

# AccuPulse® TwinJet® TWIN FLAT SPRAY



BROADCAST NOZZLES

## Typical Applications



**HERBICIDE**  
SOIL APPLIED  
**EXCELLENT**  
SYSTEMIC  
**EXCELLENT**



**FERTILIZER**  
BROADCAST  
**EXCELLENT**



**DRIFT CONTROL**  
**EXCELLENT**



**PWM APPROVED**



## FEATURES

- Specifically designed for use on sprayers equipped with Pulse Width Modulation (PWM) spray tip control.
- Can also be used for non-PWM applications, where maximum drift control is desired.
- Non-air induction Twin spray tip, that produces highly drift-resistant droplets (XC and UC).
- Patent-pending recirculating design and concave exit orifice geometry provide optimal spray performance.
- Twin spray pattern allows for improved coverage and canopy penetration.
- Compact design fits into tight boom spaces and is less likely to be damaged during field use.
- Available in ten VisiFlo® Polymer (VP) capacities.
- Optimal for burndown, pre-emerge, and post-emerge systemic applications.
- Automatic spray alignment with Quick TeeJet® cap and gasket 114441A-\* -CELR (01 to 08) or 114502A-\* -CELR (10 and 12). Reference page 118 for more information.

### SPRAY PATTERN



### DROPLET SIZE CLASSIFICATION



### OPTIMUM SPRAY HEIGHT

ANGLE	20" SPACING HEIGHT
110°	20"

### RECOMMENDED PRESSURE RANGE



### MATERIALS AVAILABLE



## HOW TO ORDER

Polymer with VisiFlo color-coding

A P T J - 1 1 0 0 4 V P

Tip Type    Spray Angle    Capacity Size    Material Code

Polymer with VisiFlo color-coding, includes Quick TeeJet® cap and gasket\*

A P T J - 1 1 0 0 4 V P - C E

Tip Type    Spray Angle    Capacity Size    Material Code    Cap and Gasket Included

\*Reference page 118 for more caps information.



# AccuPulse TwinJet® TWIN FLAT SPRAY



**APPLICATION RATE FOR 20" SPRAY TIP SPACING**

TIP PART NO. (STRAINER MESH SIZE)	PSI	DROP SIZE	CAPACITY ONE TIP IN GPM	CAPACITY ONE TIP IN OZ/MIN	GALLONS PER ACRE (GPA)										TURF APPLICATION GALLONS PER 1000 SQ. FT.			
					4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH	
					APTJ-11001VP (100)	20	UC	0.115	15	8.5	6.8	5.7	4.3	3.4	2.8	2.4	2.1	1.7
30	UC	0.134	17	9.9		8.0	6.6	5.0	4.0	3.3	2.8	2.5	2.0	0.46	0.30	0.23	0.18	
40	UC	0.150	19	11.1		8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.2	0.51	0.34	0.26	0.20	
50	UC	0.163	21	12.1		9.7	8.1	6.1	4.8	4.0	3.5	3.0	2.4	0.55	0.37	0.28	0.22	
60	XC	0.175	22	13.0		10.4	8.7	6.5	5.2	4.3	3.7	3.2	2.6	0.60	0.40	0.30	0.24	
70	XC	0.185	24	13.7		11.0	9.2	6.9	5.5	4.6	3.9	3.4	2.7	0.63	0.42	0.31	0.25	
80	XC	0.195	25	14.5		11.6	9.7	7.2	5.8	4.8	4.1	3.6	2.9	0.66	0.44	0.33	0.27	
90	XC	0.204	26	15.1		12.1	10.1	7.6	6.1	5.0	4.3	3.8	3.0	0.7	0.46	0.35	0.28	
100	XC	0.212	27	15.7		12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.1	0.7	0.48	0.36	0.29	
APTJ-11002VP (100)	20	UC	0.15	19		11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.2	0.51	0.34	0.26	0.20
	30	UC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.8	3.3	2.7	0.61	0.41	0.31	0.24	
	40	UC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.2	3.7	3.0	0.68	0.45	0.34	0.27	
	50	UC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.7	4.1	3.3	0.75	0.50	0.37	0.30	
	60	UC	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.9	4.3	3.4	0.78	0.52	0.39	0.31	
	70	XC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.3	4.6	3.7	0.85	0.57	0.43	0.34	
	80	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.5	4.8	3.9	0.88	0.59	0.44	0.35	
	90	XC	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.7	5.0	4.0	0.9	0.61	0.46	0.37	
	100	XC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.9	5.2	4.2	1.0	0.63	0.48	0.38	
	APTJ-110025VP (100)	20	UC	0.19	24	14.1	11.3	9.4	7.1	5.6	4.7	4.0	3.5	2.8	0.65	0.43	0.32	0.26
30		UC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.7	4.1	3.3	0.75	0.50	0.37	0.30	
40		UC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.3	4.6	3.7	0.85	0.57	0.43	0.34	
50		UC	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.7	5.0	4.0	0.92	0.61	0.46	0.37	
60		UC	0.29	37	22	17.2	14.4	10.8	8.6	7.2	6.2	5.4	4.3	1.0	0.66	0.49	0.39	
70		XC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.6	5.8	4.6	1.1	0.70	0.53	0.42	
80		XC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	7.0	6.1	4.9	1.1	0.75	0.56	0.45	
90		XC	0.34	44	25	20	16.8	12.6	10.1	8.4	7.2	6.3	5.0	1.2	0.77	0.58	0.46	
100		XC	0.35	45	26	21	17.3	13.0	10.4	8.7	7.4	6.5	5.2	1.2	0.79	0.60	0.48	
APTJ-11003VP (50)		20	UC	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.9	4.3	3.4	0.78	0.52	0.39	0.31
	30	UC	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.7	5.0	4.0	0.92	0.61	0.46	0.37	
	40	UC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	6.4	5.6	4.5	1.0	0.68	0.51	0.41	
	50	UC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	7.0	6.1	4.9	1.1	0.75	0.56	0.45	
	60	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	7.4	6.5	5.2	1.2	0.79	0.60	0.48	
	70	XC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.8	6.9	5.5	1.3	0.84	0.63	0.50	
	80	XC	0.39	50	29	23	19.3	14.5	11.6	9.7	8.3	7.2	5.8	1.3	0.88	0.66	0.53	
	90	XC	0.41	52	30	24	20	15.2	12.2	10.1	8.7	7.6	6.1	1.4	0.9	0.70	0.56	
	100	XC	0.42	54	31	25	21	15.6	12.5	10.4	8.9	7.8	6.2	1.4	1.0	0.71	0.57	
	APTJ-11004VP (50)	20	UC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.6	5.8	4.6	1.05	0.70	0.53	0.42
30		UC	0.36	46	27	21	17.8	13.4	10.7	8.9	7.6	6.7	5.3	1.2	0.82	0.61	0.49	
40		UC	0.40	51	30	24	19.8	14.9	11.9	9.9	8.5	7.4	5.9	1.4	0.91	0.68	0.54	
50		UC	0.43	55	32	26	21	16.0	12.8	10.6	9.1	8.0	6.4	1.5	1.0	0.73	0.58	
60		UC	0.47	60	35	28	23	17.4	14.0	11.6	10.0	8.7	7.0	1.6	1.1	0.80	0.64	
70		XC	0.49	63	36	29	24	18.2	14.6	12.1	10.4	9.1	7.3	1.7	1.1	0.83	0.67	
80		XC	0.52	67	39	31	26	19.3	15.4	12.9	11.0	9.7	7.7	1.8	1.2	0.88	0.71	
90		XC	0.54	69	40	32	27	20	16.0	13.4	11.5	10.0	8.0	1.8	1.2	0.9	0.73	
100		XC	0.56	72	42	33	28	21	16.6	13.9	11.9	10.4	8.3	1.9	1.3	1.0	0.76	
APTJ-11005VP (50)		20	UC	0.38	49	28	23	18.8	14.1	11.3	9.4	8.1	7.1	5.6	1.3	0.86	0.65	0.52
	30	UC	0.45	58	33	27	22	16.7	13.4	11.1	9.5	8.4	6.7	1.5	1.02	0.77	0.61	
	40	UC	0.50	64	37	30	25	18.6	14.9	12.4	10.6	9.3	7.4	1.7	1.1	0.85	0.68	
	50	UC	0.55	70	41	33	27	20	16.3	13.6	11.7	10.2	8.2	1.9	1.2	0.94	0.75	
	60	UC	0.59	76	44	35	29	22	17.5	14.6	12.5	11.0	8.8	2.0	1.3	1.0	0.80	
	70	XC	0.63	81	47	37	31	23	18.7	15.6	13.4	11.7	9.4	2.1	1.4	1.1	0.86	
	80	XC	0.66	84	49	39	33	25	19.6	16.3	14.0	12.3	9.8	2.2	1.5	1.1	0.90	
	90	XC	0.69	88	51	41	34	26	20	17.1	14.6	12.8	10.2	2.3	1.6	1.2	0.9	
	100	XC	0.72	92	53	43	36	27	21	17.8	15.3	13.4	10.7	2.4	1.6	1.2	1.0	
	APTJ-11006VP (50)	20	UC	0.45	58	33	27	22	16.7	13.4	11.1	9.5	8.4	6.7	1.5	1.02	0.77	0.61
30		UC	0.53	68	39	31	26	19.7	15.7	13.1	11.2	9.8	7.9	1.8	1.2	0.90	0.72	
40		UC	0.60	77	45	36	30	22	17.8	14.9	12.7	11.1	8.9	2.0	1.4	1.0	0.82	
50		UC	0.66	84	49	39	33	25	19.6	16.3	14.0	12.3	9.8	2.2	1.5	1.1	0.90	
60		UC	0.71	91	53	42	35	26	21	17.6	15.1	13.2	10.5	2.4	1.6	1.2	0.97	
70		XC	0.76	97	56	45	38	28	23	18.8	16.1	14.1	11.3	2.6	1.7	1.3	1.0	
80		XC	0.80	102	59	48	40	30	24	19.8	17.0	14.9	11.9	2.7	1.8	1.4	1.1	
90		XC	0.84	108	62	50	42	31	25	21	17.8	15.6	12.5	2.9	1.9	1.4	1.1	
100		XC	0.88	113	65	52	44	33	26	22	18.7	16.3	13.1	3.0	2.0	1.5	1.2	
APTJ-11008VP (50)		20	UC	0.60	77	45	36	30	22	17.8	14.9	12.7	11.1	8.9	2.0	1.4	1.02	0.82
	30	UC	0.71	91	53	42	35	26	21	17.6	15.1	13.2	10.5	2.4	1.6	1.2	0.97	
	40	UC	0.80	102	59	48	40	30	24	19.8	17.0	14.9	11.9	2.7	1.8	1.4	1.1	
	50	UC	0.88	113	65	52	44	33	26	22	18.7	16.3	13.1	3.0	2.0	1.5	1.2	
	60	UC	0.95	122	71	56	47	35	28	24	20	17.6	14.1	3.2	2.2	1.6	1.3	
	70	XC	1.02	131	76	61	50	38	30	25	22	18.9	15.1	3.5	2.3	1.7	1.4	
	80	XC	1.08	138	80	64	53	40	32	27	23	20	16.0	3.7	2.4	1.8	1.5	
	90	XC	1.13	145	84	67	56	42	34	28	24	21	16.8	3.8	2.6	1.9	1.5	
	100	XC	1.18	151	88	70	58	44	35	29	25	22	17.5	4.0	2.7	2.0	1.6	
	APTJ-11010VP (50)	20	UC	0.74	95	55	44	37	27	22	18.3	1						