TURBO DROP®

Greenleaf Nozzles for Golf Course and Turf Grass Applications

Greenleaf nozzles are designed to provide a unique balance of coverage, penetration and drift control. The single fan TurboDrop® TDXL is preferred for soil applied products and for maximum drift control. The DualFan TDAD provides "two-sided" coverage for growth regulators, contact fungicides and other coverage critical applications. Both deliver air-energized spray droplets for maximizing on-target performance, and both nozzles come apart by hand for easy maintenance. They are available in a variety of sizes, with either a poly (TDXL, TDAD) or ceramic metering orifice (TDCXL, TDCAD).

*Also available in ceramic metering orifice. Add "C" after TD for Ceramic.	Liquid Pressure PSI	TDXL DROPLET SIZE ASABE	TDAD DROPLET SIZE ASABE	Nozzle Capacity GPM	GALLONS PER THOUSAND SQ. FT. BASED ON 20" NOZZLE SPACING								
					2 MPH	2.5 MPH	3 MPH	3.5 MPH	4 MPH	4.5 MPH	5 MPH	5.5 MPH	6 MPH
TDXL110015* Standard TurboDrop (Use 100 mesh) **TDAD015*** DualFan TurboDrop (Use 100 mesh)	30	C	M	0.13	0.44	0.35	0.29	0.25	0.22	0.20	0.18	0.16	0.15
	40	C	M	0.15	0.51	0.41	0.34	0.29	0.26	0.23	0.20	0.19	0.17
	50	M	M	0.17	0.57	0.46	0.38	0.33	0.29	0.25	0.23	0.21	0.19
	60	M	M	0.18	0.62	0.50	0.42	0.36	0.31	0.28	0.25	0.23	0.21
	70	M	M	0.20	0.67	0.54	0.45	0.39	0.34	0.30	0.27	0.25	0.22
	80	M	F	0.21	0.72	0.58	0.48	0.41	0.36	0.32	0.29	0.26	0.24
	100	F	F	0.24	0.81	0.65	0.54	0.46	0.40	0.36	0.32	0.29	0.27
TDXL11002* Standard TurboDrop (Use 50 mesh) **TDAD02*** DualFan TurboDrop (Use 100 mesh)	30	C	C	0.17	0.59	0.47	0.39	0.34	0.29	0.26	0.24	0.21	0.20
	40	C	M	0.20	0.68	0.54	0.45	0.39	0.34	0.30	0.27	0.25	0.23
	50	M	M	0.22	0.76	0.61	0.51	0.43	0.38	0.34	0.30	0.28	0.25
	60	M	M	0.24	0.83	0.67	0.56	0.48	0.42	0.37	0.33	0.30	0.28
	70	M	M	0.26	0.90	0.72	0.60	0.51	0.45	0.40	0.36	0.33	0.30
	80	M	F	0.28	0.96	0.77	0.64	0.55	0.48	0.43	0.38	0.35	0.32
	100	F	F	0.32	1.08	0.86	0.72	0.61	0.54	0.48	0.43	0.39	0.36
TDXL110025* Standard TurboDrop (Use 50 mesh) **TDAD025*** DualFan TurboDrop (Use 100 mesh)	30	VC	C	0.22	0.74	0.59	0.49	0.42	0.37	0.33	0.29	0.27	0.25
	40	VC	C	0.25	0.85	0.68	0.57	0.49	0.43	0.38	0.34	0.31	0.28
	50	C	M	0.28	0.95	0.76	0.63	0.54	0.48	0.42	0.38	0.35	0.32
	60	M	M	0.31	1.04	0.83	0.69	0.59	0.52	0.46	0.42	0.38	0.35
	70	M	M	0.33	1.12	0.90	0.75	0.64	0.56	0.50	0.45	0.41	0.37
	80	M	M	0.35	1.20	0.96	0.80	0.69	0.60	0.53	0.48	0.44	0.40
	100	M	F	0.40	1.34	1.08	0.90	0.77	0.67	0.60	0.54	0.49	0.45
TDXL11003* Standard TurboDrop (Use 50 mesh) **TDAD03*** DualFan TurboDrop (Use 50 mesh)	30	XC	C	0.26	0.88	0.71	0.59	0.50	0.44	0.39	0.35	0.32	0.29
	40	VC	C	0.30	1.02	0.82	0.68	0.58	0.51	0.45	0.41	0.37	0.34
	50	C	M	0.34	1.14	0.91	0.76	0.65	0.57	0.51	0.46	0.41	0.38
	60	C	M	0.37	1.25	1.00	0.83	0.71	0.62	0.56	0.50	0.45	0.42
	70	M	M	0.40	1.35	1.08	0.90	0.77	0.67	0.60	0.54	0.49	0.45
	80	M	M	0.42	1.44	1.15	0.96	0.82	0.72	0.64	0.58	0.52	0.48
	100	M	F	0.47	1.61	1.29	1.08	0.92	0.81	0.72	0.65	0.59	0.54
TDXL11004* Standard TurboDrop (Use 50 mesh) **TDAD04*** DualFan TurboDrop (Use 50 mesh)	30	XC	C	0.35	1.18	0.94	0.79	0.67	0.59	0.52	0.47	0.43	0.39
	40	VC	C	0.40	1.36	1.09	0.91	0.78	0.68	0.60	0.54	0.49	0.45
	50	C	M	0.45	1.52	1.22	1.01	0.87	0.76	0.68	0.61	0.55	0.51
	60	C	M	0.49	1.67	1.33	1.11	0.95	0.83	0.74	0.67	0.61	0.56
	70	M	M	0.53	1.80	1.44	1.20	1.03	0.90	0.80	0.72	0.65	0.60
	80	M	M	0.57	1.92	1.54	1.28	1.10	0.96	0.85	0.77	0.70	0.64
	100	M	M	0.63	2.15	1.72	1.43	1.23	1.08	0.96	0.86	0.78	0.72
TDXL11005* Standard TurboDrop (Use 24 mesh) **TDAD05*** DualFan TurboDrop (Use 50 mesh)	30	XC	VC	0.43	1.47	1.18	0.98	0.84	0.74	0.65	0.59	0.54	0.49
	40	XC	C	0.50	1.70	1.36	1.13	0.97	0.85	0.76	0.68	0.62	0.57
	50	VC	C	0.56	1.90	1.52	1.27	1.09	0.95	0.84	0.76	0.69	0.63
	60	VC	M	0.61	2.08	1.67	1.39	1.19	1.04	0.93	0.83	0.76	0.69
	70	C	M	0.66	2.25	1.80	1.50	1.29	1.12	1.00	0.90	0.82	0.75
	80	C	M	0.71	2.40	1.92	1.60	1.37	1.20	1.07	0.96	0.87	0.80
	100	M	M	0.79	2.69	2.15	1.79	1.54	1.34	1.19	1.08	0.98	0.90
TDXL11006* Standard TurboDrop (Use 24 mesh) **TDAD06*** DualFan TurboDrop (Use 50 mesh)	30	XC	VC	0.52	1.77	1.41	1.18	1.01	0.88	0.79	0.71	0.64	0.59
	40	XC	VC	0.60	2.04	1.63	1.36	1.17	1.02	0.91	0.82	0.74	0.68
	50	XC	C	0.67	2.28	1.82	1.52	1.30	1.14	1.01	0.91	0.83	0.76
	60	VC	C	0.73	2.50	2.00	1.67	1.43	1.25	1.11	1.00	0.91	0.83
	70	VC	C	0.79	2.70	2.16	1.80	1.54	1.35	1.20	1.08	0.98	0.90
	80	C	M	0.85	2.88	2.31	1.92	1.65	1.44	1.28	1.15	1.05	0.96
	100	M	M	0.95	3.23	2.58	2.15	1.84	1.61	1.43	1.29	1.17	1.08
TDXL11008* Standard TurboDrop (Use 24 mesh) **TDAD08*** DualFan TurboDrop (Use 24 mesh)	30	XC	VC	0.69	2.36	1.88	1.57	1.35	1.18	1.05	0.94	0.86	0.79
	40	XC	VC	0.80	2.72	2.18	1.81	1.55	1.36	1.21	1.09	0.99	0.91
	50	XC	C	0.89	3.04	2.43	2.03	1.74	1.52	1.35	1.22	1.11	1.01
	60	XC	C	0.98	3.33	2.67	2.22	1.90	1.67	1.48	1.33	1.21	1.11
	70	VC	C	1.06	3.60	2.88	2.40	2.06	1.80	1.60	1.44	1.31	1.20
	80	VC	M	1.13	3.85	3.08	2.56	2.20	1.92	1.71	1.54	1.40	1.28
	100	C	M	1.26	4.30	3.44	2.87	2.46	2.15	1.91	1.72	1.56	1.43
TDXL11010* Standard TurboDrop (Use 24 mesh) **TDAD10*** DualFan TurboDrop (Use 24 mesh)	30	XC	XC	0.87	2.94	2.36	1.96	1.68	1.47	1.31	1.18	1.07	0.98
	40	XC	XC	1.00	3.40	2.72	2.27	1.94	1.70	1.51	1.36	1.24	1.13
	50	XC	VC	1.12	3.80	3.04	2.53	2.17	1.90	1.69	1.52	1.38	1.27
	60	XC	VC	1.22	4.16	3.33	2.78	2.38	2.08	1.85	1.67	1.51	1.39
	70	XC	C	1.32	4.50	3.60	3.00	2.57	2.25	2.00	1.80	1.64	1.50
	80	VC	C	1.41	4.81	3.85	3.21	2.75	2.40	2.14	1.92	1.75	1.60
	100	VC	M	1.58	5.38	4.30	3.58	3.07	2.69	2.39	2.15	1.95	1.79
AMDF12 (all polyacetal) AM11006 & AM11006 (Use 50 mesh)	20		XC	0.85	2.88	2.31	1.92	1.65	1.44	1.28	1.15	1.05	0.96
	30		VC	1.04	3.53	2.83	2.36	2.02	1.77	1.57	1.41	1.28	1.18
	40		C	1.20	4.08	3.26	2.72	2.33	2.04	1.81	1.63	1.48	1.36
	50		C	1.34	4.56	3.65	3.04	2.61	2.28	2.03	1.82	1.66	1.52
	60		C	1.47	5.00	4.00	3.33	2.86	2.50	2.22	2.00	1.82	1.67
	70		M	1.59	5.40	4.32	3.60	3.08	2.70	2.40	2.16	1.96	1.80
	80		M	1.70	5.77	4.62	3.85	3.30	2.88	2.56	2.31	2.10	1.92
TDXL11015* Standard TurboDrop (Use 24 mesh) **TDAD15*** DualFan TurboDrop (Use 24 mesh)	30			1.30	4.42	3.53	2.94	2.52	2.21	1.96	1.77	1.61	1.47
	40			1.50	5.10	4.08	3.40	2.91	2.55	2.27	2.04	1.85	1.70
	50			1.68	5.70	4.56	3.80	3.26	2.85	2.53	2.28	2.07	1.90
	60			1.84	6.25	5.00	4.16	3.57	3.12	2.78	2.50	2.27	2.08
	70			1.98	6.75	5.40	4.50	3.86	3.37	3.00	2.70	2.45	2.25
	80			2.12	7.21	5.77	4.81	4.12	3.61	3.21	2.88	2.62	2.40
	100			2.37	8.06	6.45	5.38	4.61	4.03	3.58	3.23	2.93	2.69

Optimal Pressure Range: Green-shaded area **Optimal Boom Height:** 18-20" for TDXL; 16-18" for TDAD (with 20" nozzle spacing)
Recommended Droplet Size: Medium (M) and Coarse (C) for 1GPT; Coarse (C) and Very Coarse (VC) for 2GPT