Table 1-11—Atomization Parameters for Accu-Flo Double Row Nozzle

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.016 Orifice, D4 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	790	VC	0.1	802	VC	0.1	786	VC	0.2	743	VC	0.6	673	VC	1.2	575	VC	2.0	449	C	3.0
30	816	VC	0.0	829	VC	0.0	813	VC	0.2	771	VC	0.6	700	VC	1.2	603	VC	2.0	477	C	3.0
40	826	VC	0.1	838	VC	0.1	824	VC	0.3	781	VC	0.7	711	VC	1.2	613	VC	2.0	488	C	2.9
50	818	VC	0.2	831	VC	0.1	816	VC	0.3	774	VC	0.6	704	VC	1.2	607	VC	1.9	482	C	2.8
60	793	VC	0.2	807	VC	0.1	792	VC	0.2	750	VC	0.6	681	VC	1.1	584	VC	1.8	459	C	2.7

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.016 Orifice, D6 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	860	VC	0.1	876	VC	0.1	865	VC	0.1	826	VC	0.3	760	VC	0.8	667	VC	1.5	545	VC	2.4
30	886	VC	0.1	902	VC	0.1	892	VC	0.1	853	VC	0.4	788	VC	0.8	694	VC	1.5	573	VC	2.4
40	895	VC	0.2	912	VC	0.0	901	VC	0.1	863	VC	0.4	798	VC	0.8	705	VC	1.5	584	VC	2.3
50	886	VC	0.2	904	VC	0.0	894	VC	0.1	856	VC	0.3	791	VC	0.8	698	VC	1.4	577	VC	2.2
60	861	VC	0.2	879	VC	0.0	869	VC	0.0	831	VC	0.3	766	VC	0.7	674	VC	1.3	554	VC	2.1

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.016 Orifice, D8 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	893	VC	0.1	914	VC	0.1	907	VC	0.1	873	VC	0.1	812	VC	0.5	722	VC	1.1	606	VC	1.9
30	918	VC	0.2	940	VC	0.0	933	VC	0.1	900	VC	0.2	838	VC	0.5	749	VC	1.1	633	VC	1.9
40	927	VC	0.3	948	VC	0.1	942	VC	0.0	909	VC	0.2	848	VC	0.5	759	VC	1.1	643	VC	1.8
50	918	VC	0.3	940	VC	0.1	934	VC	0.1	901	VC	0.1	840	VC	0.5	752	VC	1.0	636	VC	1.7
60	892	VC	0.3	914	VC	0.0	909	VC	0.1	876	VC	0.0	816	VC	0.4	728	VC	0.9	612	VC	1.5

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.016 Orifice, D10 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	890	VC	0.4	915	VC	0.1	913	VC	0.1	884	VC	0.1	827	VC	0.3	742	VC	0.8	630	VC	1.5
30	915	VC	0.5	941	VC	0.1	939	VC	0.0	910	VC	0.1	853	VC	0.4	768	VC	0.8	657	VC	1.5
40	923	VC	0.5	949	VC	0.2	947	VC	0.0	918	VC	0.1	862	VC	0.3	778	VC	0.8	666	VC	1.4
50	914	VC	0.5	940	VC	0.2	939	VC	0.0	910	VC	0.0	854	VC	0.2	770	VC	0.7	659	VC	1.3
60	887	VC	0.5	914	VC	0.1	913	VC	0.1	885	VC	0.1	829	VC	0.1	745	VC	0.5	634	VC	1.1

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.016 Orifice, D12 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	850	VC	0.7	880	VC	0.3	883	VC	0.1	858	VC	0.1	805	VC	0.2	725	VC	0.6	617	VC	1.2
30	875	VC	0.8	905	VC	0.4	908	VC	0.1	883	VC	0.1	831	VC	0.3	751	VC	0.6	644	VC	1.1
40	882	VC	0.9	913	VC	0.4	916	VC	0.1	892	VC	0.1	840	VC	0.2	760	VC	0.5	653	VC	1.1
50	873	VC	0.9	904	VC	0.4	907	VC	0.1	883	VC	0.0	831	VC	0.1	752	VC	0.4	645	VC	0.9
60	846	VC	0.8	877	VC	0.3	881	VC	0.0	857	VC	0.1	805	VC	0.0	726	VC	0.3	620	VC	0.8

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.020 Orifice, D4 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	937	VC	0.1	924	VC	0.1	884	VC	0.1	816	VC	0.5	720	VC	1.1	597	VC	2.0	446	C	3.0
30	986	VC	0.1	973	VC	0.1	933	VC	0.1	865	VC	0.5	770	VC	1.1	647	VC	2.0	496	C	3.0
40	1017	VC	0.1	1005	VC	0.1	965	VC	0.1	897	VC	0.5	802	VC	1.1	679	VC	1.9	529	C	2.9
50	1031	EC	0.1	1019	EC	0.1	979	EC	0.1	912	VC	0.5	817	VC	1.1	695	VC	1.9	545	VC	2.8
60	1028	EC	0.1	1016	EC	0.1	977	EC	0.1	910	EC	0.4	816	VC	0.9	694	VC	1.7	544	C	2.7

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.020 Orifice, D6 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	1015	VC	0.1	1007	VC	0.1	971	VC	0.1	907	VC	0.2	816	VC	0.8	697	VC	1.5	551	VC	2.5
30	1063	VC	0.1	1055	VC	0.1	1019	VC	0.1	956	VC	0.3	865	VC	0.8	747	VC	1.5	601	VC	2.4
40	1094	VC	0.1	1086	VC	0.1	1050	VC	0.1	987	VC	0.3	897	VC	0.8	779	VC	1.5	633	VC	2.4
50	1108	EC	0.1	1100	EC	0.1	1065	EC	0.1	1002	VC	0.2	912	VC	0.7	794	VC	1.4	649	VC	2.3
60	1104	EC	0.1	1097	EC	0.1	1062	EC	0.1	999	EC	0.1	909	VC	0.6	792	VC	1.2	647	VC	2.1

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.020 Orifice, D8 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	1057	VC	0.1	1053	VC	0.1	1021	VC	0.1	962	VC	0.1	876	VC	0.5	761	VC	1.2	620	VC	2.0
30	1104	VC	0.0	1100	VC	0.1	1069	VC	0.1	1010	VC	0.1	924	VC	0.5	810	VC	1.2	669	VC	2.0
40	1134	VC	0.1	1131	VC	0.1	1100	EC	0.1	1042	VC	0.1	956	VC	0.5	842	VC	1.1	701	VC	1.9
50	1148	EC	0.1	1144	EC	0.1	1114	EC	0.1	1056	EC	0.0	970	VC	0.4	857	VC	1.0	716	VC	1.8
60	1144	EC	0.0	1141	EC	0.1	1110	EC	0.1	1053	EC	0.1	967	VC	0.3	854	VC	0.8	714	VC	1.6

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.020 Orifice, D10 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	1062	VC	0.2	1063	VC	0.1	1036	VC	0.1	981	EC	0.0	899	VC	0.4	789	VC	0.9	652	VC	1.6
30	1109	VC	0.3	1110	VC	0.0	1083	VC	0.1	1029	VC	0.1	947	VC	0.4	838	VC	0.9	701	VC	1.6
40	1139	VC	0.3	1140	VC	0.0	1113	EC	0.1	1059	VC	0.0	978	VC	0.3	869	VC	0.8	732	VC	1.5
50	1151	VC	0.3	1153	EC	0.0	1127	EC	0.1	1073	EC	0.1	992	VC	0.2	883	VC	0.7	747	VC	1.4
60	1147	EC	0.3	1149	EC	0.1	1123	EC	0.1	1069	EC	0.1	988	VC	0.1	880	VC	0.6	744	VC	1.2

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.020 Orifice, D12 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	1031	VC	0.6	1036	VC	0.2	1013	VC	0.1	963	EC	0.1	886	EC	0.3	781	VC	0.8	648	VC	1.4
30	1077	VC	0.7	1083	VC	0.3	1060	VC	0.1	1011	EC	0.1	933	VC	0.3	829	VC	0.7	696	VC	1.3
40	1107	VC	0.7	1112	VC	0.3	1090	VC	0.1	1041	EC	0.1	964	VC	0.3	859	VC	0.6	727	VC	1.2
50	1119	VC	0.7	1125	VC	0.3	1103	EC	0.0	1054	EC	0.0	977	VC	0.2	873	VC	0.5	741	VC	1.1
60	1114	VC	0.6	1120	EC	0.2	1099	EC	0.1	1050	EC	0.1	973	VC	0.0	869	VC	0.4	738	VC	0.9

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.028 Orifice, D4 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	928	VC	0.1	865	VC	0.1	775	VC	0.2	657	VC	0.8	511	C	1.5	338	M	2.5	137	VF	3.7
30	1020	EC	0.1	958	VC	0.1	867	VC	0.2	750	VC	0.8	604	VC	1.5	431	C	2.5	231	VF	3.6
40	1095	EC	0.1	1033	EC	0.1	943	EC	0.2	825	VC	0.7	680	VC	1.5	508	C	2.4	308	VF	3.5
50	1153	EC	0.1	1091	EC	0.1	1001	EC	0.1	884	VC	0.7	739	VC	1.4	567	C	2.3	367	VF	3.4
60	1194	EC	0.1	1132	EC	0.1	1043	EC	0.0	926	EC	0.5	781	VC	1.2	609	C	2.1	410	VF	3.2

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.028 Orifice, D6 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	1023	VC	0.1	964	VC	0.1	878	VC	0.1	765	VC	0.6	624	VC	1.3	455	C	2.1	259	VF	3.2
30	1114	EC	0.1	1056	EC	0.1	970	VC	0.2	857	VC	0.6	716	VC	1.2	548	VC	2.1	352	F	3.1
40	1189	EC	0.1	1131	EC	0.1	1045	EC	0.1	933	VC	0.6	792	VC	1.2	624	VC	2.0	428	M	3.0
50	1246	EC	0.1	1189	EC	0.1	1103	EC	0.1	991	EC	0.5	851	VC	1.1	683	VC	1.9	487	M	2.9
60	1287	EC	0.1	1229	EC	0.1	1144	EC	0.1	1032	EC	0.3	892	VC	0.9	724	VC	1.7	529	F	2.7

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.028 Orifice, D8 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	1081	EC	0.0	1027	EC	0.0	945	VC	0.2	836	VC	0.5	700	VC	1.1	536	C	1.8	344	F	2.8
30	1172	EC	0.1	1118	EC	0.0	1037	EC	0.2	928	VC	0.5	792	VC	1.1	628	VC	1.8	437	M	2.7
40	1246	EC	0.1	1193	EC	0.0	1112	EC	0.2	1003	EC	0.5	867	VC	1.0	704	VC	1.7	513	C	2.6
50	1303	EC	0.1	1250	EC	0.1	1169	EC	0.1	1061	EC	0.4	925	VC	0.9	762	VC	1.6	571	C	2.4
60	1343	EC	0.0	1290	EC	0.1	1209	EC	0.1	1102	EC	0.2	966	EC	0.7	803	VC	1.4	613	C	2.2

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING — 0.028 Orifice, D10 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	1103	EC	0.4	1053	EC	0.3	976	EC	0.3	872	VC	0.6	740	VC	1.0	580	C	1.7	393	VF	2.5
30	1194	EC	0.4	1144	EC	0.3	1068	EC	0.3	963	EC	0.6	831	VC	1.0	672	VC	1.6	485	M	2.4
40	1267	EC	0.4	1218	EC	0.3	1142	EC	0.3	1038	EC	0.5	906	VC	0.9	747	VC	1.5	561	C	2.3
50	1323	EC	0.4	1275	EC	0.2	1199	EC	0.2	1095	EC	0.4	964	VC	0.8	805	VC	1.4	619	C	2.1
60	1363	EC	0.3	1314	EC	0.1	1238	EC	0.1	1135	EC	0.2	1004	EC	0.6	846	VC	1.2	660	C	1.9

ACCU-FLO DOUBLE ROW NOZZLE ROTARY-WING

0.028 Orifice, D12 Restrictor

PSI	Airspeed, mph																				
	30			40			50			60			70			80			90		
	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100	$D_{V0.5}$	DSC	%<100
20	1088	EC	0.8	1043	EC	0.6	971	EC	0.6	871	EC	0.7	743	VC	1.0	588	M	1.6	406	VF	2.3
30	1179	EC	0.9	1134	EC	0.6	1062	EC	0.5	962	EC	0.7	835	VC	1.0	680	C	1.5	497	F	2.2
40	1252	EC	0.9	1207	EC	0.6	1135	EC	0.5	1036	EC	0.6	909	VC	0.9	754	VC	1.4	572	M	2.1
50	1307	EC	0.8	1263	EC	0.5	1192	EC	0.4	1092	EC	0.5	966	EC	0.8	811	VC	1.2	630	C	1.9
60	1346	EC	0.8	1302	EC	0.4	1231	EC	0.3	1132	EC	0.3	1006	EC	0.6	852	VC	1.0	670	C	1.7