	5	18
	7			F	M	C	VC	VC	VC	XC	35	117	23	78	18	58	14	47	12	39	10	33	9	29	7	23	6	19
11008	1.5		C	XC					UC		20	67	13	45	10	34	8	27	7	22	6	19	5	17	4	13	3	11
	2		M	VC	C	UC		UC	UC	UC	23	78	16	52	12	39	9	31	8	26	7	22	6	20	5	16	4	13
	3	M	M	C	C	XC	XC	UC	UC	UC	29	96	19	64	14	48	12	39	10	32	8	28	7	24	6	19	5	16
	4	M	M	M	M	XC	XC	XC	XC	UC	33	111	22	74	17	56	13	45	11	37	10	32	8	28	7	22	6	19
	5	M	M	M	M	XC	VC	XC	VC	UC	37	125	25	83	19	62	15	50	12	42	11	36	9	31	7	25	6	21
	6			M	M	VC	VC	VC	VC	XC	41	137	27	91	21	68	16	55	14	46	12	39	10	34	8	27	7	23
	7			M	M	VC	VC	VC	VC	XC	44	148	30	99	22	74	18	59	15	49	13	42	11	37	9	30	7	25
11010	1.5		C	UC					UC		23	78	16	52	12	39	9	31	8	26	7	22	6	20	5	16	4	13
	2		C	XC	VC	UC			UC		27	91	18	60	14	45	11	36	9	30	8	26	7	23	5	18	5	15
	3	M	C	XC	VC	UC	UC		UC		34	112	22	75	17	56	13	45	11	37	10	32	8	28	7	22	6	19
	4	M	M	VC	C	XC	XC		UC		39	129	26	86	19	65	16	52	13	43	11	37	10	32	8	26	6	22
	5	M	M	C	C	XC	XC		XC		43	144	29	96	22	72	17	58	14	48	12	41	11	36	9	29	7	24
	6			C	M	VC	XC		VC		47	158	32	105	24	79	19	63	16	53	14	45	12	40	9	32	8	26
	7			C	M	VC	XC		VC		51	171	34	114	26	85	20	68	17	57	15	49	13	43	10	34	9	28
11012	2			UC							29	97	19	65	15	49	12	39	10	32	8	28	7	24	6	19	5	16
	3			XC							36	119	24	80	18	60	14	48	12	40	10	34	9	30	7	24	6	20
	4			XC							41	138	28	92	21	69	17	55	14	46	12	39	10	34	8	28	7	23
	5			VC							46	154	31	103	23	77	18	62	15	51	13	44	12	38	9	31	8	26
	6			VC							51	168	34	112	25	84	20	67	17	56	14	48	13	42	10	34	8	28
	7			VC							54	181	36	121	27	91	22	72	18	60	16	52	14	45	11	36	9	30

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. Droplet size classification shown is based on ISO 25358 and is subject to change. PWM Duty Cycle of 30–100%. PWM gauge pressures shown may differ when using other brand PWM control systems and different solenoid models. *Refer to data sheet DS116905M for AccuPulse® (APTJ) application rate information.

DYNAJET® PWM APPLICATION RATE CHARTS FOR SYSTEMS EQUIPPED WITH 115880 DYNAJET VALVES

50 CM TIP SPACING

TIP SIZE	GAUGE PRESSURE (bar)	30% MINIMUM DUTY CYCLE									SPEED RANGE (km/h)																	
		TJ60	XR / XRC	TT	TTJ60	AITTJ60	AI / AIC	TTI60	TTI	APTJ *	50 l/ha		75 l/ha		100 l/ha		125 l/ha		150 l/ha		175 l/ha		200 l/ha		250 l/ha		300 l/ha	
											MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
11001	1		F	VC							1.7	6	1.1	4	0.8	3	0.7	2	0.6	1.8	0.5	1.6	0.4	1.4	0.3	1.1	0.3	0.9
	1.5		F	C							2	7	1.3	4	1.0	3	0.8	3	0.7	2	0.6	2	0.5	1.7	0.4	1.3	0.3	1.1
	2		F	C							2	8	1.5	5	1.2	4	0.9	3	0.8	3	0.7	2	0.6	2	0.5	1.5	0.4	1.3
	3		F	M							3	9	1.9	6	1.4	5	1.1	4	0.9	3	0.8	3	0.7	2	0.6	1.9	0.5	1.6
	4		VF	M							3	11	2	7	1.6	5	1.3	4	1.1	4	0.9	3	0.8	3	0.6	2	0.5	1.8
	5			F							4	12	2	8	1.8	6	1.5	5	1.2	4	1.0	3	0.9	3	0.7	2	0.6	2
	6			F							4	13	3	9	2	7	1.6	5	1.3	4	1.1	4	1.0	3	0.8	3	0.7	2
110015	1		M	VC					UC		2	8	1.6	5	1.2	4	1.0	3	0.8	3	0.7	2	0.6	2	0.5	1.6	0.4	1.4
	1.5		F	VC					UC	UC	3	10	2	7	1.5	5	1.2	4	1.0	3	0.9	3	0.8	3	0.6	2	0.5	1.7
	2		F	C			XC		UC	UC	3	12	2	8	1.7	6	1.4	5	1.2	4	1.0	3	0.9	3	0.7	2	0.6	2
	3		F	M			XC		XC	UC	4	14	3	9	2	7	1.7	6	1.4	5	1.2	4	1.1	4	0.8	3	0.7	2
	4		F	M			VC		XC	UC	5	16	3	11	2	8	2	7	1.6	5	1.4	5	1.2	4	1.0	3	0.8	3
	5			M			VC		VC	XC	5	18	4	12	3	9	2	7	1.8	6	1.6	5	1.4	5	1.1	4	0.9	3
	6			F			C		VC	XC	6	20	4	13	3	10	2	8	2	7	1.7	6	1.5	5	1.2	4	1.0	3
	7						C		VC	XC	6	22	4	14	3	11	3	9	2	7	1.9	6	1.6	5	1.3	4	1.1	4
11002	1		M	VC					UC		3	11	2	7	1.6	5	1.3	4	1.1	4	0.9	3	0.8	3	0.6	2	0.5	1.8
	1.5		M	VC	C	XC		UC	UC	UC	4	13	3	9	2	7	1.6	5	1.3	4	1.1	4	1.0	3	0.8	3	0.7	2
	2	F	F	C	C	XC	XC	XC	UC	UC	5	15	3	10	2	8	1.8	6	1.5	5	1.3	4	1.2	4	0.9	3	0.8	3
	3	F	F	M	M	VC	XC	XC	XC	UC	6	19	4	13	3	9	2	8	1.9	6	1.6	5	1.4	5	1.1	4	0.9	3
	4	F	F	M	M	C	VC	VC	XC	UC	7	22	4	15	3	11	3	9	2	7	1.9	6	1.6	5	1.3	4	1.1	4
	5			M	M	C	VC	VC	VC	XC	7	24	5	16	4	12	3	10	2	8	2	7	1.8	6	1.5	5	1.2	4
	6			F	M	M	C	C	VC	XC	8	27	5	18	4	13	3	11	3	9	2	8	2	7	1.6	5	1.3	4
	7						C	C	VC	XC	9	29	6	19	4	15	3	12	3	10	2	8	2	7	1.7	6	1.5	5
11025	1		M	VC					UC		4	13	3	9	2	7	1.6	5	1.3	4	1.2	4	1.0	3	0.8	3	0.7	2
	1.5		M	VC	VC	XC		UC	UC		5	17	3	11	2	8	2	7	1.7	6	1.4	5	1.2	4	1.0	3	0.8	3
	2		M	C	C	XC		XC	UC	UC	6	19	4	13	3	10	2	8	2	6	1.6	5	1.4	5	1.2	4	1.0	3
	3		F	M	M	VC	XC	XC	XC	UC	7	24	5	16	4	12	3	9	2	8	2	7	1.8	6	1.4	5	1.2	4
	4		F	M	M	C	VC	VC	XC	UC	8	27	5	18	4	14	3	11	3	9	2	8	2	7	1.6	5	1.4	5
	5			M	M	C	VC	VC	VC	XC	9	30	6	20	5	15	4	12	3	10	3	9	2	8	1.8	6	1.5	5
	6			F	M	C	C	C	VC	XC	10	33	7	22	5	17	4	13	3	11	3	9	2	8	2	7	1.7	6
	7						C	C	VC	XC	11	36	7	24	5	18	4	14	4	12	3	10	3	9	2	7	1.8	6
11003	1.5		M	VC	VC	XC		UC	UC		6	19	4	13	3	10	2	8	2	6	1.7	6	1.5	5	1.2	4	1.0	3
	2		M	C	C	XC		UC	UC	UC	7	23	5	15	3	11	3	9	2	8	2	6	1.7	6	1.4	5	1.1	4
	3	F	F	M	C	VC	XC	XC	XC	UC	8	28	6	19	4	14	3	11	3	9	2	8	2	7	1.7	6	1.4	5
	4	F	F	M	M	VC	VC	XC	XC	UC	10	32	6	21	5	16	4	13	3	11	3	9	2	8	2	6	1.6	5
	5			M	M	C	VC	VC	VC	XC	11	36	7	24	5	18	4	14	4	12	3	10	3	9	2	7	1.8	6
	6			F	M	C	C	VC	VC	XC	12	39	8	26	6	20	5	16	4	13	3	11	3	10	2	8	2	7
	7						C	VC	VC	XC	13	42	8	28	6	21	5	17	4	14	4	12	3	11	3	8	2	7
11004	1.5		M	VC	VC	XC		UC	UC		8	26	5	17	4	13	3	10	3	9	2	7	2	6	1.6	5	1.3	4
	2		M	C	C	XC		UC	UC	UC	9	30	6	20	5	15	4	12	3	10	3	9	2	8	1.8	6	1.5	5
	3	F	M	M	C	VC	XC	XC	XC	UC	11	37	7	24	6	18	4	15	4	12	3	10	3	9	2	7	1.8	6
	4	F	F	M	M	VC	VC	XC	XC	UC	13	42	8	28	6	21	5	17	4	14	4	12	3	11	3	8	2	7
	5			M	M	C	VC	VC	VC	UC	14	48	10	32	7	24	6	19	5	16	4	14	4	12	3	10	2	8
	6			F	M	C	C	VC	VC	XC	16	52	10	35	8	26	6	21	5	17	4	15	4	13	3	10	3	9
	7						C	VC	VC	XC	17	56	11	37	8	28	7	22	6	19	5	16	4	14	3	11	3	9
11005	1.5		M	VC	VC	UC		UC	UC		10	32	6	21	5	16	4	13	3	11	3	9	2	8	2	6	1.6	5
	2		M	M	M	XC		UC	UC	UC	11	37	7	24	6	18	4	15	4	12	3	10	3	9	2	7	1.8	6
	3	M	M	M	M	VC	XC	XC	UC	UC	14	45	9	30	7	23	5	18	5	15	4	13	3	11	3	9	2	8
	4	M	F	M	M	VC	VC	XC	XC	UC	16	52	10	35	8	26	6	21	5	17	4	15	4	13	3	10	3	9
	5			M	M	M	VC	VC	VC	UC	18	59	12	39	9	29	7	23	6	20	5	17	4	15	4	12	3	10
	6			F	M	M	VC	VC	VC	XC	19	64	13	43	10	32	8	26	6	21	5	18	5	16	4	13	3	11
	7						C	VC	VC	XC	21	69	14	46	10	35	8	28	7	23	6	20	5	17	4	14	3	12
11006	1.5		M	VC	VC	UC		UC	UC		11	37	7	25	6	19	4	15	4	12	3	11	3	9	2	7	1.9	6
	2		M	VC	C	XC		UC	UC	UC	13	43	9	29	7	22	5	17	4	14	4	12	3	11	3	9	2	7
	3	M	M	C	C	VC	XC	XC	UC	UC	16	54	11	36	8	27	6	21	5	18	5	15	4	13	3	11	3	9
	4	M	M	M	M	VC	VC	XC	XC	UC	19	62	12	41	9	31	7	25	6	21	5	18	5	15	4	12	3	10
	5			M	M	VC	VC	XC	VC	UC	21	69	14	46	10	35	8	28	7	23	6	20	5	17	4	14	3	12
	6			F	M	C	VC	VC	VC	XC	23	76	15	50	11	38	9	30	8	25	6	22	6	19	5	15	4	13
	7			F	M	C	VC	VC	VC	XC	25	82	16	55	12	41	10	33	8	27	7	23	6	20	5	16	4	14
11008	1.5		C	XC					UC		14	47	9	31	7	24	6	19	5	16	4	13	4	12	3	9	2	8
	2		M	VC	C	UC		UC	UC	UC	16	55	11	36	8	27	7	22	5	18	5	16	4	14	3	11	3	9
	3	M	M	C	C	XC	XC	UC	UC	UC	20	67	13	45	10	34	8	27	7	22	6	19	5	17	4	13	3	11
	4	M	M	M	M	XC	XC	XC	XC	UC	23	78	16	52	12	39	9	31	8	26	7	22	6	20	5	16	4	13
	5	M	M	M	M	XC	VC	XC	VC	UC	26	87	17	58	13	44	10	35	9	29	7	25	7	22	5	17	4	15
	6			M	M	VC	VC	VC	VC	XC	29	96	19	64	14	48	11	38	10	32	8	27	7	24	6	19	5	16
	7			M	M	VC	VC	VC	VC	XC	31	103	21	69	16	52	12	41	10	34	9	30	8	26	6	21	5	17
11010	1.5		C	UC					UC		16	55	11	36	8	27	7	22	5	18	5	16	4	14	3	11	3	9
	2		C	XC	VC	UC			UC		19	63	13	42	10	32	8	25	6	21	5	18	5	16	4	13	3	11
	3	M	C	XC	VC	UC	UC		UC		23	78	16	52	12	39	9	31	8	26	7	22	6	20	5	16	4	13
	4	M	M	VC	C	XC	XC		UC		27	90	18	60	14	45	11	36	9	30	8	26	7	23	5	18	5	15
	5	M	M	C	C	XC	XC		XC		30	101	20	67	15	51	12	40	10	34	9	29	8	25	6	20	5	17
	6			C	M	VC	XC		VC		33	111	22	74	17	55	13	44	11	37	9	32	8	28	7	22	6	18
	7			C	M	VC	XC		VC		36	120	24	80	18	60	14	48	12	40	10	34	9	30	7	24	6	20
11012	2			UC							20	68	14	45	10	34	8	27	7	23	6	19	5	17	4	14	3	11
	3			XC							25	84	17	56	13	42	10	33	8	28	7	24	6	21	5	17	4	14
	4			XC							29	96	19	64	14	48	12	39	10	32	8	28	7	24	6	19	5	16
	5			VC							32	108	22	72	16	54	13	43	11	36	9	31	8	27	6	22	5	18
	6			VC							35	118	24	79	18	59	14	47	12	39	10	34	9	29	7	24	6	20
	7			VC							38	127	25	84	19	63	15	51	13	42	11	36	10	32	8	25	6	21

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. Droplet size classification shown is based on ISO 25358 and is subject to change. PWM Duty Cycle of 30–100%. PWM gauge pressures shown may differ when using other brand PWM control systems and different solenoid models. *Refer to data sheet DS116905M for AccuPulse® (APTJ) application rate information.