Reel Rain Hard Hose Traveler Irrigators

Application Rate & Engine Speed Charts

Gross Application Rate vs. Ground Speed
Gross Application Rate: Depth Measured in Inches
Ground Speed: Measured in Feet Per Minute

PREFACE: How To Use The Charts

Model	Nelson Gun Model
B1025	W/SR100-24 GUN, Ring Nozzles
B1030	W/SR100-24 GUN, Ring Nozzles
B1030	W/SR150-24 GUN, Ring Nozzles
C1030	W/SR150-24 GUN, Ring Nozzles
C1033	W/SR150-24 GUN, Ring Nozzles
A1325	W/SR150-24 GUN, Ring Nozzles
A1375	W/SR150-24 GUN, Ring Nozzles
A1400/A2400	W/SR150-24 GUN, Ring Nozzles
A1400/A2400	W/SR200-24 GUN, Ring Nozzles
A1450/A2450	W/SR150-24 GUN, Ring Nozzles
A1450/A2450	W/SR200-24 GUN, Ring Nozzles
A3400	W/SR150-24 GUN, Ring Nozzles
A3400	W/SR200-24 GUN, Ring Nozzles
A3400	W/SR200-27 GUN, Ring Nozzles
A3450	W/SR150-24 GUN, Ring Nozzles
A3450	W/SR200-24 GUN, Ring Nozzles
A3450	W/SR200-27 GUN, Ring Nozzles
A3450L	W/SR150-24 GUN, Ring Nozzles
A3450L	W/SR200-24 GUN, Ring Nozzles
A3450L	W/SR200-27 GUN, Ring Nozzles
A3500	W/SR150-24 GUN, Ring Nozzles
A3500	W/SR200-24 GUN, Ring Nozzles
A3500	W/SR200-27 GUN, Ring Nozzles
SR100-24 GUN with Ring Nozzles	
SR150-24 GUN with Ring Nozzles	
SR200-24 GUN with Ring Nozzles	
SR200-27 GUN with Ring Nozzles	
Engine Speed Charts	
B1025	
B1030	
C1030	
C1033	
A1325 & A1375	

Proper Use Of Speed & Application Rate Charts

The latest version of the speed and application rate charts will simplify operation and adjustment of the Reel Rain Traveler Irrigator. No longer is it necessary to check the gun discharge pressure and cross reference to three different charts to determine the flow rate, lane spacing, and ground speed. Assuming that you know the ring size in the gun, the size of the gun, and the water pressure at the inlet to the drum, the charts will show you the gun discharge pressure, flow rate, recommended lane spacing (based on 70% of maximum wetted diameter), and the required ground speed for your desired application rate. These charts are based on clear water application and can be considered valid in slurry with less than 1% solids. Heavier solids content will affect the friction loss factors within the hose.

To Use The Charts, Follow The Steps Below:

Step 1. Select the proper chart (Machine, Gun, and Nozzle Type)
Step 2. Go down the far left hand column and find the nozzle size you are using.
Step 3. Go over to the second column to the elbow pressure at the Irrigator.
Step 4. Follow that line across the page to determine:

- Gun Pressure (assuming level ground)
- Flow Rate (in gallons per minute)
- Recommended Lane Spacing (In feet, based on 70% of maximum wetted diameter)
- Required ground speed (in Feet per Minute) for application rates of .1 to1 inch (including 1/4 and 3/4 inch). Gas Drive Machines will be capable of achieving all of the speeds shown, Turbine Machines may not be able to run at the higher speeds due to their dependence on pressure and flow rate.

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GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL B1025G4 W/ NELSON SR100-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.71	80	62	83	170		7.3	3.6	2.9	2.4	1.8	1.5	1.2	1.0	1.0	0.9	0.8	0.7
	90	70	88	170		7.7	3.8	3.1	2.6	1.9	1.5	1.3	1.1	1.0	1.0	0.9	0.8
	100	78	93	180		7.6	3.8	3.1	2.5	1.9	1.5	1.3	1.1	1.0	1.0	0.8	0.8
	110	86	98	180		8.0	4.0	3.2	2.7	2.0	1.6	1.3	1.1	1.1	1.0	0.9	0.8
	120	94	102	190		7.9	4.0	3.2	2.6	2.0	1.6	1.3	1.1	1.1	1.0	0.9	0.8
0.77	80	58	94	170		8.3	4.1	3.3	2.8	2.1	1.7	1.4	1.2	1.1	1.0	0.9	0.8
	90	65	100	170		8.7	4.4	3.5	2.9	2.2	1.7	1.5	1.2	1.2	1.1	1.0	0.9
	100	73	105	180		8.7	4.3	3.5	2.9	2.2	1.7	1.4	1.2	1.2	1.1	1.0	0.9
	110	80	111	190		8.6	4.3	3.4	2.9	2.2	1.7	1.4	1.2	1.1	1.1	1.0	0.9
	120	88	116	190		9.0	4.5	3.6	3.0	2.2	1.8	1.5	1.3	1.2	1.1	1.0	0.9
	130	95	121	190		9.4	4.7	3.7	3.1	2.3	1.9	1.6	1.3	1.2	1.2	1.0	0.9
0.81	90	60	110	170		9.6	4.8	3.8	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	100	67	116	180		9.6	4.8	3.8	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	110	74	122	190		9.4	4.7	3.8	3.1	2.4	1.9	1.6	1.3	1.3	1.2	1.0	0.9
	120	81	128	190		9.9	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.3	1.2	1.1	1.0
	130	88	133	200		9.7	4.9	3.9	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	140	95	138	200		10.1	5.1	4.1	3.4	2.5	2.0	1.7	1.4	1.4	1.3	1.1	1.0
0.86	100	62	126	180		10.4	5.2	4.1	3.5	2.6	2.1	1.7	1.5	1.4	1.3	1.2	1.0
	110	68	133	190		10.3	5.2	4.1	3.4	2.6	2.1	1.7	1.5	1.4	1.3	1.1	1.0
	120	74	139	200		10.2	5.1	4.1	3.4	2.6	2.0	1.7	1.5	1.4	1.3	1.1	1.0
	130	81	145	200		10.6	5.3	4.3	3.5	2.7	2.1	1.8	1.5	1.4	1.3	1.2	1.1
	140	87	151	200		11.1	5.6	4.4	3.7	2.8	2.2	1.9	1.6	1.5	1.4	1.2	1.1
	150	93	156	210		10.9	5.4	4.4	3.6	2.7	2.2	1.8	1.6	1.5	1.4	1.2	1.1
0.89	100	56	136	180		11.2	5.6	4.5	3.7	2.8	2.2	1.9	1.6	1.5	1.4	1.2	1.1
	110	62	143	190		11.1	5.6	4.4	3.7	2.8	2.2	1.9	1.6	1.5	1.4	1.2	1.1
	120	68	150	200		11.0	5.5	4.4	3.7	2.7	2.2	1.8	1.6	1.5	1.4	1.2	1.1
	130	74	155	210		10.8	5.4	4.3	3.6	2.7	2.2	1.8	1.5	1.4	1.4	1.2	1.1
	140	80	162	210		11.3	5.6	4.5	3.8	2.8	2.3	1.9	1.6	1.5	1.4	1.3	1.1
	150	85	168	210		11.7	5.8	4.7	3.9	2.9	2.3	1.9	1.7	1.6	1.5	1.3	1.2
0.93	120	59	163	190		12.6	6.3	5.0	4.2	3.2	2.5	2.1	1.8	1.7	1.6	1.4	1.3
	130	64	169	200		12.4	6.2	5.0	4.1	3.1	2.5	2.1	1.8	1.7	1.6	1.4	1.2
	140	70	176	210		12.2	6.1	4.9	4.1	3.1	2.4	2.0	1.7	1.6	1.5	1.4	1.2
	150	75	182	210		12.7	6.3	5.1	4.2	3.2	2.5	2.1	1.8	1.7	1.6	1.4	1.3
0.96	120	53	172	190		13.3	6.7	5.3	4.4	3.3	2.7	2.2	1.9	1.8	1.7	1.5	1.3
	130	57	180	190		14.0	7.0	5.6	4.7	3.5	2.8	2.3	2.0	1.9	1.7	1.6	1.4
	140	62	186	200		13.6	6.8	5.5	4.5	3.4	2.7	2.3	1.9	1.8	1.7	1.5	1.4
	150	67	192	210		13.4	6.7	5.4	4.5	3.3	2.7	2.2	1.9	1.8	1.7	1.5	1.3

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL B1030G4 W/ NELSON SR100-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.71	60	55	78	160		7.1	3.6	2.9	2.4	1.8	1.4	1.2	1.0	1.0	0.9	0.8	0.7
	70	64	84	170		7.2	3.6	2.9	2.4	1.8	1.4	1.2	1.0	1.0	0.9	0.8	0.7
	80	74	90	170		7.8	3.9	3.1	2.6	1.9	1.6	1.3	1.1	1.0	1.0	0.9	0.8
	90	83	96	180		7.7	3.9	3.1	2.6	1.9	1.5	1.3	1.1	1.0	1.0	0.9	0.8
	100	92	100	190		7.6	3.8	3.1	2.5	1.9	1.5	1.3	1.1	1.0	1.0	0.8	0.8
	110	101	106	190		8.1	4.0	3.2	2.7	2.0	1.6	1.3	1.2	1.1	1.0	0.9	0.8
0.77	60	54	91	160		8.4	4.2	3.4	2.8	2.1	1.7	1.4	1.2	1.1	1.0	0.9	0.8
	70	63	98	170		8.5	4.2	3.4	2.8	2.1	1.7	1.4	1.2	1.1	1.1	0.9	0.8
	80	72	105	180		8.5	4.3	3.4	2.8	2.1	1.7	1.4	1.2	1.1	1.1	0.9	0.9
	90	81	112	190		8.5	4.3	3.4	2.8	2.1	1.7	1.4	1.2	1.1	1.1	0.9	0.9
	100	90	117	190		8.9	4.5	3.6	3.0	2.2	1.8	1.5	1.3	1.2	1.1	1.0	0.9
	110	99	123	200		8.9	4.4	3.6	3.0	2.2	1.8	1.5	1.3	1.2	1.1	1.0	0.9
0.81	60	52	102	160		9.4	4.7	3.8	3.1	2.3	1.9	1.6	1.3	1.3	1.2	1.0	0.9
	70	61	111	170		9.5	4.8	3.8	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	80	70	118	180		9.6	4.8	3.8	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	90	78	125	190		9.6	4.8	3.8	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	100	87	132	200		9.5	4.8	3.8	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	110	96	139	200		10.0	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.3	1.3	1.1	1.0
0.86	60	50	115	170		9.9	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.3	1.2	1.1	1.0
	70	59	124	180		10.0	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.3	1.3	1.1	1.0
	80	67	132	190		10.1	5.0	4.0	3.4	2.5	2.0	1.7	1.4	1.3	1.3	1.1	1.0
	90	76	141	200		10.2	5.1	4.1	3.4	2.5	2.0	1.7	1.5	1.4	1.3	1.1	1.0
	100	84	149	200		10.7	5.4	4.3	3.6	2.7	2.1	1.8	1.5	1.4	1.3	1.2	1.1
	110	92	156	210		10.7	5.3	4.3	3.6	2.7	2.1	1.8	1.5	1.4	1.3	1.2	1.1
0.89	70	56	136	180		11.0	5.5	4.4	3.7	2.8	2.2	1.8	1.6	1.5	1.4	1.2	1.1
	80	64	147	200		10.6	5.3	4.2	3.5	2.6	2.1	1.8	1.5	1.4	1.3	1.2	1.1
	90	73	155	210		10.6	5.3	4.2	3.5	2.7	2.1	1.8	1.5	1.4	1.3	1.2	1.1
	100	81	164	210		11.2	5.6	4.5	3.7	2.8	2.2	1.9	1.6	1.5	1.4	1.2	1.1
	110	89	172	220		11.2	5.6	4.5	3.7	2.8	2.2	1.9	1.6	1.5	1.4	1.2	1.1
	120	97	179	220		11.6	5.8	4.7	3.9	2.9	2.3	1.9	1.7	1.6	1.5	1.3	1.2
0.93	70	53	154	180		12.5	6.2	5.0	4.2	3.1	2.5	2.1	1.8	1.7	1.6	1.4	1.2
	80	61	165	190		12.6	6.3	5.0	4.2	3.2	2.5	2.1	1.8	1.7	1.6	1.4	1.3
	100	76	184	210		12.6	6.3	5.0	4.2	3.1	2.5	2.1	1.8	1.7	1.6	1.4	1.3
	110	84	194	220		12.6	6.3	5.0	4.2	3.1	2.5	2.1	1.8	1.7	1.6	1.4	1.3
	120	92	203	220		13.2	6.6	5.3	4.4	3.3	2.6	2.2	1.9	1.8	1.6	1.5	1.3
	130	99	212	230		13.1	6.5	5.2	4.4	3.3	2.6	2.2	1.9	1.7	1.6	1.5	1.3
0.96	70	50	167	180		13.5	6.8	5.4	4.5	3.4	2.7	2.3	1.9	1.8	1.7	1.5	1.4
	80	57	180	190		13.7	6.9	5.5	4.6	3.4	2.7	2.3	2.0	1.8	1.7	1.5	1.4
	90	65	190	200		13.7	6.8	5.5	4.6	3.4	2.7	2.3	2.0	1.8	1.7	1.5	1.4
	90	65	191	200		13.8	6.9	5.5	4.6	3.4	2.8	2.3	2.0	1.8	1.7	1.5	1.4
	100	72	201	210		13.7	6.9	5.5	4.6	3.4	2.7	2.3	2.0	1.8	1.7	1.5	1.4
	110	79	211	220		13.7	6.8	5.5	4.6	3.4	2.7	2.3	2.0	1.8	1.7	1.5	1.4
	120	87	220	230		13.6	6.8	5.4	4.5	3.4	2.7	2.3	1.9	1.8	1.7	1.5	1.4
	130	94	230	230		14.2	7.1	5.7	4.7	3.6	2.8	2.4	2.0	1.9	1.8	1.6	1.4

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL B1030 W/ NELSON SR150-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.86	60	52	102	170		8.8	4.4	3.5	2.9	2.2	1.8	1.5	1.3	1.2	1.1	1.0	0.9
	70	61	111	180		9.0	4.5	3.6	3.0	2.2	1.8	1.5	1.3	1.2	1.1	1.0	0.9
	80	69	119	190		9.1	4.5	3.6	3.0	2.3	1.8	1.5	1.3	1.2	1.1	1.0	0.9
	90	78	126	190		9.6	4.8	3.9	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	100	87	133	200		9.6	4.8	3.8	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	110	96	140	210		9.6	4.8	3.8	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
0.97	70	57	135	190		10.3	5.1	4.1	3.4	2.6	2.1	1.7	1.5	1.4	1.3	1.1	1.0
	80	64	148	200		10.7	5.3	4.3	3.6	2.7	2.1	1.8	1.5	1.4	1.3	1.2	1.1
	90	72	157	200		11.3	5.7	4.5	3.8	2.8	2.3	1.9	1.6	1.5	1.4	1.3	1.1
	100	80	166	210		11.3	5.7	4.5	3.8	2.8	2.3	1.9	1.6	1.5	1.4	1.3	1.1
	110	89	174	220		11.3	5.6	4.5	3.8	2.8	2.3	1.9	1.6	1.5	1.4	1.3	1.1
	120	97	182	220		11.8	5.9	4.7	3.9	3.0	2.4	2.0	1.7	1.6	1.5	1.3	1.2
1.08	70	50	167	200		12.0	6.0	4.8	4.0	3.0	2.4	2.0	1.7	1.6	1.5	1.3	1.2
	80	58	179	210		12.2	6.1	4.9	4.1	3.1	2.4	2.0	1.7	1.6	1.5	1.4	1.2
	90	65	190	210		13.0	6.5	5.2	4.3	3.2	2.6	2.2	1.9	1.7	1.6	1.4	1.3
	100	72	200	220		13.0	6.5	5.2	4.3	3.2	2.6	2.2	1.9	1.7	1.6	1.4	1.3
	110	80	210	220		13.6	6.8	5.5	4.5	3.4	2.7	2.3	1.9	1.8	1.7	1.5	1.4
	120	87	219	230		13.5	6.8	5.4	4.5	3.4	2.7	2.3	1.9	1.8	1.7	1.5	1.4
	130	94	229	230		14.1	7.1	5.7	4.7	3.5	2.8	2.4	2.0	1.9	1.8	1.6	1.4
1.18	80	51	207	210		14.1	7.1	5.7	4.7	3.5	2.8	2.4	2.0	1.9	1.8	1.6	1.4
	90	57	219	220		14.2	7.1	5.7	4.7	3.6	2.8	2.4	2.0	1.9	1.8	1.6	1.4
	100	63	233	220			7.6	6.0	5.0	3.8	3.0	2.5	2.2	2.0	1.9	1.7	1.5
	110	70	245	230			7.6	6.1	5.0	3.8	3.0	2.5	2.2	2.0	1.9	1.7	1.5
	120	77	256	240			7.5	6.0	5.0	3.8	3.0	2.5	2.2	2.0	1.9	1.7	1.5
	130	83	266	240			7.8	6.3	5.2	3.9	3.1	2.6	2.2	2.1	2.0	1.7	1.6
	140	90	275	250			7.7	6.2	5.2	3.9	3.1	2.6	2.2	2.1	1.9	1.7	1.5
	150	97	286	250			8.0	6.4	5.4	4.0	3.2	2.7	2.3	2.1	2.0	1.8	1.6
1.26	100	54	263	230			8.1	6.5	5.4	4.1	3.2	2.7	2.3	2.2	2.0	1.8	1.6
	110	60	275	230			8.5	6.8	5.7	4.2	3.4	2.8	2.4	2.3	2.1	1.9	1.7
	120	66	287	240			8.5	6.8	5.6	4.2	3.4	2.8	2.4	2.3	2.1	1.9	1.7
	130	72	299	250			8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.2	2.1	1.9	1.7
	140	77	311	250			8.8	7.0	5.8	4.4	3.5	2.9	2.5	2.3	2.2	1.9	1.8
	150	83	323	250			9.1	7.3	6.1	4.5	3.6	3.0	2.6	2.4	2.3	2.0	1.8
1.34	110	50	303	240			8.9	7.1	6.0	4.5	3.6	3.0	2.6	2.4	2.2	2.0	1.8
	120	55	318	240			9.4	7.5	6.2	4.7	3.7	3.1	2.7	2.5	2.3	2.1	1.9
	130	60	330	250			9.3	7.4	6.2	4.6	3.7	3.1	2.7	2.5	2.3	2.1	1.9
	140	65	343	250			9.6	7.7	6.4	4.8	3.9	3.2	2.8	2.6	2.4	2.1	1.9
	150	70	355	260			9.6	7.6	6.4	4.8	3.8	3.2	2.7	2.5	2.4	2.1	1.9
1.41	130	51	354	250			9.9	8.0	6.6	5.0	4.0	3.3	2.8	2.7	2.5	2.2	2.0
	140	55	368	250			10.3	8.3	6.9	5.2	4.1	3.4	3.0	2.8	2.6	2.3	2.1
	150	59	382	250			10.7	8.6	7.2	5.4	4.3	3.6	3.1	2.9	2.7	2.4	2.1

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL C1030 W/ NELSON SR150-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.86	60	50	100	170		8.8	4.4	3.5	2.9	2.2	1.8	1.5	1.3	0.6	1.1	1.0	0.9
	70	58	108	180		9.0	4.5	3.6	3.0	2.2	1.8	1.5	1.3	0.6	1.1	1.0	0.9
	80	66	116	190		9.1	4.5	3.6	3.0	2.3	1.8	1.5	1.3	0.7	1.1	1.0	0.9
	90	75	124	190		9.7	4.9	3.9	3.2	2.4	1.9	1.6	1.4	0.8	1.2	1.1	1.0
	100	83	130	200		9.7	4.8	3.9	3.2	2.4	1.9	1.6	1.4	0.8	1.2	1.1	1.0
	110	92	137	200		10.1	5.1	4.1	3.4	2.5	2.0	1.7	1.4	0.9	1.3	1.1	1.0
0.97	70	53	132	190		10.4	5.2	4.1	3.5	2.6	2.1	1.7	1.5	0.6	1.3	1.2	1.0
	80	60	143	200		10.6	5.3	4.2	3.5	2.7	2.1	1.8	1.5	0.6	1.3	1.2	1.1
	90	68	151	200		11.2	5.6	4.5	3.7	2.8	2.2	1.9	1.6	0.7	1.4	1.2	1.1
	100	75	160	210		11.3	5.6	4.5	3.8	2.8	2.3	1.9	1.6	0.7	1.4	1.3	1.1
	110	83	168	210		11.8	5.9	4.7	3.9	3.0	2.4	2.0	1.7	0.8	1.5	1.3	1.2
	120	91	176	220		11.8	5.9	4.7	3.9	2.9	2.4	2.0	1.7	0.8	1.5	1.3	1.2
1.08	80	53	168	200		12.5	6.2	5.0	4.2	3.1	2.5	2.1	1.8	0.5	1.6	1.4	1.2
	90	59	180	210			6.3	5.1	4.2	3.2	2.5	2.1	1.8	0.6	1.6	1.4	1.3
	100	66	191	210			6.7	5.4	4.5	3.4	2.7	2.2	1.9	0.6	1.7	1.5	1.3
	110	73	200	220			6.7	5.3	4.5	3.3	2.7	2.2	1.9	0.7	1.7	1.5	1.3
	120	79	210	220			7.0	5.6	4.7	3.5	2.8	2.3	2.0	0.7	1.8	1.6	1.4
	130	86	218	230			6.9	5.6	4.6	3.5	2.8	2.3	2.0	0.7	1.7	1.5	1.4
	140	93	227	230			7.2	5.8	4.8	3.6	2.9	2.4	2.1	0.8	1.8	1.6	1.4
1.18	90	51	206	210			7.2	5.8	4.8	3.6	2.9	2.4	2.1	0.5	1.8	1.6	1.4
	100	56	218	220			7.3	5.8	4.9	3.6	2.9	2.4	2.1	0.5	1.8	1.6	1.5
	110	62	229	220			7.7	6.1	5.1	3.8	3.1	2.6	2.2	0.6	1.9	1.7	1.5
	120	68	240	230			7.7	6.1	5.1	3.8	3.1	2.6	2.2	0.6	1.9	1.7	1.5
	130	74	250	230			8.0	6.4	5.3	4.0	3.2	2.7	2.3	0.6	2.0	1.8	1.6
	140	80	260	240			7.9	6.3	5.3	4.0	3.2	2.6	2.3	0.6	2.0	1.8	1.6
	150	86	269	240			8.2	6.6	5.5	4.1	3.3	2.7	2.3	0.7	2.0	1.8	1.6
1.26	110	51	257	230			8.2	6.6	5.5	4.1	3.3	2.7	2.3	0.4	2.0	1.8	1.6
	120	56	267	230			8.5	6.8	5.7	4.3	3.4	2.8	2.4	0.5	2.1	1.9	1.7
	130	62	278	240			8.5	6.8	5.6	4.2	3.4	2.8	2.4	0.5	2.1	1.9	1.7
	140	67	287	240			8.7	7.0	5.8	4.4	3.5	2.9	2.5	0.5	2.2	1.9	1.7
	150	72	299	250			8.7	7.0	5.8	4.4	3.5	2.9	2.5	0.6	2.2	1.9	1.7
1.34	130	50	302	230			9.6	7.7	6.4	4.8	3.9	3.2	2.8	0.4	2.4	2.1	1.9
	140	55	312	240			9.5	7.6	6.3	4.8	3.8	3.2	2.7	0.4	2.4	2.1	1.9
	150	58	327	240			10.0	8.0	6.6	5.0	4.0	3.3	2.8	0.5	2.5	2.2	2.0

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL C1033 W/ NELSON SR150-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.97	60	51	131	190		10.1	5.1	4.1	3.4	2.5	2.0	1.7	1.4	1.4	1.3	1.1	1.0
	70	59	143	190		11.1	5.5	4.4	3.7	2.8	2.2	1.8	1.6	1.5	1.4	1.2	1.1
	80	68	153	200		11.2	5.6	4.5	3.7	2.8	2.2	1.9	1.6	1.5	1.4	1.2	1.1
	90	77	162	210		11.3	5.6	4.5	3.8	2.8	2.3	1.9	1.6	1.5	1.4	1.3	1.1
	100	85	170	210		11.8	5.9	4.7	3.9	3.0	2.4	2.0	1.7	1.6	1.5	1.3	1.2
	110	94	179	220		11.8	5.9	4.7	3.9	3.0	2.4	2.0	1.7	1.6	1.5	1.3	1.2
1.08	70	55	174	200			6.4	5.1	4.2	3.2	2.5	2.1	1.8	1.7	1.6	1.4	1.3
	80	63	187	210			6.5	5.2	4.3	3.2	2.6	2.2	1.9	1.7	1.6	1.4	1.3
	90	71	198	220			6.6	5.3	4.4	3.3	2.6	2.2	1.9	1.8	1.6	1.5	1.3
	100	79	209	220			6.9	5.5	4.6	3.5	2.8	2.3	2.0	1.8	1.7	1.5	1.4
	110	87	219	230			6.9	5.5	4.6	3.5	2.8	2.3	2.0	1.8	1.7	1.5	1.4
	120	95	229	230			7.2	5.8	4.8	3.6	2.9	2.4	2.1	1.9	1.8	1.6	1.4
1.18	70	50	204	210			7.1	5.7	4.7	3.6	2.8	2.4	2.0	1.9	1.8	1.6	1.4
	80	57	219	220			7.2	5.8	4.8	3.6	2.9	2.4	2.1	1.9	1.8	1.6	1.4
	90	64	233	220			7.7	6.2	5.1	3.9	3.1	2.6	2.2	2.1	1.9	1.7	1.5
	100	71	247	230			7.8	6.2	5.2	3.9	3.1	2.6	2.2	2.1	1.9	1.7	1.6
	110	79	257	240			7.7	6.2	5.2	3.9	3.1	2.6	2.2	2.1	1.9	1.7	1.5
	120	86	269	240			8.1	6.5	5.4	4.0	3.2	2.7	2.3	2.2	2.0	1.8	1.6
	130	93	280	250			8.0	6.4	5.4	4.0	3.2	2.7	2.3	2.1	2.0	1.8	1.6
1.26	80	50	253	220			8.4	6.7	5.6	4.2	3.3	2.8	2.4	2.2	2.1	1.9	1.7
	90	56	267	230			8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.2	2.1	1.9	1.7
	100	63	281	240			8.5	6.8	5.6	4.2	3.4	2.8	2.4	2.3	2.1	1.9	1.7
	110	70	295	250			8.5	6.8	5.7	4.2	3.4	2.8	2.4	2.3	2.1	1.9	1.7
	120	77	307	250			8.8	7.1	5.9	4.4	3.5	2.9	2.5	2.4	2.2	2.0	1.8
	130	83	321	250			9.2	7.4	6.2	4.6	3.7	3.1	2.6	2.5	2.3	2.1	1.8
	140	89	333	260			9.2	7.3	6.1	4.6	3.7	3.1	2.6	2.4	2.3	2.0	1.8
	150	96	345	260			9.5	7.6	6.3	4.8	3.8	3.2	2.7	2.5	2.4	2.1	1.9
1.34	100	55	312	240			9.4	7.5	6.3	4.7	3.8	3.1	2.7	2.5	2.3	2.1	1.9
	110	60	330	250			9.5	7.6	6.3	4.7	3.8	3.2	2.7	2.5	2.4	2.1	1.9
	120	66	345	250			9.9	7.9	6.6	5.0	4.0	3.3	2.8	2.6	2.5	2.2	2.0
	130	72	360	260			9.9	7.9	6.6	5.0	4.0	3.3	2.8	2.6	2.5	2.2	2.0
	140	78	373	260			10.3	8.2	6.8	5.1	4.1	3.4	2.9	2.7	2.6	2.3	2.1
	150	83	388	270			10.2	8.2	6.8	5.1	4.1	3.4	2.9	2.7	2.6	2.3	2.0
1.41	110	53	357	250			10.3	8.2	6.8	5.1	4.1	3.4	2.9	2.7	2.6	2.3	2.1
	120	57	375	250			10.8	8.6	7.2	5.4	4.3	3.6	3.1	2.9	2.7	2.4	2.2
	130	62	391	260			10.8	8.6	7.2	5.4	4.3	3.6	3.1	2.9	2.7	2.4	2.2
	140	67	406	260			11.2	8.9	7.5	5.6	4.5	3.7	3.2	3.0	2.8	2.5	2.2
	150	72	421	270			11.1	8.9	7.4	5.6	4.4	3.7	3.2	3.0	2.8	2.5	2.2

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A1325 W/ NELSON SR150-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.86	60	50	100	170		9.0	4.5	3.6	3.0	2.2	1.8	1.5	1.3	1.2	1.1	1.0	0.9
	70	58	108	180		9.1	4.6	3.6	3.0	2.3	1.8	1.5	1.3	1.2	1.1	1.0	0.9
	80	67	117	190		9.3	4.7	3.7	3.1	2.3	1.9	1.6	1.3	1.2	1.2	1.0	0.9
	90	75	124	190		9.9	4.9	4.0	3.3	2.5	2.0	1.6	1.4	1.3	1.2	1.1	1.0
	100	84	131	200		9.9	4.9	3.9	3.3	2.5	2.0	1.6	1.4	1.3	1.2	1.1	1.0
	110	92	137	200		10.3	5.2	4.1	3.4	2.6	2.1	1.7	1.5	1.4	1.3	1.1	1.0
0.97	70	53	132	190		10.5	5.3	4.2	3.5	2.6	2.1	1.8	1.5	1.4	1.3	1.2	1.1
	80	60	144	200		10.9	5.4	4.4	3.6	2.7	2.2	1.8	1.6	1.5	1.4	1.2	1.1
	90	68	153	200		11.5	5.8	4.6	3.8	2.9	2.3	1.9	1.6	1.5	1.4	1.3	1.2
	100	76	161	210		11.5	5.8	4.6	3.8	2.9	2.3	1.9	1.6	1.5	1.4	1.3	1.2
	110	84	169	210		12.1	6.1	4.8	4.0	3.0	2.4	2.0	1.7	1.6	1.5	1.3	1.2
	120	91	177	220		12.1	6.0	4.8	4.0	3.0	2.4	2.0	1.7	1.6	1.5	1.3	1.2
1.08	80	53	170	200			6.4	5.1	4.3	3.2	2.6	2.1	1.8	1.7	1.6	1.4	1.3
	90	60	182	210			6.5	5.2	4.3	3.3	2.6	2.2	1.9	1.7	1.6	1.4	1.3
	100	66	193	210			6.9	5.5	4.6	3.4	2.8	2.3	2.0	1.8	1.7	1.5	1.4
	110	74	201	220			6.9	5.5	4.6	3.4	2.7	2.3	2.0	1.8	1.7	1.5	1.4
	120	80	211	220			7.2	5.8	4.8	3.6	2.9	2.4	2.1	1.9	1.8	1.6	1.4
	130	87	219	230			7.1	5.7	4.8	3.6	2.9	2.4	2.0	1.9	1.8	1.6	1.4
	140	94	228	230			7.4	5.9	4.9	3.7	3.0	2.5	2.1	2.0	1.9	1.6	1.5
1.18	90	51	209	210			7.5	6.0	5.0	3.7	3.0	2.5	2.1	2.0	1.9	1.7	1.5
	100	57	219	220			7.5	6.0	5.0	3.7	3.0	2.5	2.1	2.0	1.9	1.7	1.5
	110	63	231	220			7.9	6.3	5.3	3.9	3.2	2.6	2.3	2.1	2.0	1.8	1.6
	120	68	243	230			7.9	6.3	5.3	4.0	3.2	2.6	2.3	2.1	2.0	1.8	1.6
	130	75	253	230			8.2	6.6	5.5	4.1	3.3	2.7	2.3	2.2	2.1	1.8	1.6
	140	81	262	240			8.1	6.5	5.4	4.1	3.3	2.7	2.3	2.2	2.0	1.8	1.6
	150	87	271	240			8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.2	2.1	1.9	1.7
1.26	110	52	259	230			8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.2	2.1	1.9	1.7
	120	58	269	230			8.7	7.0	5.8	4.4	3.5	2.9	2.5	2.3	2.2	1.9	1.7
	130	62	281	240			8.7	7.0	5.8	4.4	3.5	2.9	2.5	2.3	2.2	1.9	1.7
	140	68	291	240			9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.4	2.3	2.0	1.8
	150	73	301	250			9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.4	2.2	2.0	1.8
1.34	130	51	306	240			9.5	7.6	6.3	4.8	3.8	3.2	2.7	2.5	2.4	2.1	1.9
	140	55	318	240			9.9	7.9	6.6	4.9	4.0	3.3	2.8	2.6	2.5	2.2	2.0
	150	59	330	250			9.8	7.9	6.5	4.9	3.9	3.3	2.8	2.6	2.5	2.2	2.0

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A1375 W/ NELSON SR150-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.86	60	55	105	180		8.8	4.4	3.5	2.9	2.2	1.8	1.5	1.3	1.2	1.1	1.0	0.9
	70	64	114	180		9.5	4.8	3.8	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	80	73	122	190		9.7	4.8	3.9	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	90	82	129	200		9.7	4.8	3.9	3.2	2.4	1.9	1.6	1.4	1.3	1.2	1.1	1.0
	100	91	137	200		10.3	5.1	4.1	3.4	2.6	2.1	1.7	1.5	1.4	1.3	1.1	1.0
0.97	70	60	144	200		10.8	5.4	4.3	3.6	2.7	2.2	1.8	1.5	1.4	1.3	1.2	1.1
	80	69	154	200		11.5	5.8	4.6	3.8	2.9	2.3	1.9	1.6	1.5	1.4	1.3	1.2
	90	78	163	210		11.6	5.8	4.6	3.9	2.9	2.3	1.9	1.7	1.5	1.4	1.3	1.2
	100	87	172	210		12.2	6.1	4.9	4.1	3.1	2.4	2.0	1.7	1.6	1.5	1.4	1.2
	110	95	181	220		12.2	6.1	4.9	4.1	3.1	2.4	2.0	1.7	1.6	1.5	1.4	1.2
1.08	70	56	175	210		12.5	6.2	5.0	4.2	3.1	2.5	2.1	1.8	1.7	1.6	1.4	1.2
	80	64	188	210			6.7	5.3	4.5	3.3	2.7	2.2	1.9	1.8	1.7	1.5	1.3
	90	72	200	220			6.7	5.4	4.5	3.4	2.7	2.2	1.9	1.8	1.7	1.5	1.3
	100	80	211	220			7.1	5.7	4.8	3.6	2.9	2.4	2.0	1.9	1.8	1.6	1.4
	110	89	222	230			7.1	5.7	4.8	3.6	2.9	2.4	2.0	1.9	1.8	1.6	1.4
	120	97	231	240			7.1	5.7	4.7	3.6	2.8	2.4	2.0	1.9	1.8	1.6	1.4
1.18	80	58	223	220			7.5	6.0	5.0	3.8	3.0	2.5	2.2	2.0	1.9	1.7	1.5
	90	66	237	230			7.6	6.1	5.1	3.8	3.1	2.5	2.2	2.0	1.9	1.7	1.5
	100	73	250	230			8.0	6.4	5.4	4.0	3.2	2.7	2.3	2.1	2.0	1.8	1.6
	110	81	262	240			8.1	6.4	5.4	4.0	3.2	2.7	2.3	2.1	2.0	1.8	1.6
	120	89	274	240			8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.2	2.1	1.9	1.7
	130	96	284	250			8.4	6.7	5.6	4.2	3.3	2.8	2.4	2.2	2.1	1.9	1.7
1.26	90	59	273	230			8.8	7.0	5.9	4.4	3.5	2.9	2.5	2.3	2.2	2.0	1.8
	100	66	287	240			8.8	7.1	5.9	4.4	3.5	2.9	2.5	2.4	2.2	2.0	1.8
	110	72	301	250			8.9	7.1	5.9	4.4	3.5	3.0	2.5	2.4	2.2	2.0	1.8
	120	80	313	250			9.2	7.4	6.1	4.6	3.7	3.1	2.6	2.5	2.3	2.0	1.8
	130	86	327	260			9.2	7.4	6.2	4.6	3.7	3.1	2.6	2.5	2.3	2.1	1.8
	140	93	341	260			9.6	7.7	6.4	4.8	3.9	3.2	2.8	2.6	2.4	2.1	1.9
1.34	100	58	321	240			9.9	7.9	6.6	4.9	4.0	3.3	2.8	2.6	2.5	2.2	2.0
	110	63	340	250			10.0	8.0	6.7	5.0	4.0	3.3	2.9	2.7	2.5	2.2	2.0
	120	70	353	250			10.4	8.3	6.9	5.2	4.2	3.5	3.0	2.8	2.6	2.3	2.1
	130	75	370	260			10.4	8.4	7.0	5.2	4.2	3.5	3.0	2.8	2.6	2.3	2.1
	140	81	385	270			10.4	8.3	7.0	5.2	4.2	3.5	3.0	2.8	2.6	2.3	2.1
	150	87	398	270			10.8	8.6	7.2	5.4	4.3	3.6	3.1	2.9	2.7	2.4	2.2
1.41	110	55	371	250			10.9	8.7	7.3	5.5	4.4	3.6	3.1	2.9	2.7	2.4	2.2
	120	60	388	260			11.0	8.8	7.3	5.5	4.4	3.7	3.1	2.9	2.7	2.4	2.2
	130	66	403	260			11.4	9.1	7.6	5.7	4.6	3.8	3.3	3.0	2.8	2.5	2.3
	140	71	418	270			11.3	9.1	7.6	5.7	4.5	3.8	3.2	3.0	2.8	2.5	2.3
	150	76	433	270			11.7	9.4	7.8	5.9	4.7	3.9	3.4	3.1	2.9	2.6	2.3

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A1400/A2400 W/ NELSON SR150-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.86	60	57	107	180		9.0	4.5	3.6	3.0	2.3	1.8	1.5	1.3	1.2	1.1	1.0	0.9
	70	66	116	190		9.2	4.6	3.7	3.1	2.3	1.8	1.5	1.3	1.2	1.2	1.0	0.9
	80	75	124	190		9.9	4.9	4.0	3.3	2.5	2.0	1.6	1.4	1.3	1.2	1.1	1.0
	90	85	132	200		9.9	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.3	1.2	1.1	1.0
	100	94	138	210		9.9	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.3	1.2	1.1	1.0
0.97	60	55	134	190			5.3	4.3	3.5	2.7	2.1	1.8	1.5	1.4	1.3	1.2	1.1
	70	64	148	200			5.6	4.5	3.7	2.8	2.2	1.9	1.6	1.5	1.4	1.2	1.1
	80	73	158	210			5.7	4.5	3.8	2.8	2.3	1.9	1.6	1.5	1.4	1.3	1.1
	90	82	167	210			6.0	4.8	4.0	3.0	2.4	2.0	1.7	1.6	1.5	1.3	1.2
	100	91	176	220			6.0	4.8	4.0	3.0	2.4	2.0	1.7	1.6	1.5	1.3	1.2
1.08	60	52	168	200			6.4	5.1	4.2	3.2	2.5	2.1	1.8	1.7	1.6	1.4	1.3
	70	61	184	210			6.6	5.3	4.4	3.3	2.6	2.2	1.9	1.8	1.6	1.5	1.3
	80	69	196	220			6.7	5.3	4.4	3.3	2.7	2.2	1.9	1.8	1.7	1.5	1.3
	90	78	207	220			7.1	5.7	4.7	3.5	2.8	2.4	2.0	1.9	1.8	1.6	1.4
	100	87	219	230			7.1	5.7	4.8	3.6	2.9	2.4	2.0	1.9	1.8	1.6	1.4
	110	96	230	240			7.2	5.7	4.8	3.6	2.9	2.4	2.0	1.9	1.8	1.6	1.4
1.18	70	57	219	220			7.5	6.0	5.0	3.7	3.0	2.5	2.1	2.0	1.9	1.7	1.5
	80	65	235	230			7.6	6.1	5.1	3.8	3.1	2.5	2.2	2.0	1.9	1.7	1.5
	90	73	250	230			8.1	6.5	5.4	4.1	3.2	2.7	2.3	2.2	2.0	1.8	1.6
	100	82	263	240			8.2	6.5	5.4	4.1	3.3	2.7	2.3	2.2	2.0	1.8	1.6
	110	90	275	250			8.2	6.5	5.5	4.1	3.3	2.7	2.3	2.2	2.0	1.8	1.6
	120	98	287	250			8.5	6.8	5.7	4.3	3.4	2.8	2.4	2.3	2.1	1.9	1.7
1.26	70	52	259	230			8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.2	2.1	1.9	1.7
	80	60	275	230			8.9	7.2	6.0	4.5	3.6	3.0	2.6	2.4	2.2	2.0	1.8
	90	68	291	240			9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.4	2.3	2.0	1.8
	100	75	307	250			9.1	7.3	6.1	4.6	3.7	3.0	2.6	2.4	2.3	2.0	1.8
	110	83	321	250			9.5	7.6	6.4	4.8	3.8	3.2	2.7	2.5	2.4	2.1	1.9
	120	91	337	260			9.6	7.7	6.4	4.8	3.8	3.2	2.7	2.6	2.4	2.1	1.9
	130	98	353	270			9.7	7.7	6.4	4.8	3.9	3.2	2.8	2.6	2.4	2.1	1.9
1.34	80	55	312	240			9.7	7.8	6.5	4.8	3.9	3.2	2.8	2.6	2.4	2.2	1.9
	90	61	335	250			10.0	8.0	6.6	5.0	4.0	3.3	2.8	2.7	2.5	2.2	2.0
	100	68	353	250				8.4	7.0	5.2	4.2	3.5	3.0	2.8	2.6	2.3	2.1
	110	75	370	260				8.4	7.0	5.3	4.2	3.5	3.0	2.8	2.6	2.3	2.1
	120	82	388	270				8.5	7.1	5.3	4.2	3.5	3.0	2.8	2.7	2.4	2.1
	130	90	402	270				8.8	7.3	5.5	4.4	3.7	3.1	2.9	2.8	2.4	2.2
	140	97	417	280				8.8	7.3	5.5	4.4	3.7	3.1	2.9	2.7	2.4	2.2
1.41	90	56	368	250				8.7	7.3	5.5	4.4	3.6	3.1	2.9	2.7	2.4	2.2
	100	62	391	260				8.9	7.4	5.6	4.5	3.7	3.2	3.0	2.8	2.5	2.2
	110	68	409	260				9.3	7.8	5.8	4.7	3.9	3.3	3.1	2.9	2.6	2.3
	120	75	427	270				9.4	7.8	5.8	4.7	3.9	3.3	3.1	2.9	2.6	2.3
	130	81	448	280				9.4	7.9	5.9	4.7	3.9	3.4	3.1	2.9	2.6	2.4
	140	87	466	280				9.8	8.2	6.1	4.9	4.1	3.5	3.3	3.1	2.7	2.5
	150	93	483	290				9.8	8.2	6.1	4.9	4.1	3.5	3.3	3.1	2.7	2.4

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A1400/A2400 W/ NELSON SR200-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
1.29	70	55	238	220			8.1	6.5	5.4	4.1	3.2	2.7	2.3	2.2	2.0	1.8	1.6
	80	62	256	230			8.3	6.7	5.6	4.2	3.3	2.8	2.4	2.2	2.1	1.9	1.7
	90	70	272	240			8.5	6.8	5.6	4.2	3.4	2.8	2.4	2.3	2.1	1.9	1.7
	100	78	286	250			8.5	6.8	5.7	4.3	3.4	2.8	2.4	2.3	2.1	1.9	1.7
	110	86	302	260			8.6	6.9	5.7	4.3	3.4	2.9	2.5	2.3	2.2	1.9	1.7
	120	94	316	260			9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.4	2.3	2.0	1.8
	121	95	318	260			9.1	7.2	6.0	4.5	3.6	3.0	2.6	2.4	2.3	2.0	1.8
	122	96	319	260			9.1	7.3	6.1	4.5	3.6	3.0	2.6	2.4	2.3	2.0	1.8
1.46	80	55	312	250			9.3	7.4	6.2	4.6	3.7	3.1	2.7	2.5	2.3	2.1	1.9
	90	61	335	250			10.0	8.0	6.6	5.0	4.0	3.3	2.8	2.7	2.5	2.2	2.0
	100	68	353	260				8.0	6.7	5.0	4.0	3.4	2.9	2.7	2.5	2.2	2.0
	110	75	370	270				8.1	6.8	5.1	4.1	3.4	2.9	2.7	2.5	2.3	2.0
	120	83	385	270				8.4	7.0	5.3	4.2	3.5	3.0	2.8	2.6	2.3	2.1
	130	90	403	280				8.5	7.1	5.3	4.2	3.5	3.0	2.8	2.6	2.4	2.1
	140	97	417	290				8.5	7.0	5.3	4.2	3.5	3.0	2.8	2.6	2.3	2.1
1.56	80	50	345	250				8.2	6.8	5.1	4.1	3.4	2.9	2.7	2.6	2.3	2.1
	90	55	371	260				8.5	7.1	5.3	4.2	3.5	3.0	2.8	2.6	2.4	2.1
	100	62	391	270				8.6	7.1	5.4	4.3	3.6	3.1	2.9	2.7	2.4	2.1
	110	68	409	270				9.0	7.5	5.6	4.5	3.7	3.2	3.0	2.8	2.5	2.2
	120	75	427	280				9.0	7.5	5.6	4.5	3.7	3.2	3.0	2.8	2.5	2.2
	130	81	448	290				9.1	7.6	5.7	4.5	3.8	3.2	3.0	2.8	2.5	2.3
	140	87	466	290				9.5	7.9	5.9	4.7	3.9	3.4	3.2	3.0	2.6	2.4
	150	93	483	300				9.4	7.9	5.9	4.7	3.9	3.4	3.1	2.9	2.6	2.4
1.66	100	55	428	270				9.4	7.8	5.9	4.7	3.9	3.3	3.1	2.9	2.6	2.3
	110	61	449	280				9.4	7.9	5.9	4.7	3.9	3.4	3.1	3.0	2.6	2.4
	120	67	466	280				9.8	8.2	6.1	4.9	4.1	3.5	3.3	3.1	2.7	2.5
	130	72	487	290				9.9	8.2	6.2	4.9	4.1	3.5	3.3	3.1	2.7	2.5
	140	78	508	300				9.9	8.3	6.2	5.0	4.1	3.5	3.3	3.1	2.8	2.5
	150	84	525	300					8.6	6.4	5.1	4.3	3.7	3.4	3.2	2.9	2.6
1.74	110	53	484	280					8.5	6.4	5.1	4.2	3.6	3.4	3.2	2.8	2.5
	120	58	506	290					8.6	6.4	5.1	4.3	3.7	3.4	3.2	2.9	2.6
	130	63	527	290					8.9	6.7	5.3	4.5	3.8	3.6	3.3	3.0	2.7
	140	69	547	300					8.9	6.7	5.3	4.5	3.8	3.6	3.3	3.0	2.7
	150	74	566	300					9.2	6.9	5.5	4.6	3.9	3.7	3.5	3.1	2.8
1.83	120	50	540	290					9.1	6.8	5.5	4.6	3.9	3.7	3.4	3.0	2.7
	130	55	560	290					9.5	7.1	5.7	4.7	4.1	3.8	3.5	3.2	2.8
	140	60	580	300					9.4	7.1	5.7	4.7	4.0	3.8	3.5	3.1	2.8
	150	64	603	300					9.8	7.4	5.9	4.9	4.2	3.9	3.7	3.3	2.9
1.93	150	52	650	300						7.9	6.4	5.3	4.5	4.2	4.0	3.5	3.2

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A1450 & A2450 W/ NELSON SR150-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.86	60	58	108	170		9.6	4.8	3.8	3.2	2.4	1.9	1.6	1.4	1.4	1.2	1.1	1.0
	70	68	118	180		9.9	4.9	3.9	3.3	2.5	2.0	1.6	1.4	1.4	1.2	1.1	1.0
	80	77	126	190		10.0	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.4	1.2	1.1	1.0
	90	87	133	190			5.2	4.2	3.5	2.6	2.1	1.7	1.5	1.5	1.3	1.2	1.0
	100	97	141	200			5.2	4.2	3.5	2.6	2.1	1.7	1.5	1.5	1.3	1.2	1.0
0.97	60	57	135	190			5.3	4.3	3.5	2.7	2.1	1.8	1.5	1.5	1.3	1.2	1.1
	70	66	151	190			6.0	4.8	4.0	3.0	2.4	2.0	1.7	1.7	1.5	1.3	1.2
	80	76	161	200			6.0	4.8	4.0	3.0	2.4	2.0	1.7	1.7	1.5	1.3	1.2
	90	86	171	210			6.1	4.8	4.0	3.0	2.4	2.0	1.7	1.7	1.5	1.3	1.2
	100	95	180	210			6.4	5.1	4.2	3.2	2.5	2.1	1.8	1.8	1.6	1.4	1.3
1.08	60	55	174	200			6.5	5.2	4.3	3.2	2.6	2.2	1.8	1.9	1.6	1.4	1.3
	70	65	190	210			6.7	5.4	4.5	3.4	2.7	2.2	1.9	1.9	1.7	1.5	1.3
	80	74	202	210			7.2	5.7	4.8	3.6	2.9	2.4	2.0	2.1	1.8	1.6	1.4
	90	83	214	220			7.2	5.8	4.8	3.6	2.9	2.4	2.1	2.1	1.8	1.6	1.4
	100	93	227	230			7.3	5.8	4.9	3.6	2.9	2.4	2.1	2.1	1.8	1.6	1.5
1.18	60	54	211	210			7.5	6.0	5.0	3.7	3.0	2.5	2.1	2.1	1.9	1.7	1.5
	70	62	229	220			7.7	6.2	5.1	3.9	3.1	2.6	2.2	2.2	1.9	1.7	1.5
	80	71	247	220			8.3	6.6	5.5	4.2	3.3	2.8	2.4	2.4	2.1	1.8	1.7
	90	80	260	230			8.3	6.7	5.6	4.2	3.3	2.8	2.4	2.4	2.1	1.9	1.7
	100	89	275	240			8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.5	2.1	1.9	1.7
	110	98	289	240			8.8	7.1	5.9	4.4	3.5	2.9	2.5	2.6	2.2	2.0	1.8
1.26	60	51	257	220			8.7	6.9	5.8	4.3	3.5	2.9	2.5	2.5	2.2	1.9	1.7
	70	59	275	230			8.8	7.1	5.9	4.4	3.5	2.9	2.5	2.6	2.2	2.0	1.8
	80	68	291	240			8.9	7.1	5.9	4.5	3.6	3.0	2.5	2.6	2.2	2.0	1.8
	90	77	309	240			9.5	7.6	6.3	4.7	3.8	3.2	2.7	2.8	2.4	2.1	1.9
	100	85	327	250			9.6	7.7	6.4	4.8	3.8	3.2	2.7	2.8	2.4	2.1	1.9
	110	94	343	250				8.1	6.7	5.0	4.0	3.4	2.9	2.9	2.5	2.2	2.0
1.34	70	56	318	230				8.2	6.8	5.1	4.1	3.4	2.9	3.0	2.6	2.3	2.0
	80	64	340	240				8.3	7.0	5.2	4.2	3.5	3.0	3.0	2.6	2.3	2.1
	90	72	363	250				8.5	7.1	5.3	4.3	3.5	3.0	3.1	2.7	2.4	2.1
	100	81	383	260				8.6	7.2	5.4	4.3	3.6	3.1	3.1	2.7	2.4	2.2
	110	89	403	260				9.1	7.5	5.7	4.5	3.8	3.2	3.3	2.8	2.5	2.3
	120	97	419	270				9.0	7.5	5.7	4.5	3.8	3.2	3.3	2.8	2.5	2.3
1.41	70	53	361	240				8.8	7.4	5.5	4.4	3.7	3.2	3.2	2.8	2.5	2.2
	80	60	385	250				9.0	7.5	5.6	4.5	3.8	3.2	3.3	2.8	2.5	2.3
	90	68	409	260				9.2	7.7	5.8	4.6	3.8	3.3	3.4	2.9	2.6	2.3
	100	75	433	260				9.7	8.1	6.1	4.9	4.1	3.5	3.6	3.0	2.7	2.4
	110	83	454	270				9.8	8.2	6.1	4.9	4.1	3.5	3.6	3.1	2.7	2.5
	120	91	478	280				9.9	8.3	6.2	5.0	4.1	3.5	3.6	3.1	2.8	2.5
	130	98	498	280					8.6	6.5	5.2	4.3	3.7	3.8	3.2	2.9	2.6

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A1450 & A2450 W/ NELSON SR200-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING	APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
					0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
1.29	60	52	234	220		7.9	6.3	5.3	3.9	3.2	2.6	2.3	2.3	2.0	1.8	1.6
	70	61	252	230		8.1	6.5	5.4	4.0	3.2	2.7	2.3	2.3	2.0	1.8	1.6
	80	70	270	240		8.3	6.6	5.5	4.1	3.3	2.8	2.4	2.4	2.1	1.8	1.7
	90	78	288	250		8.5	6.8	5.6	4.2	3.4	2.8	2.4	2.5	2.1	1.9	1.7
	100	87	304	260		8.5	6.8	5.7	4.3	3.4	2.8	2.4	2.5	2.1	1.9	1.7
	110	96	319	260		9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.6	2.2	2.0	1.8
1.46	70	56	318	250		9.3	7.5	6.2	4.7	3.7	3.1	2.7	2.7	2.3	2.1	1.9
	80	64	340	260		9.6	7.6	6.4	4.8	3.8	3.2	2.7	2.8	2.4	2.1	1.9
	90	72	363	260			8.2	6.8	5.1	4.1	3.4	2.9	3.0	2.5	2.3	2.0
	100	81	383	270			8.3	6.9	5.2	4.1	3.4	2.9	3.0	2.6	2.3	2.1
	110	89	403	280			8.4	7.0	5.2	4.2	3.5	3.0	3.1	2.6	2.3	2.1
	120	97	419	290			8.4	7.0	5.2	4.2	3.5	3.0	3.1	2.6	2.3	2.1
1.56	70	53	361	260			8.1	6.8	5.1	4.1	3.4	2.9	3.0	2.5	2.3	2.0
	80	60	385	260			8.7	7.2	5.4	4.3	3.6	3.1	3.2	2.7	2.4	2.2
	90	68	409	270			8.8	7.4	5.5	4.4	3.7	3.2	3.2	2.8	2.5	2.2
	100	75	433	280			9.0	7.5	5.6	4.5	3.7	3.2	3.3	2.8	2.5	2.2
	110	83	454	290			9.1	7.6	5.7	4.5	3.8	3.2	3.3	2.8	2.5	2.3
	120	91	478	300			9.2	7.7	5.7	4.6	3.8	3.3	3.4	2.9	2.6	2.3
	130	98	498	300			9.6	8.0	6.0	4.8	4.0	3.4	3.5	3.0	2.7	2.4
1.66	80	56	431	270			9.3	7.8	5.8	4.7	3.9	3.3	3.4	2.9	2.6	2.3
	90	63	456	280			9.4	7.9	5.9	4.7	3.9	3.4	3.5	3.0	2.6	2.4
	100	70	480	290			9.6	8.0	6.0	4.8	4.0	3.4	3.5	3.0	2.7	2.4
	110	77	505	300			9.7	8.1	6.1	4.9	4.0	3.5	3.6	3.0	2.7	2.4
	120	84	530	300				8.5	6.4	5.1	4.2	3.6	3.8	3.2	2.8	2.5
	130	92	551	310				8.5	6.4	5.1	4.3	3.7	3.8	3.2	2.8	2.6
	140	99	572	320				8.5	6.4	5.1	4.3	3.7	3.8	3.2	2.8	2.6
1.74	80	51	475	280			9.8	8.2	6.2	4.9	4.1	3.5	3.6	3.1	2.7	2.5
	91	58	506	290				8.4	6.3	5.1	4.2	3.6	3.7	3.2	2.8	2.5
	100	64	531	290				8.8	6.6	5.3	4.4	3.8	3.9	3.3	2.9	2.7
	110	71	559	300				9.0	6.7	5.4	4.5	3.8	4.0	3.4	3.0	2.7
	120	78	583	310				9.0	6.8	5.4	4.5	3.9	4.0	3.4	3.0	2.7
	131	85	608	310				9.4	7.0	5.6	4.7	4.0	4.2	3.5	3.1	2.8
	140	91	629	320				9.4	7.0	5.6	4.7	4.0	4.2	3.5	3.1	2.8
	150	98	653	320				9.7	7.3	5.8	4.9	4.2	4.4	3.7	3.2	2.9
1.83	90	52	545	290				9.1	6.8	5.4	4.5	3.9	4.0	3.4	3.0	2.7
	100	58	580	300				9.3	7.0	5.6	4.6	4.0	4.1	3.5	3.1	2.8
	110	64	608	300				9.7	7.3	5.8	4.9	4.2	4.3	3.7	3.2	2.9
	120	70	635	310				9.8	7.4	5.9	4.9	4.2	4.4	3.7	3.3	2.9
	130	76	662	320				9.9	7.4	5.9	4.9	4.2	4.4	3.7	3.3	3.0
	140	82	687	320					7.7	6.2	5.1	4.4	4.6	3.8	3.4	3.1
	150	89	711	330					7.7	6.2	5.1	4.4	4.6	3.8	3.4	3.1
1.93	100	50	639	300					7.7	6.1	5.1	4.4	4.6	3.8	3.4	3.1
	110	55	668	300					8.0	6.4	5.3	4.6	4.8	4.0	3.6	3.2
	120	60	701	310					8.1	6.5	5.4	4.6	4.8	4.1	3.6	3.3
	130	65	731	320					8.2	6.5	5.5	4.7	4.9	4.1	3.6	3.3
	140	71	760	320					8.5	6.8	5.7	4.9	5.1	4.3	3.8	3.4
	150	76	785	330					8.5	6.8	5.7	4.9	5.1	4.2	3.8	3.4

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3400 W/ NELSON SR150-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.86	60	56	106	180		9.0	4.5	3.6	3.0	2.3	1.8	1.5	1.3	1.2	1.1	1.0	0.9
	70	65	115	190		9.3	4.6	3.7	3.1	2.3	1.9	1.5	1.3	1.2	1.2	1.0	0.9
	80	75	124	190		10.0	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.3	1.2	1.1	1.0
	90	84	131	200		10.0	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.3	1.2	1.1	1.0
	100	93	137	210		9.9	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.3	1.2	1.1	1.0
0.97	60	54	133	190			5.3	4.3	3.6	2.7	2.1	1.8	1.5	1.4	1.3	1.2	1.1
	70	63	147	200			5.6	4.5	3.7	2.8	2.2	1.9	1.6	1.5	1.4	1.2	1.1
	80	72	157	210			5.7	4.5	3.8	2.8	2.3	1.9	1.6	1.5	1.4	1.3	1.1
	90	81	166	210			6.0	4.8	4.0	3.0	2.4	2.0	1.7	1.6	1.5	1.3	1.2
	100	90	175	220			6.0	4.8	4.0	3.0	2.4	2.0	1.7	1.6	1.5	1.3	1.2
	110	99	184	220			6.3	5.1	4.2	3.2	2.5	2.1	1.8	1.7	1.6	1.4	1.3
1.08	60	51	167	200			6.4	5.1	4.2	3.2	2.5	2.1	1.8	1.7	1.6	1.4	1.3
	70	59	180	210			6.5	5.2	4.4	3.3	2.6	2.2	1.9	1.7	1.6	1.5	1.3
	80	68	194	220			6.7	5.4	4.5	3.3	2.7	2.2	1.9	1.8	1.7	1.5	1.3
	90	76	205	220			7.1	5.6	4.7	3.5	2.8	2.4	2.0	1.9	1.8	1.6	1.4
	100	85	217	230			7.1	5.7	4.7	3.6	2.8	2.4	2.0	1.9	1.8	1.6	1.4
	110	93	227	230			7.5	6.0	5.0	3.7	3.0	2.5	2.1	2.0	1.9	1.7	1.5
1.18	70	55	215	220			7.4	5.9	4.9	3.7	3.0	2.5	2.1	2.0	1.9	1.6	1.5
	80	63	231	220			8.0	6.4	5.3	4.0	3.2	2.7	2.3	2.1	2.0	1.8	1.6
	90	71	247	230			8.1	6.5	5.4	4.1	3.2	2.7	2.3	2.2	2.0	1.8	1.6
	100	79	259	240			8.1	6.5	5.4	4.1	3.3	2.7	2.3	2.2	2.0	1.8	1.6
	110	87	271	240			8.5	6.8	5.7	4.3	3.4	2.8	2.4	2.3	2.1	1.9	1.7
	120	95	283	250			8.5	6.8	5.7	4.3	3.4	2.8	2.4	2.3	2.1	1.9	1.7
1.26	80	57	269	230			8.8	7.1	5.9	4.4	3.5	2.9	2.5	2.4	2.2	2.0	1.8
	90	65	285	240			9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.4	2.2	2.0	1.8
	100	72	299	250			9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.4	2.3	2.0	1.8
	110	80	315	250			9.5	7.6	6.3	4.7	3.8	3.2	2.7	2.5	2.4	2.1	1.9
	120	87	329	260			9.5	7.6	6.3	4.8	3.8	3.2	2.7	2.5	2.4	2.1	1.9
	130	94	343	260			9.9	7.9	6.6	5.0	4.0	3.3	2.8	2.6	2.5	2.2	2.0
1.34	80	52	303	240			9.5	7.6	6.4	4.8	3.8	3.2	2.7	2.5	2.4	2.1	1.9
	90	58	324	240				8.2	6.8	5.1	4.1	3.4	2.9	2.7	2.5	2.3	2.0
	100	64	343	250				8.3	6.9	5.2	4.1	3.4	2.9	2.8	2.6	2.3	2.1
	110	71	358	260				8.3	6.9	5.2	4.1	3.4	3.0	2.8	2.6	2.3	2.1
	120	78	375	260				8.7	7.2	5.4	4.3	3.6	3.1	2.9	2.7	2.4	2.2
	130	84	393	270				8.7	7.3	5.4	4.4	3.6	3.1	2.9	2.7	2.4	2.2
	140	91	407	270				9.0	7.5	5.6	4.5	3.8	3.2	3.0	2.8	2.5	2.3
	150	98	421	280				9.0	7.5	5.6	4.5	3.7	3.2	3.0	2.8	2.5	2.2
1.41	90	52	357	250				8.6	7.2	5.4	4.3	3.6	3.1	2.9	2.7	2.4	2.2
	100	57	378	250				9.1	7.6	5.7	4.6	3.8	3.3	3.0	2.8	2.5	2.3
	110	63	397	260				9.2	7.6	5.7	4.6	3.8	3.3	3.1	2.9	2.5	2.3
	120	69	415	270				9.2	7.7	5.8	4.6	3.8	3.3	3.1	2.9	2.6	2.3
	130	75	433	270				9.6	8.0	6.0	4.8	4.0	3.4	3.2	3.0	2.7	2.4
	140	81	448	280				9.6	8.0	6.0	4.8	4.0	3.4	3.2	3.0	2.7	2.4
	150	87	466	280				10.0	8.3	6.2	5.0	4.1	3.6	3.3	3.1	2.8	2.5

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3400 W/ NELSON SR200-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
1.29	70	52	234	220			8.1	6.5	5.4	4.0	3.2	2.7	2.3	2.2	2.0	1.8	1.6
	80	60	250	230			8.2	6.6	5.5	4.1	3.3	2.7	2.3	2.2	2.1	1.8	1.6
	90	68	266	240			8.4	6.7	5.6	4.2	3.3	2.8	2.4	2.2	2.1	1.9	1.7
	100	75	280	250			8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.2	2.1	1.9	1.7
	110	83	296	250			8.9	7.1	5.9	4.5	3.6	3.0	2.5	2.4	2.2	2.0	1.8
	120	90	310	260			9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.4	2.2	2.0	1.8
	130	98	322	260			9.3	7.4	6.2	4.7	3.7	3.1	2.7	2.5	2.3	2.1	1.9
1.46	80	52	303	240			9.5	7.6	6.4	4.8	3.8	3.2	2.7	2.5	2.4	2.1	1.9
	90	58	324	250			9.8	7.8	6.5	4.9	3.9	3.3	2.8	2.6	2.4	2.2	2.0
	100	64	343	260			9.9	7.9	6.6	4.9	4.0	3.3	2.8	2.6	2.5	2.2	2.0
	110	71	358	260				8.3	6.9	5.2	4.1	3.4	3.0	2.8	2.6	2.3	2.1
	120	78	375	270				8.3	6.9	5.2	4.2	3.5	3.0	2.8	2.6	2.3	2.1
	130	85	390	280				8.3	6.9	5.2	4.2	3.5	3.0	2.8	2.6	2.3	2.1
	140	91	407	280				8.7	7.2	5.4	4.3	3.6	3.1	2.9	2.7	2.4	2.2
	150	98	421	290				8.7	7.2	5.4	4.3	3.6	3.1	2.9	2.7	2.4	2.2
1.56	90	52	357	250				8.6	7.2	5.4	4.3	3.6	3.1	2.9	2.7	2.4	2.2
	100	57	378	260				8.7	7.3	5.5	4.4	3.6	3.1	2.9	2.7	2.4	2.2
	110	63	397	270				8.8	7.3	5.5	4.4	3.7	3.1	2.9	2.8	2.4	2.2
	120	70	412	270				9.1	7.6	5.7	4.6	3.8	3.3	3.0	2.9	2.5	2.3
	130	75	433	280				9.2	7.7	5.8	4.6	3.9	3.3	3.1	2.9	2.6	2.3
	140	81	448	290				9.2	7.7	5.8	4.6	3.8	3.3	3.1	2.9	2.6	2.3
	150	87	466	290				9.6	8.0	6.0	4.8	4.0	3.4	3.2	3.0	2.7	2.4
1.66	100	50	410	260				9.5	7.9	5.9	4.7	3.9	3.4	3.2	3.0	2.6	2.4
	110	56	431	270				9.6	8.0	6.0	4.8	4.0	3.4	3.2	3.0	2.7	2.4
	120	61	449	280				9.6	8.0	6.0	4.8	4.0	3.4	3.2	3.0	2.7	2.4
	130	66	470	290				9.7	8.0	6.0	4.8	4.0	3.4	3.2	3.0	2.7	2.4
	140	72	487	290				10.0	8.3	6.3	5.0	4.2	3.6	3.3	3.1	2.8	2.5
	150	77	505	300				10.0	8.3	6.3	5.0	4.2	3.6	3.3	3.1	2.8	2.5
1.74	120	53	484	280					8.6	6.5	5.2	4.3	3.7	3.4	3.2	2.9	2.6
	130	57	506	290					8.7	6.5	5.2	4.3	3.7	3.5	3.3	2.9	2.6
	140	62	523	290					9.0	6.7	5.4	4.5	3.8	3.6	3.4	3.0	2.7
	150	66	543	300					9.0	6.7	5.4	4.5	3.8	3.6	3.4	3.0	2.7
1.83	130	50	530	290					9.1	6.8	5.5	4.5	3.9	3.6	3.4	3.0	2.7
	140	53	555	290					9.5	7.1	5.7	4.8	4.1	3.8	3.6	3.2	2.9
	150	59	570	300					9.4	7.1	5.7	4.7	4.0	3.8	3.5	3.1	2.8

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3400 W/ NELSON SR200-27 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING	APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
					0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
1.29	70	52	234	230		7.7	6.2	5.1	3.8	3.1	2.6	2.2	2.1	1.9	1.7	1.5
	80	60	250	240		7.9	6.3	5.2	3.9	3.1	2.6	2.2	2.1	2.0	1.7	1.6
	90	68	266	250		8.0	6.4	5.3	4.0	3.2	2.7	2.3	2.1	2.0	1.8	1.6
	100	75	280	250		8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.2	2.1	1.9	1.7
	110	83	296	260		8.6	6.8	5.7	4.3	3.4	2.9	2.4	2.3	2.1	1.9	1.7
	120	90	310	270		8.6	6.9	5.7	4.3	3.4	2.9	2.5	2.3	2.2	1.9	1.7
	130	98	322	270		8.9	7.1	6.0	4.5	3.6	3.0	2.6	2.4	2.2	2.0	1.8
1.46	80	52	303	250		9.1	7.3	6.1	4.6	3.6	3.0	2.6	2.4	2.3	2.0	1.8
	90	58	324	260		9.4	7.5	6.2	4.7	3.7	3.1	2.7	2.5	2.3	2.1	1.9
	100	64	343	260		9.9	7.9	6.6	4.9	4.0	3.3	2.8	2.6	2.5	2.2	2.0
	110	71	358	270		9.9	7.9	6.6	5.0	4.0	3.3	2.8	2.6	2.5	2.2	2.0
	120	78	375	280		10.0	8.0	6.7	5.0	4.0	3.3	2.9	2.7	2.5	2.2	2.0
	130	85	390	280			8.3	6.9	5.2	4.2	3.5	3.0	2.8	2.6	2.3	2.1
	140	91	407	290			8.4	7.0	5.2	4.2	3.5	3.0	2.8	2.6	2.3	2.1
	150	98	421	300			8.3	7.0	5.2	4.2	3.5	3.0	2.8	2.6	2.3	2.1
1.56	90	52	357	260			8.2	6.9	5.2	4.1	3.4	2.9	2.7	2.6	2.3	2.1
	100	57	378	270			8.4	7.0	5.2	4.2	3.5	3.0	2.8	2.6	2.3	2.1
	110	63	397	280			8.5	7.1	5.3	4.2	3.5	3.0	2.8	2.6	2.4	2.1
	120	70	412	280			8.8	7.3	5.5	4.4	3.7	3.1	2.9	2.7	2.4	2.2
	130	75	433	290			8.9	7.4	5.6	4.5	3.7	3.2	3.0	2.8	2.5	2.2
	140	81	448	300			8.9	7.4	5.6	4.4	3.7	3.2	3.0	2.8	2.5	2.2
	150	87	466	300			9.2	7.7	5.8	4.6	3.9	3.3	3.1	2.9	2.6	2.3
1.66	100	50	410	270			9.1	7.6	5.7	4.6	3.8	3.3	3.0	2.8	2.5	2.3
	110	56	431	280			9.2	7.7	5.8	4.6	3.8	3.3	3.1	2.9	2.6	2.3
	120	61	449	290			9.2	7.7	5.8	4.6	3.8	3.3	3.1	2.9	2.6	2.3
	130	66	470	290			9.7	8.0	6.0	4.8	4.0	3.4	3.2	3.0	2.7	2.4
	140	72	487	300			9.7	8.0	6.0	4.8	4.0	3.4	3.2	3.0	2.7	2.4
	150	77	505	300			10.0	8.3	6.3	5.0	4.2	3.6	3.3	3.1	2.8	2.5
1.74	120	53	484	290			9.9	8.3	6.2	5.0	4.1	3.6	3.3	3.1	2.8	2.5
	130	57	506	290				8.7	6.5	5.2	4.3	3.7	3.5	3.3	2.9	2.6
	140	62	523	300				8.6	6.5	5.2	4.3	3.7	3.5	3.2	2.9	2.6
	150	66	543	300				9.0	6.7	5.4	4.5	3.8	3.6	3.4	3.0	2.7
1.83	130	50	530	290				9.1	6.8	5.5	4.5	3.9	3.6	3.4	3.0	2.7
	140	53	555	300				9.2	6.9	5.5	4.6	3.9	3.7	3.4	3.1	2.8
	150	59	570	310				9.1	6.8	5.5	4.5	3.9	3.6	3.4	3.0	2.7

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3450 W/ NELSON SR150-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.86	60	58	108	180		9.1	4.6	3.7	3.0	2.3	1.8	1.5	1.3	1.3	1.1	1.0	0.9
	70	67	117	190		9.3	4.7	3.7	3.1	2.3	1.9	1.6	1.3	1.3	1.2	1.0	0.9
	80	77	126	190		10.0	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.4	1.3	1.1	1.0
	90	87	132	200		10.0	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.4	1.2	1.1	1.0
	100	96	140	210		10.0	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.4	1.3	1.1	1.0
0.97	60	57	135	190			5.4	4.3	3.6	2.7	2.2	1.8	1.5	1.5	1.3	1.2	1.1
	70	66	150	200			5.7	4.5	3.8	2.8	2.3	1.9	1.6	1.6	1.4	1.3	1.1
	80	75	160	210			5.7	4.6	3.8	2.9	2.3	1.9	1.6	1.6	1.4	1.3	1.1
	90	85	170	210			6.1	4.9	4.1	3.1	2.4	2.0	1.7	1.7	1.5	1.4	1.2
	100	94	179	220			6.1	4.9	4.1	3.1	2.4	2.0	1.7	1.7	1.5	1.4	1.2
1.08	60	55	174	200			6.6	5.2	4.4	3.3	2.6	2.2	1.9	1.9	1.6	1.5	1.3
	70	64	188	210			6.8	5.4	4.5	3.4	2.7	2.3	1.9	1.9	1.7	1.5	1.4
	80	73	201	220			6.9	5.5	4.6	3.4	2.7	2.3	2.0	2.0	1.7	1.5	1.4
	90	82	213	230			6.9	5.5	4.6	3.5	2.8	2.3	2.0	2.0	1.7	1.5	1.4
	100	91	224	230			7.3	5.8	4.9	3.7	2.9	2.4	2.1	2.1	1.8	1.6	1.5
1.18	60	52	209	210			7.5	6.0	5.0	3.8	3.0	2.5	2.1	2.1	1.9	1.7	1.5
	70	61	227	220			7.8	6.2	5.2	3.9	3.1	2.6	2.2	2.2	1.9	1.7	1.6
	80	70	245	230			8.0	6.4	5.3	4.0	3.2	2.7	2.3	2.3	2.0	1.8	1.6
	90	79	259	240			8.1	6.4	5.4	4.0	3.2	2.7	2.3	2.3	2.0	1.8	1.6
	100	87	272	240			8.5	6.8	5.7	4.2	3.4	2.8	2.4	2.4	2.1	1.9	1.7
	110	96	284	250			8.5	6.8	5.6	4.2	3.4	2.8	2.4	2.4	2.1	1.9	1.7
1.26	70	57	271	230			8.8	7.1	5.9	4.4	3.5	2.9	2.5	2.5	2.2	2.0	1.8
	80	66	287	240			8.9	7.2	6.0	4.5	3.6	3.0	2.6	2.6	2.2	2.0	1.8
	90	75	303	250			9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.6	2.3	2.0	1.8
	100	83	321	250			9.6	7.7	6.4	4.8	3.8	3.2	2.7	2.7	2.4	2.1	1.9
	110	91	337	260			9.6	7.7	6.4	4.8	3.9	3.2	2.8	2.8	2.4	2.1	1.9
1.34	70	54	312	240			9.7	7.8	6.5	4.9	3.9	3.2	2.8	2.8	2.4	2.2	1.9
	80	61	335	250			10.0	8.0	6.7	5.0	4.0	3.3	2.9	2.9	2.5	2.2	2.0
	90	70	353	250				8.4	7.0	5.3	4.2	3.5	3.0	3.0	2.6	2.3	2.1
	100	77	373	260				8.5	7.1	5.3	4.3	3.6	3.0	3.1	2.7	2.4	2.1
	110	85	393	270				8.6	7.2	5.4	4.3	3.6	3.1	3.1	2.7	2.4	2.2
	120	93	411	280				8.7	7.2	5.4	4.3	3.6	3.1	3.1	2.7	2.4	2.2
1.41	70	50	350	250				8.4	7.0	5.2	4.2	3.5	3.0	3.0	2.6	2.3	2.1
	80	57	375	250				8.9	7.4	5.6	4.5	3.7	3.2	3.2	2.8	2.5	2.2
	90	65	397	260				9.1	7.6	5.7	4.5	3.8	3.2	3.3	2.8	2.5	2.3
	100	72	421	270				9.3	7.7	5.8	4.6	3.9	3.3	3.3	2.9	2.6	2.3
	110	79	442	280				9.3	7.8	5.8	4.7	3.9	3.3	3.4	2.9	2.6	2.3
	120	86	463	280				9.8	8.2	6.1	4.9	4.1	3.5	3.5	3.1	2.7	2.4
	130	93	485	290				9.9	8.2	6.2	4.9	4.1	3.5	3.6	3.1	2.7	2.5

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3450 W/ NELSON SR200-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
1.29	60	51	232	220			7.9	6.3	5.3	4.0	3.2	2.6	2.3	2.3	2.0	1.8	1.6
	70	59	248	230			8.1	6.5	5.4	4.0	3.2	2.7	2.3	2.3	2.0	1.8	1.6
	80	68	266	240			8.3	6.6	5.5	4.1	3.3	2.8	2.4	2.4	2.1	1.8	1.7
	90	76	284	250			8.5	6.8	5.6	4.2	3.4	2.8	2.4	2.4	2.1	1.9	1.7
	100	85	300	250			8.9	7.2	6.0	4.5	3.6	3.0	2.6	2.6	2.2	2.0	1.8
	110	93	315	260			9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.6	2.2	2.0	1.8
1.46	70	54	312	250			9.3	7.4	6.2	4.7	3.7	3.1	2.7	2.7	2.3	2.1	1.9
	80	61	335	250			10.0	8.0	6.7	5.0	4.0	3.3	2.9	2.9	2.5	2.2	2.0
	90	70	353	260				8.1	6.7	5.0	4.0	3.4	2.9	2.9	2.5	2.2	2.0
	100	77	373	270				8.2	6.8	5.1	4.1	3.4	2.9	3.0	2.6	2.3	2.0
	110	85	393	280				8.3	6.9	5.2	4.1	3.5	3.0	3.0	2.6	2.3	2.1
	120	93	411	280				8.7	7.2	5.4	4.3	3.6	3.1	3.1	2.7	2.4	2.2
1.56	70	50	350	250				8.4	7.0	5.2	4.2	3.5	3.0	3.0	2.6	2.3	2.1
	80	57	375	260				8.6	7.1	5.4	4.3	3.6	3.1	3.1	2.7	2.4	2.1
	90	65	397	270				8.7	7.3	5.5	4.4	3.6	3.1	3.1	2.7	2.4	2.2
	100	72	421	280				8.9	7.4	5.6	4.4	3.7	3.2	3.2	2.8	2.5	2.2
	110	79	442	280				9.3	7.8	5.8	4.7	3.9	3.3	3.4	2.9	2.6	2.3
	120	86	463	290				9.4	7.9	5.9	4.7	3.9	3.4	3.4	2.9	2.6	2.4
	130	93	485	300				9.5	7.9	5.9	4.8	4.0	3.4	3.5	3.0	2.6	2.4
1.66	80	52	417	270				9.2	7.6	5.7	4.6	3.8	3.3	3.3	2.9	2.5	2.3
	90	59	442	280				9.3	7.8	5.8	4.7	3.9	3.3	3.4	2.9	2.6	2.3
	100	66	466	280				9.8	8.2	6.2	4.9	4.1	3.5	3.6	3.1	2.7	2.5
	110	72	491	290				10.0	8.3	6.2	5.0	4.2	3.6	3.6	3.1	2.8	2.5
	120	79	512	300				10.0	8.4	6.3	5.0	4.2	3.6	3.6	3.1	2.8	2.5
	130	86	533	300					8.7	6.5	5.2	4.4	3.7	3.8	3.3	2.9	2.6
	140	93	554	310					8.7	6.6	5.2	4.4	3.7	3.8	3.3	2.9	2.6
1.74	90	53	484	280					8.5	6.4	5.1	4.3	3.6	3.7	3.2	2.8	2.6
	100	60	511	290					8.7	6.5	5.2	4.3	3.7	3.8	3.2	2.9	2.6
	110	65	539	290					9.1	6.9	5.5	4.6	3.9	4.0	3.4	3.0	2.7
	120	72	562	300					9.2	6.9	5.5	4.6	3.9	4.0	3.4	3.1	2.8
	130	78	583	310					9.2	6.9	5.5	4.6	3.9	4.0	3.4	3.1	2.8
	140	85	604	310					9.5	7.1	5.7	4.8	4.1	4.2	3.6	3.2	2.9
	150	91	629	320					9.6	7.2	5.7	4.8	4.1	4.2	3.6	3.2	2.9
1.83	100	54	550	290					9.3	7.0	5.6	4.7	4.0	4.1	3.5	3.1	2.8
	110	59	580	300					9.5	7.1	5.7	4.7	4.1	4.1	3.6	3.2	2.8
	120	65	603	300					9.9	7.4	5.9	4.9	4.2	4.3	3.7	3.3	3.0
	130	70	630	310					9.9	7.5	6.0	5.0	4.3	4.3	3.7	3.3	3.0
	140	75	657	320					10.0	7.5	6.0	5.0	4.3	4.4	3.8	3.3	3.0
	150	81	679	320						7.8	6.2	5.2	4.4	4.5	3.9	3.4	3.1
1.93	120	55	662	300						8.1	6.5	5.4	4.6	4.7	4.1	3.6	3.2
	130	59	690	310						8.2	6.5	5.4	4.7	4.8	4.1	3.6	3.3
	140	64	719	310						8.5	6.8	5.7	4.9	5.0	4.3	3.8	3.4
	150	68	749	320						8.6	6.8	5.7	4.9	5.0	4.3	3.8	3.4

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3450 W/ NELSON SR200-27 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING	APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
					0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
1.29	60	51	232	230		7.6	6.1	5.0	3.8	3.0	2.5	2.2	2.2	1.9	1.7	1.5
	70	59	248	240		7.7	6.2	5.2	3.9	3.1	2.6	2.2	2.2	1.9	1.7	1.5
	80	68	266	250		7.9	6.3	5.3	4.0	3.2	2.6	2.3	2.3	2.0	1.8	1.6
	90	76	284	260		8.1	6.5	5.4	4.1	3.2	2.7	2.3	2.3	2.0	1.8	1.6
	100	85	300	260		8.6	6.9	5.7	4.3	3.4	2.9	2.5	2.5	2.1	1.9	1.7
	110	93	315	270		8.6	6.9	5.8	4.3	3.5	2.9	2.5	2.5	2.2	1.9	1.7
1.46	70	54	312	250		9.3	7.4	6.2	4.7	3.7	3.1	2.7	2.7	2.3	2.1	1.9
	80	61	335	260		9.6	7.7	6.4	4.8	3.8	3.2	2.7	2.8	2.4	2.1	1.9
	90	70	353	270		9.7	7.7	6.5	4.8	3.9	3.2	2.8	2.8	2.4	2.2	1.9
	100	77	373	280		9.8	7.9	6.6	4.9	3.9	3.3	2.8	2.8	2.5	2.2	2.0
	110	85	393	290		10.0	8.0	6.7	5.0	4.0	3.3	2.9	2.9	2.5	2.2	2.0
	120	93	411	290			8.4	7.0	5.2	4.2	3.5	3.0	3.0	2.6	2.3	2.1
1.56	70	50	350	260			8.0	6.7	5.0	4.0	3.3	2.9	2.9	2.5	2.2	2.0
	80	57	375	270			8.2	6.9	5.1	4.1	3.4	2.9	3.0	2.6	2.3	2.1
	90	65	397	280			8.4	7.0	5.2	4.2	3.5	3.0	3.0	2.6	2.3	2.1
	100	72	421	290			8.6	7.1	5.4	4.3	3.6	3.1	3.1	2.7	2.4	2.1
	110	79	442	290			9.0	7.5	5.6	4.5	3.7	3.2	3.3	2.8	2.5	2.2
	120	86	463	300			9.1	7.6	5.7	4.5	3.8	3.2	3.3	2.8	2.5	2.3
	130	93	485	310			9.2	7.7	5.7	4.6	3.8	3.3	3.3	2.9	2.6	2.3
1.66	80	52	417	280			8.8	7.3	5.5	4.4	3.7	3.1	3.2	2.8	2.4	2.2
	90	59	442	290			9.0	7.5	5.6	4.5	3.7	3.2	3.3	2.8	2.5	2.2
	100	66	466	290			9.5	7.9	5.9	4.7	4.0	3.4	3.4	3.0	2.6	2.4
	110	72	491	300			9.6	8.0	6.0	4.8	4.0	3.4	3.5	3.0	2.7	2.4
	120	79	512	310			9.7	8.1	6.1	4.8	4.0	3.5	3.5	3.0	2.7	2.4
	129	86	530	310			10.0	8.4	6.3	5.0	4.2	3.6	3.7	3.1	2.8	2.5
	140	93	554	320				8.4	6.3	5.1	4.2	3.6	3.7	3.2	2.8	2.5
1.74	90	53	484	290				8.2	6.1	4.9	4.1	3.5	3.6	3.1	2.7	2.5
	100	60	511	300				8.3	6.3	5.0	4.2	3.6	3.6	3.1	2.8	2.5
	110	65	539	300				8.8	6.6	5.3	4.4	3.8	3.8	3.3	2.9	2.6
	120	72	562	310				8.9	6.6	5.3	4.4	3.8	3.9	3.3	3.0	2.7
	130	78	583	320				8.9	6.7	5.3	4.4	3.8	3.9	3.3	3.0	2.7
	140	85	604	320				9.2	6.9	5.5	4.6	3.9	4.0	3.5	3.1	2.8
	150	91	629	330				9.3	6.9	5.6	4.6	4.0	4.1	3.5	3.1	2.8
1.83	100	54	550	300				9.0	6.7	5.4	4.5	3.9	3.9	3.4	3.0	2.7
	110	59	580	310				9.1	6.9	5.5	4.6	3.9	4.0	3.4	3.0	2.7
	120	65	603	310				9.5	7.1	5.7	4.8	4.1	4.2	3.6	3.2	2.9
	130	70	630	320				9.6	7.2	5.8	4.8	4.1	4.2	3.6	3.2	2.9
	140	75	657	320				10.0	7.5	6.0	5.0	4.3	4.4	3.8	3.3	3.0
	150	81	679	330				10.0	7.5	6.0	5.0	4.3	4.4	3.8	3.3	3.0
1.93	120	55	662	310					7.8	6.3	5.2	4.5	4.6	3.9	3.5	3.1
	130	59	690	320					7.9	6.3	5.3	4.5	4.6	3.9	3.5	3.2
	140	64	719	320					8.2	6.6	5.5	4.7	4.8	4.1	3.7	3.3
	150	68	749	330					8.3	6.6	5.5	4.7	4.9	4.1	3.7	3.3

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3450L W/ NELSON SR150-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.86	60	57	107	180		9.1	4.5	3.6	3.0	2.3	1.8	1.5	1.3	1.3	1.1	1.0	0.9
	70	67	117	190		9.4	4.7	3.8	3.1	2.3	1.9	1.6	1.3	1.3	1.2	1.0	0.9
	80	76	125	190		10.0	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.4	1.3	1.1	1.0
	90	86	132	200		10.0	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.4	1.3	1.1	1.0
	100	95	140	210			5.1	4.0	3.4	2.5	2.0	1.7	1.4	1.4	1.3	1.1	1.0
0.97	60	56	134	190			5.4	4.3	3.6	2.7	2.2	1.8	1.5	1.5	1.3	1.2	1.1
	70	65	149	200			5.7	4.5	3.8	2.8	2.3	1.9	1.6	1.6	1.4	1.3	1.1
	80	74	159	210			5.7	4.6	3.8	2.9	2.3	1.9	1.6	1.6	1.4	1.3	1.1
	90	84	169	210			6.1	4.9	4.1	3.0	2.4	2.0	1.7	1.7	1.5	1.4	1.2
	100	93	178	220			6.1	4.9	4.1	3.1	2.4	2.0	1.7	1.7	1.5	1.4	1.2
1.08	60	53	172	200			6.5	5.2	4.3	3.3	2.6	2.2	1.9	1.8	1.6	1.4	1.3
	70	62	185	210			6.7	5.3	4.4	3.3	2.7	2.2	1.9	1.9	1.7	1.5	1.3
	80	71	198	220			6.8	5.4	4.5	3.4	2.7	2.3	1.9	1.9	1.7	1.5	1.4
	90	80	210	220			7.2	5.8	4.8	3.6	2.9	2.4	2.1	2.0	1.8	1.6	1.4
	100	89	222	230			7.3	5.8	4.8	3.6	2.9	2.4	2.1	2.1	1.8	1.6	1.5
	110	98	233	240			7.3	5.8	4.9	3.6	2.9	2.4	2.1	2.1	1.8	1.6	1.5
1.18	60	51	207	210			7.5	6.0	5.0	3.7	3.0	2.5	2.1	2.1	1.9	1.7	1.5
	70	59	223	220			7.7	6.1	5.1	3.8	3.1	2.6	2.2	2.2	1.9	1.7	1.5
	80	68	241	230			7.9	6.3	5.3	3.9	3.2	2.6	2.3	2.2	2.0	1.8	1.6
	90	76	254	240			8.0	6.4	5.3	4.0	3.2	2.7	2.3	2.3	2.0	1.8	1.6
	100	85	268	240			8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.4	2.1	1.9	1.7
	110	94	281	250			8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.4	2.1	1.9	1.7
	120	102	293	250			8.8	7.0	5.9	4.4	3.5	2.9	2.5	2.5	2.2	2.0	1.8
1.26	70	55	265	230			8.7	6.9	5.8	4.3	3.5	2.9	2.5	2.5	2.2	1.9	1.7
	80	63	283	240			8.9	7.1	5.9	4.4	3.5	3.0	2.5	2.5	2.2	2.0	1.8
	90	72	299	250			9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.6	2.2	2.0	1.8
	100	80	315	250			9.4	7.6	6.3	4.7	3.8	3.1	2.7	2.7	2.4	2.1	1.9
	110	88	331	260			9.5	7.6	6.3	4.8	3.8	3.2	2.7	2.7	2.4	2.1	1.9
	120	96	347	260			10.0	8.0	6.7	5.0	4.0	3.3	2.9	2.9	2.5	2.2	2.0
1.34	70	51	303	240			9.5	7.6	6.3	4.7	3.8	3.2	2.7	2.7	2.4	2.1	1.9
	80	58	327	240				8.2	6.8	5.1	4.1	3.4	2.9	2.9	2.6	2.3	2.0
	90	66	345	250				8.3	6.9	5.2	4.1	3.4	3.0	3.0	2.6	2.3	2.1
	100	73	365	260				8.4	7.0	5.2	4.2	3.5	3.0	3.0	2.6	2.3	2.1
	110	81	383	270				8.5	7.0	5.3	4.2	3.5	3.0	3.0	2.6	2.3	2.1
	120	88	400	270				8.8	7.4	5.5	4.4	3.7	3.2	3.2	2.8	2.5	2.2
	130	96	417	280				8.9	7.4	5.5	4.4	3.7	3.2	3.2	2.8	2.5	2.2
1.41	80	54	364	250				8.7	7.3	5.5	4.4	3.6	3.1	3.1	2.7	2.4	2.2
	90	60	388	260				8.9	7.4	5.6	4.5	3.7	3.2	3.2	2.8	2.5	2.2
	100	67	409	260				9.4	7.8	5.9	4.7	3.9	3.4	3.4	2.9	2.6	2.4
	110	74	427	270				9.4	7.9	5.9	4.7	3.9	3.4	3.4	2.9	2.6	2.4
	120	81	448	280				9.5	7.9	5.9	4.8	4.0	3.4	3.4	3.0	2.6	2.4
	130	88	469	280				10.0	8.3	6.2	5.0	4.2	3.6	3.6	3.1	2.8	2.5
	140	95	488	290				10.0	8.3	6.2	5.0	4.2	3.6	3.6	3.1	2.8	2.5

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3450L W/ NELSON SR200-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING	APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
					0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
1.29	70	57	244	230		8.0	6.4	5.3	4.0	3.2	2.7	2.3	2.3	2.0	1.8	1.6
	80	66	262	240		8.2	6.6	5.5	4.1	3.3	2.7	2.3	2.3	2.1	1.8	1.6
	90	74	278	250		8.3	6.7	5.6	4.2	3.3	2.8	2.4	2.4	2.1	1.9	1.7
	100	82	294	250		8.8	7.1	5.9	4.4	3.5	2.9	2.5	2.5	2.2	2.0	1.8
	110	90	310	260		8.9	7.1	5.9	4.5	3.6	3.0	2.5	2.6	2.2	2.0	1.8
	120	99	324	260		9.3	7.4	6.2	4.7	3.7	3.1	2.7	2.7	2.3	2.1	1.9
1.46	70	51	303	240		9.5	7.6	6.3	4.7	3.8	3.2	2.7	2.7	2.4	2.1	1.9
	80	58	327	250		9.8	7.8	6.5	4.9	3.9	3.3	2.8	2.8	2.5	2.2	2.0
	90	66	345	260		9.9	7.9	6.6	5.0	4.0	3.3	2.8	2.8	2.5	2.2	2.0
	100	73	365	270			8.1	6.7	5.0	4.0	3.4	2.9	2.9	2.5	2.2	2.0
	110	81	383	270			8.5	7.0	5.3	4.2	3.5	3.0	3.0	2.6	2.3	2.1
	120	88	400	280			8.5	7.1	5.3	4.2	3.5	3.0	3.1	2.7	2.4	2.1
	130	96	417	290			8.5	7.1	5.3	4.3	3.6	3.0	3.1	2.7	2.4	2.1
1.56	80	54	364	260			8.4	7.0	5.2	4.2	3.5	3.0	3.0	2.6	2.3	2.1
	90	60	388	270			8.6	7.1	5.4	4.3	3.6	3.1	3.1	2.7	2.4	2.1
	100	67	409	270			9.0	7.5	5.6	4.5	3.8	3.2	3.2	2.8	2.5	2.3
	110	74	427	280			9.1	7.6	5.7	4.5	3.8	3.2	3.3	2.8	2.5	2.3
	120	81	448	290			9.2	7.6	5.7	4.6	3.8	3.3	3.3	2.9	2.5	2.3
	130	88	469	290			9.6	8.0	6.0	4.8	4.0	3.4	3.5	3.0	2.7	2.4
	140	95	488	300			9.6	8.0	6.0	4.8	4.0	3.4	3.5	3.0	2.7	2.4
1.66	90	55	424	270			9.4	7.8	5.9	4.7	3.9	3.3	3.4	2.9	2.6	2.3
	100	61	449	280			9.5	7.9	6.0	4.8	4.0	3.4	3.4	3.0	2.6	2.4
	110	67	473	290			9.7	8.1	6.0	4.8	4.0	3.5	3.5	3.0	2.7	2.4
	120	73	494	290				8.4	6.3	5.1	4.2	3.6	3.6	3.2	2.8	2.5
	130	80	515	300				8.5	6.4	5.1	4.2	3.6	3.7	3.2	2.8	2.5
	140	86	533	300				8.8	6.6	5.3	4.4	3.8	3.8	3.3	2.9	2.6
	150	92	554	310				8.8	6.6	5.3	4.4	3.8	3.8	3.3	2.9	2.6
1.74	100	54	488	280				8.6	6.5	5.2	4.3	3.7	3.7	3.2	2.9	2.6
	110	60	515	290				8.8	6.6	5.3	4.4	3.8	3.8	3.3	2.9	2.6
	120	65	539	290				9.2	6.9	5.5	4.6	3.9	4.0	3.4	3.1	2.8
	130	71	562	300				9.2	6.9	5.5	4.6	4.0	4.0	3.5	3.1	2.8
	140	77	580	310				9.2	6.9	5.5	4.6	3.9	4.0	3.4	3.1	2.8
	150	83	601	310				9.5	7.1	5.7	4.8	4.1	4.1	3.6	3.2	2.9
1.83	110	53	550	290				9.4	7.0	5.6	4.7	4.0	4.1	3.5	3.1	2.8
	120	58	575	300				9.5	7.1	5.7	4.7	4.1	4.1	3.5	3.2	2.8
	130	63	603	300				9.9	7.4	5.9	5.0	4.2	4.3	3.7	3.3	3.0
	140	68	626	310				9.9	7.4	6.0	5.0	4.3	4.3	3.7	3.3	3.0
	150	73	648	310					7.7	6.2	5.1	4.4	4.5	3.9	3.4	3.1
1.93	130	52	651	300					8.0	6.4	5.4	4.6	4.6	4.0	3.6	3.2
	140	56	679	300					8.4	6.7	5.6	4.8	4.8	4.2	3.7	3.3
	150	61	701	310					8.3	6.7	5.6	4.8	4.8	4.2	3.7	3.3

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3450L W/ NELSON SR200-27 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING	APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
					0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
1.29	70	57	244	230		8.0	6.4	5.3	4.0	3.2	2.7	2.3	2.3	2.0	1.8	1.6
	80	66	262	240		8.2	6.6	5.5	4.1	3.3	2.7	2.3	2.3	2.1	1.8	1.6
	90	74	278	250		8.3	6.7	5.6	4.2	3.3	2.8	2.4	2.4	2.1	1.9	1.7
	100	82	294	260		8.5	6.8	5.6	4.2	3.4	2.8	2.4	2.4	2.1	1.9	1.7
	110	90	310	270		8.6	6.8	5.7	4.3	3.4	2.9	2.4	2.5	2.1	1.9	1.7
	120	99	324	270		8.9	7.1	6.0	4.5	3.6	3.0	2.6	2.6	2.2	2.0	1.8
1.46	70	51	303	250		9.1	7.3	6.1	4.5	3.6	3.0	2.6	2.6	2.3	2.0	1.8
	80	58	327	260		9.4	7.5	6.3	4.7	3.8	3.1	2.7	2.7	2.4	2.1	1.9
	90	66	345	270		9.5	7.6	6.4	4.8	3.8	3.2	2.7	2.7	2.4	2.1	1.9
	100	73	365	270			8.1	6.7	5.0	4.0	3.4	2.9	2.9	2.5	2.2	2.0
	110	81	383	280			8.1	6.8	5.1	4.1	3.4	2.9	2.9	2.5	2.3	2.0
	120	88	400	290			8.2	6.8	5.1	4.1	3.4	2.9	3.0	2.6	2.3	2.0
	130	96	417	290			8.5	7.1	5.3	4.3	3.6	3.0	3.1	2.7	2.4	2.1
1.56	80	54	364	260			8.4	7.0	5.2	4.2	3.5	3.0	3.0	2.6	2.3	2.1
	90	60	388	270			8.6	7.1	5.4	4.3	3.6	3.1	3.1	2.7	2.4	2.1
	100	67	409	280			8.7	7.2	5.4	4.3	3.6	3.1	3.1	2.7	2.4	2.2
	110	74	427	290			8.7	7.3	5.5	4.4	3.6	3.1	3.1	2.7	2.4	2.2
	120	81	448	300			8.8	7.4	5.5	4.4	3.7	3.2	3.2	2.8	2.5	2.2
	130	88	469	300			9.3	7.7	5.8	4.6	3.9	3.3	3.3	2.9	2.6	2.3
	140	95	488	310			9.3	7.7	5.8	4.6	3.9	3.3	3.4	2.9	2.6	2.3
1.66	90	55	424	280			9.0	7.5	5.6	4.5	3.8	3.2	3.2	2.8	2.5	2.3
	100	61	449	290			9.2	7.6	5.7	4.6	3.8	3.3	3.3	2.9	2.5	2.3
	110	67	473	300			9.3	7.8	5.8	4.7	3.9	3.3	3.4	2.9	2.6	2.3
	120	73	494	300			9.7	8.1	6.1	4.9	4.1	3.5	3.5	3.0	2.7	2.4
	130	80	515	310			9.8	8.2	6.1	4.9	4.1	3.5	3.6	3.1	2.7	2.5
	140	86	533	310				8.5	6.3	5.1	4.2	3.6	3.7	3.2	2.8	2.5
	150	92	554	320				8.5	6.4	5.1	4.2	3.6	3.7	3.2	2.8	2.5
1.74	100	54	488	290				8.3	6.2	5.0	4.2	3.6	3.6	3.1	2.8	2.5
	110	60	515	300				8.5	6.4	5.1	4.2	3.6	3.7	3.2	2.8	2.5
	120	65	539	300				8.9	6.6	5.3	4.4	3.8	3.8	3.3	3.0	2.7
	130	71	562	310				8.9	6.7	5.4	4.5	3.8	3.9	3.3	3.0	2.7
	140	77	580	320				8.9	6.7	5.3	4.4	3.8	3.9	3.3	3.0	2.7
	150	83	601	320				9.2	6.9	5.5	4.6	3.9	4.0	3.5	3.1	2.8
1.83	110	53	550	300				9.0	6.8	5.4	4.5	3.9	3.9	3.4	3.0	2.7
	120	58	575	310				9.1	6.8	5.5	4.6	3.9	4.0	3.4	3.0	2.7
	130	63	603	310				9.6	7.2	5.7	4.8	4.1	4.2	3.6	3.2	2.9
	140	68	626	320				9.6	7.2	5.8	4.8	4.1	4.2	3.6	3.2	2.9
	150	73	648	320				9.9	7.5	6.0	5.0	4.3	4.3	3.7	3.3	3.0
1.93	130	52	651	310					7.7	6.2	5.2	4.4	4.5	3.9	3.4	3.1
	140	56	679	310					8.1	6.5	5.4	4.6	4.7	4.0	3.6	3.2
	150	61	701	320					8.1	6.4	5.4	4.6	4.7	4.0	3.6	3.2

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3500 W/ NELSON SR150-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING		APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
						0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
0.86	60	59	109	180		9.1	4.5	3.6	3.0	2.3	1.8	1.5	1.3	1.3	1.1	1.0	0.9
	70	69	119	190		9.3	4.7	3.7	3.1	2.3	1.9	1.6	1.3	1.3	1.2	1.0	0.9
	80	79	127	200		9.4	4.7	3.8	3.1	2.4	1.9	1.6	1.3	1.4	1.2	1.0	0.9
	90	88	134	200		9.9	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.4	1.2	1.1	1.0
	100	98	141	210		10.0	5.0	4.0	3.3	2.5	2.0	1.7	1.4	1.4	1.2	1.1	1.0
0.97	60	58	136	190			5.3	4.3	3.5	2.7	2.1	1.8	1.5	1.5	1.3	1.2	1.1
	70	68	153	200			5.7	4.5	3.8	2.8	2.3	1.9	1.6	1.6	1.4	1.3	1.1
	80	78	163	210			5.7	4.6	3.8	2.9	2.3	1.9	1.6	1.7	1.4	1.3	1.1
	90	87	173	220			5.8	4.6	3.9	2.9	2.3	1.9	1.7	1.7	1.4	1.3	1.2
	100	97	182	220			6.1	4.9	4.1	3.0	2.4	2.0	1.7	1.8	1.5	1.4	1.2
1.08	60	57	177	210			6.2	5.0	4.2	3.1	2.5	2.1	1.8	1.8	1.6	1.4	1.2
	70	67	193	210			6.8	5.4	4.5	3.4	2.7	2.3	1.9	2.0	1.7	1.5	1.4
	80	77	206	220			6.9	5.5	4.6	3.5	2.8	2.3	2.0	2.0	1.7	1.5	1.4
	90	86	218	230			6.9	5.6	4.6	3.5	2.8	2.3	2.0	2.0	1.7	1.5	1.4
	100	96	230	240			7.0	5.6	4.7	3.5	2.8	2.3	2.0	2.1	1.8	1.6	1.4
1.18	60	56	217	220			7.3	5.8	4.8	3.6	2.9	2.4	2.1	2.1	1.8	1.6	1.5
	70	66	237	230			7.6	6.0	5.0	3.8	3.0	2.5	2.2	2.2	1.9	1.7	1.5
	80	75	253	230			8.1	6.4	5.4	4.0	3.2	2.7	2.3	2.3	2.0	1.8	1.6
	90	84	266	240			8.1	6.5	5.4	4.1	3.2	2.7	2.3	2.4	2.0	1.8	1.6
	100	94	281	250			8.2	6.5	5.5	4.1	3.3	2.7	2.3	2.4	2.0	1.8	1.6
1.26	60	55	263	230			8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.4	2.1	1.9	1.7
	70	64	283	240			8.6	6.9	5.7	4.3	3.4	2.9	2.5	2.5	2.2	1.9	1.7
	80	73	301	250			8.8	7.0	5.8	4.4	3.5	2.9	2.5	2.6	2.2	1.9	1.8
	90	82	319	250			9.3	7.4	6.2	4.6	3.7	3.1	2.7	2.7	2.3	2.1	1.9
	100	91	337	260			9.4	7.5	6.3	4.7	3.8	3.1	2.7	2.8	2.4	2.1	1.9
1.34	60	53	309	240			9.4	7.5	6.3	4.7	3.8	3.1	2.7	2.8	2.4	2.1	1.9
	70	62	335	250			9.8	7.8	6.5	4.9	3.9	3.3	2.8	2.9	2.4	2.2	2.0
	80	70	358	260			10.0	8.0	6.7	5.0	4.0	3.3	2.9	2.9	2.5	2.2	2.0
	90	79	378	260				8.4	7.0	5.3	4.2	3.5	3.0	3.1	2.6	2.3	2.1
	100	88	400	270				8.6	7.1	5.4	4.3	3.6	3.1	3.2	2.7	2.4	2.1
	110	97	419	280				8.6	7.2	5.4	4.3	3.6	3.1	3.2	2.7	2.4	2.2
1.41	60	51	354	250				8.2	6.9	5.1	4.1	3.4	2.9	3.0	2.6	2.3	2.1
	70	59	382	250				8.9	7.4	5.6	4.4	3.7	3.2	3.3	2.8	2.5	2.2
	80	68	409	260				9.1	7.6	5.7	4.6	3.8	3.3	3.4	2.9	2.5	2.3
	90	76	433	270				9.3	7.7	5.8	4.6	3.9	3.3	3.4	2.9	2.6	2.3
	100	85	460	280				9.5	7.9	5.9	4.7	3.9	3.4	3.5	3.0	2.6	2.4
	110	93	483	290				9.6	8.0	6.0	4.8	4.0	3.4	3.6	3.0	2.7	2.4

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3500 W/ NELSON SR200-24 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING	APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
					0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
1.29	60	55	240	230		7.7	6.1	5.1	3.8	3.1	2.6	2.2	2.2	1.9	1.7	1.5
	70	65	260	240		7.9	6.3	5.3	4.0	3.2	2.6	2.3	2.3	2.0	1.8	1.6
	80	74	278	250		8.1	6.5	5.4	4.1	3.2	2.7	2.3	2.4	2.0	1.8	1.6
	90	83	296	250		8.6	6.9	5.7	4.3	3.4	2.9	2.5	2.5	2.2	1.9	1.7
	100	92	315	260		8.8	7.0	5.9	4.4	3.5	2.9	2.5	2.6	2.2	2.0	1.8
1.46	60	53	309	240		9.4	7.5	6.3	4.7	3.8	3.1	2.7	2.8	2.4	2.1	1.9
	70	62	335	250		9.8	7.8	6.5	4.9	3.9	3.3	2.8	2.9	2.4	2.2	2.0
	80	70	358	260		10.0	8.0	6.7	5.0	4.0	3.3	2.9	2.9	2.5	2.2	2.0
	90	79	378	270			8.1	6.7	5.1	4.0	3.4	2.9	3.0	2.5	2.2	2.0
	100	88	400	280			8.2	6.9	5.1	4.1	3.4	2.9	3.1	2.6	2.3	2.1
	110	97	419	290			8.3	6.9	5.2	4.1	3.5	3.0	3.1	2.6	2.3	2.1
1.56	60	51	354	250			8.2	6.9	5.1	4.1	3.4	2.9	3.0	2.6	2.3	2.1
	70	59	382	260			8.5	7.1	5.3	4.3	3.5	3.0	3.1	2.7	2.4	2.1
	80	68	409	270			8.8	7.3	5.5	4.4	3.7	3.1	3.2	2.7	2.4	2.2
	90	76	433	280			8.9	7.4	5.6	4.5	3.7	3.2	3.3	2.8	2.5	2.2
	100	85	460	290			9.1	7.6	5.7	4.6	3.8	3.3	3.4	2.8	2.5	2.3
	110	93	483	300			9.2	7.7	5.8	4.6	3.8	3.3	3.4	2.9	2.6	2.3
1.66	70	56	431	270			9.2	7.7	5.8	4.6	3.8	3.3	3.4	2.9	2.6	2.3
	80	65	463	280			9.5	7.9	6.0	4.8	4.0	3.4	3.5	3.0	2.6	2.4
	90	73	491	290			9.7	8.1	6.1	4.9	4.0	3.5	3.6	3.0	2.7	2.4
	100	81	518	300			9.9	8.2	6.2	4.9	4.1	3.5	3.7	3.1	2.7	2.5
	110	89	542	310			10.0	8.3	6.2	5.0	4.2	3.6	3.7	3.1	2.8	2.5
	120	97	569	310			10.5	8.7	6.5	5.2	4.4	3.7	3.9	3.3	2.9	2.6
1.74	70	53	484	280			10.0	8.3	6.2	5.0	4.1	3.6	3.7	3.1	2.8	2.5
	80	61	519	290				8.6	6.4	5.1	4.3	3.7	3.8	3.2	2.9	2.6
	90	69	551	300				8.8	6.6	5.3	4.4	3.8	3.9	3.3	2.9	2.6
	100	77	580	310				8.9	6.7	5.3	4.4	3.8	4.0	3.3	3.0	2.7
	110	84	608	310				9.3	7.0	5.6	4.7	4.0	4.2	3.5	3.1	2.8
	120	92	636	320				9.4	7.1	5.6	4.7	4.0	4.2	3.5	3.1	2.8
1.83	70	50	535	290				8.8	6.6	5.3	4.4	3.8	3.9	3.3	2.9	2.6
	80	57	570	290				9.4	7.1	5.6	4.7	4.0	4.2	3.5	3.1	2.8
	90	64	608	300				9.7	7.2	5.8	4.8	4.1	4.3	3.6	3.2	2.9
	100	72	639	310				9.8	7.3	5.9	4.9	4.2	4.4	3.7	3.3	2.9
	110	79	671	320				9.9	7.4	6.0	5.0	4.3	4.5	3.7	3.3	3.0
	120	87	703	330				10.0	7.5	6.0	5.0	4.3	4.6	3.8	3.3	3.0
	130	94	731	330					7.8	6.3	5.2	4.5	4.7	3.9	3.5	3.1
1.93	80	51	646	300					7.7	6.2	5.1	4.4	4.6	3.8	3.4	3.1
	90	58	684	310					7.9	6.3	5.2	4.5	4.7	3.9	3.5	3.1
	100	65	725	320					8.0	6.4	5.4	4.6	4.8	4.0	3.6	3.2
	110	71	760	320					8.4	6.7	5.6	4.8	5.1	4.2	3.7	3.4
	120	78	795	330					8.5	6.8	5.7	4.9	5.2	4.3	3.8	3.4
	130	85	825	340					8.6	6.8	5.7	4.9	5.2	4.3	3.8	3.4
	140	91	860	340					8.9	7.1	5.9	5.1	5.4	4.5	4.0	3.6
	150	98	891	350					8.9	7.2	6.0	5.1	5.4	4.5	4.0	3.6

GROSS APPLICATION DEPTH VS. GROUND SPEED
MODEL A3500 W/ NELSON SR200-27 GUN & RING NOZZLES

RING SIZE	ELBOW PRESSURE	GUN PRESSURE	GALLONS PER MINUTE	RECOMMENDED LANE SPACING	APPLICATION DEPTH (IN INCHES) VS. GROUND SPEED (IN FEET PER MINUTE)											
					0.1	0.2	0.25	0.3	0.4	0.5	0.6	0.7	0.75	0.8	0.9	1.0
1.29	60	55	240	230		7.7	6.1	5.1	3.8	3.1	2.6	2.2	2.2	1.9	1.7	1.5
	70	65	260	240		7.9	6.3	5.3	4.0	3.2	2.6	2.3	2.3	2.0	1.8	1.6
	80	74	278	250		8.1	6.5	5.4	4.1	3.2	2.7	2.3	2.4	2.0	1.8	1.6
	90	83	296	260		8.3	6.6	5.5	4.1	3.3	2.8	2.4	2.4	2.1	1.8	1.7
	100	92	315	270		8.4	6.7	5.6	4.2	3.4	2.8	2.4	2.5	2.1	1.9	1.7
1.46	60	53	309	250		9.0	7.2	6.0	4.5	3.6	3.0	2.6	2.6	2.3	2.0	1.8
	70	62	335	260		9.4	7.5	6.2	4.7	3.7	3.1	2.7	2.8	2.3	2.1	1.9
	80	70	358	270		9.6	7.7	6.4	4.8	3.8	3.2	2.7	2.8	2.4	2.1	1.9
	90	79	378	280		9.7	7.8	6.5	4.9	3.9	3.2	2.8	2.9	2.4	2.2	1.9
	100	88	400	290		9.9	7.9	6.6	5.0	4.0	3.3	2.8	3.0	2.5	2.2	2.0
	110	97	419	300		10.0	8.0	6.7	5.0	4.0	3.3	2.9	3.0	2.5	2.2	2.0
1.56	60	51	354	260		9.9	7.9	6.6	4.9	3.9	3.3	2.8	2.9	2.5	2.2	2.0
	70	59	382	270			8.2	6.8	5.1	4.1	3.4	2.9	3.0	2.6	2.3	2.0
	80	68	409	280			8.4	7.0	5.3	4.2	3.5	3.0	3.1	2.6	2.3	2.1
	90	76	433	290			8.6	7.1	5.4	4.3	3.6	3.1	3.2	2.7	2.4	2.1
	100	85	460	300			8.8	7.3	5.5	4.4	3.7	3.1	3.3	2.7	2.4	2.2
	110	93	483	310			8.9	7.4	5.5	4.4	3.7	3.2	3.3	2.8	2.5	2.2
1.66	70	56	431	280			8.9	7.4	5.5	4.4	3.7	3.2	3.3	2.8	2.5	2.2
	80	65	463	290			9.2	7.6	5.7	4.6	3.8	3.3	3.4	2.9	2.5	2.3
	90	73	491	300			9.4	7.8	5.8	4.7	3.9	3.3	3.5	2.9	2.6	2.3
	100	81	518	310			9.5	7.9	6.0	4.8	4.0	3.4	3.6	3.0	2.6	2.4
	110	89	542	320			9.6	8.0	6.0	4.8	4.0	3.4	3.6	3.0	2.7	2.4
	120	97	569	320			10.1	8.4	6.3	5.1	4.2	3.6	3.8	3.2	2.8	2.5
1.74	70	53	484	290			9.6	8.0	6.0	4.8	4.0	3.4	3.6	3.0	2.7	2.4
	80	61	519	300			9.9	8.2	6.2	4.9	4.1	3.5	3.7	3.1	2.7	2.5
	90	69	551	310				8.4	6.3	5.1	4.2	3.6	3.8	3.2	2.8	2.5
	100	77	580	320				8.6	6.4	5.1	4.3	3.7	3.9	3.2	2.9	2.6
	110	84	608	320				9.0	6.7	5.4	4.5	3.9	4.1	3.4	3.0	2.7
	120	92	636	330				9.1	6.8	5.5	4.5	3.9	4.1	3.4	3.0	2.7
1.83	70	50	535	290				8.8	6.6	5.3	4.4	3.8	3.9	3.3	2.9	2.6
	80	57	570	300				9.1	6.8	5.4	4.5	3.9	4.1	3.4	3.0	2.7
	90	64	608	310				9.3	7.0	5.6	4.7	4.0	4.2	3.5	3.1	2.8
	100	72	639	320				9.5	7.1	5.7	4.7	4.1	4.3	3.5	3.2	2.8
	110	79	671	330				9.6	7.2	5.8	4.8	4.1	4.3	3.6	3.2	2.9
	120	87	703	340				9.7	7.3	5.8	4.9	4.2	4.4	3.6	3.2	2.9
	130	94	731	340					7.6	6.1	5.1	4.3	4.6	3.8	3.4	3.0
1.93	80	51	646	310					7.4	5.9	4.9	4.2	4.5	3.7	3.3	3.0
	90	58	684	320					7.6	6.1	5.1	4.3	4.6	3.8	3.4	3.0
	100	65	725	330					7.8	6.2	5.2	4.4	4.7	3.9	3.5	3.1
	110	71	760	330					8.1	6.5	5.4	4.7	4.9	4.1	3.6	3.3
	120	78	795	340					8.2	6.6	5.5	4.7	5.0	4.1	3.7	3.3
	130	85	825	350					8.3	6.6	5.5	4.7	5.0	4.1	3.7	3.3
	140	91	860	350					8.6	6.9	5.8	4.9	5.3	4.3	3.8	3.5
	150	98	891	360					8.7	6.9	5.8	5.0	5.3	4.3	3.9	3.5

AVERAGE APPLICATION RATE DATA FOR NELSON SR100 GUN @ 24 DEGREES FOR VARIOUS RING SIZES, PRESSURES AND ARCS OF THROW BASED ON PUBLISHED PERFORMANCE DATA FROM NELSON IRRIGATION

RING SIZE	GUN PRESSURE	GPM	DIAMETER	360 ARC	330 ARC	300 ARC	270 ARC	240 ARC	210 ARC	180 ARC	150 ARC	120 ARC
0.71	50	74	220	0.23	0.25	0.28	0.31	0.35	0.40	0.46	0.56	0.69
	60	81	235	0.22	0.24	0.27	0.30	0.33	0.38	0.44	0.53	0.67
	70	88	245	0.22	0.24	0.27	0.30	0.33	0.38	0.44	0.53	0.67
	80	94	255	0.22	0.24	0.26	0.29	0.33	0.38	0.44	0.53	0.66
	90	99	265	0.21	0.23	0.26	0.28	0.32	0.37	0.43	0.51	0.64
	100	105	270	0.22	0.24	0.26	0.29	0.33	0.37	0.44	0.52	0.65
	110	110	275	0.22	0.24	0.26	0.29	0.33	0.38	0.44	0.53	0.66
0.77	50	88	225	0.26	0.29	0.32	0.35	0.39	0.45	0.53	0.63	0.79
	60	96	240	0.25	0.28	0.30	0.34	0.38	0.43	0.50	0.61	0.76
	70	104	250	0.25	0.27	0.30	0.34	0.38	0.43	0.50	0.60	0.76
	80	111	265	0.24	0.26	0.29	0.32	0.36	0.41	0.48	0.57	0.72
	90	117	275	0.23	0.26	0.28	0.31	0.35	0.40	0.47	0.56	0.70
	100	124	280	0.24	0.26	0.29	0.32	0.36	0.41	0.48	0.57	0.72
	110	130	290	0.23	0.26	0.28	0.31	0.35	0.40	0.47	0.56	0.70
0.81	50	100	230	0.29	0.31	0.34	0.38	0.43	0.49	0.57	0.69	0.86
	60	110	245	0.28	0.30	0.33	0.37	0.42	0.48	0.55	0.67	0.83
	70	118	260	0.26	0.29	0.32	0.35	0.40	0.45	0.53	0.63	0.79
	80	127	275	0.25	0.28	0.31	0.34	0.38	0.44	0.51	0.61	0.76
	90	134	285	0.25	0.27	0.30	0.33	0.37	0.43	0.50	0.60	0.75
	100	142	295	0.25	0.27	0.30	0.33	0.37	0.42	0.49	0.59	0.74
	110	149	305	0.24	0.26	0.29	0.32	0.36	0.42	0.48	0.58	0.73
0.86	50	115	240	0.30	0.33	0.36	0.40	0.45	0.52	0.60	0.73	0.91
	60	125	260	0.28	0.31	0.34	0.37	0.42	0.48	0.56	0.67	0.84
	70	135	275	0.27	0.29	0.32	0.36	0.41	0.46	0.54	0.65	0.81
	80	145	285	0.27	0.29	0.32	0.36	0.41	0.46	0.54	0.65	0.81
	90	154	295	0.27	0.29	0.32	0.36	0.40	0.46	0.54	0.64	0.80
	100	162	305	0.26	0.29	0.32	0.35	0.40	0.45	0.53	0.63	0.79
	110	170	315	0.26	0.28	0.31	0.35	0.39	0.44	0.52	0.62	0.78
0.89	50	129	250	0.31	0.34	0.37	0.42	0.47	0.54	0.62	0.75	0.94
	60	141	270	0.29	0.32	0.35	0.39	0.44	0.50	0.59	0.70	0.88
	70	152	290	0.27	0.30	0.33	0.36	0.41	0.47	0.55	0.66	0.82
	80	163	300	0.27	0.30	0.33	0.37	0.41	0.47	0.55	0.66	0.82
	90	173	310	0.27	0.30	0.33	0.36	0.41	0.47	0.55	0.65	0.82
	100	182	320	0.27	0.29	0.32	0.36	0.40	0.46	0.54	0.65	0.81
	110	191	325	0.27	0.30	0.33	0.36	0.41	0.47	0.55	0.66	0.82
0.93	50	150	255	0.35	0.38	0.42	0.47	0.52	0.60	0.70	0.84	1.05
	60	164	275	0.33	0.36	0.39	0.44	0.49	0.56	0.66	0.79	0.98
	70	177	295	0.31	0.34	0.37	0.41	0.46	0.53	0.62	0.74	0.92
	80	189	305	0.31	0.34	0.37	0.41	0.46	0.53	0.62	0.74	0.92
	90	201	315	0.31	0.33	0.37	0.41	0.46	0.53	0.61	0.74	0.92
	100	212	325	0.30	0.33	0.36	0.41	0.46	0.52	0.61	0.73	0.91
	110	222	335	0.30	0.33	0.36	0.40	0.45	0.51	0.60	0.72	0.90
0.96	50	167	260	0.37	0.41	0.45	0.50	0.56	0.64	0.75	0.90	1.12
	60	183	280	0.35	0.39	0.42	0.47	0.53	0.61	0.71	0.85	1.06
	70	198	300	0.33	0.36	0.40	0.44	0.50	0.57	0.67	0.80	1.00
	80	211	315	0.32	0.35	0.39	0.43	0.48	0.55	0.64	0.77	0.97
	90	224	325	0.32	0.35	0.39	0.43	0.48	0.55	0.64	0.77	0.96
	100	236	335	0.32	0.35	0.38	0.42	0.48	0.55	0.64	0.76	0.96
	110	248	345	0.32	0.34	0.38	0.42	0.47	0.54	0.63	0.76	0.95

AVERAGE APPLICATION RATE DATA FOR NELSON SR150 GUN @ 24 DEGREES FOR VARIOUS RING SIZES, PRESSURES AND ARCS OF THROW BASED ON PUBLISHED PERFORMANCE DATA FROM NELSON IRRIGATION

RING SIZE	GUN PRESSURE	GPM	DIAMETER	360 ARC	330 ARC	300 ARC	270 ARC	240 ARC	210 ARC	180 ARC	150 ARC	120 ARC
0.86	50	100	245	0.25	0.28	0.30	0.34	0.38	0.43	0.50	0.61	0.76
	60	110	260	0.25	0.27	0.30	0.33	0.37	0.42	0.49	0.59	0.74
	70	120	270	0.25	0.27	0.30	0.33	0.37	0.43	0.50	0.60	0.75
	80	128	280	0.25	0.27	0.30	0.33	0.37	0.42	0.49	0.59	0.74
	90	135	290	0.24	0.27	0.29	0.32	0.36	0.42	0.49	0.58	0.73
	100	143	300	0.24	0.26	0.29	0.32	0.36	0.41	0.48	0.58	0.72
	110	150	310	0.24	0.26	0.28	0.32	0.35	0.41	0.47	0.57	0.71
	120	157	315	0.24	0.26	0.29	0.32	0.36	0.41	0.48	0.57	0.72
0.97	50	130	265	0.28	0.31	0.34	0.37	0.42	0.48	0.56	0.67	0.84
	60	143	280	0.28	0.30	0.33	0.37	0.41	0.47	0.55	0.66	0.83
	70	155	290	0.28	0.30	0.33	0.37	0.42	0.48	0.56	0.67	0.84
	80	165	300	0.28	0.30	0.33	0.37	0.42	0.48	0.56	0.67	0.83
	90	175	310	0.28	0.30	0.33	0.37	0.41	0.47	0.55	0.66	0.83
	100	185	320	0.27	0.30	0.33	0.36	0.41	0.47	0.55	0.66	0.82
	110	195	330	0.27	0.30	0.33	0.36	0.41	0.46	0.54	0.65	0.81
	120	204	335	0.28	0.30	0.33	0.37	0.41	0.47	0.55	0.66	0.83
1.08	50	165	285	0.31	0.34	0.37	0.41	0.46	0.53	0.62	0.74	0.92
	60	182	300	0.31	0.33	0.37	0.41	0.46	0.52	0.61	0.73	0.92
	70	197	310	0.31	0.34	0.37	0.41	0.47	0.53	0.62	0.74	0.93
	80	210	320	0.31	0.34	0.37	0.41	0.47	0.53	0.62	0.75	0.93
	90	223	330	0.31	0.34	0.37	0.41	0.46	0.53	0.62	0.74	0.93
	100	235	340	0.31	0.34	0.37	0.41	0.46	0.53	0.62	0.74	0.92
	110	247	350	0.31	0.33	0.37	0.41	0.46	0.52	0.61	0.73	0.92
	120	258	360	0.30	0.33	0.36	0.40	0.45	0.52	0.60	0.72	0.90
1.18	50	205	300	0.34	0.38	0.41	0.46	0.52	0.59	0.69	0.83	1.03
	60	225	315	0.34	0.37	0.41	0.46	0.51	0.59	0.69	0.82	1.03
	70	245	330	0.34	0.37	0.41	0.45	0.51	0.58	0.68	0.82	1.02
	80	260	340	0.34	0.37	0.41	0.45	0.51	0.58	0.68	0.82	1.02
	90	275	350	0.34	0.37	0.41	0.45	0.51	0.58	0.68	0.82	1.02
	100	290	360	0.34	0.37	0.41	0.45	0.51	0.58	0.68	0.81	1.02
	110	305	370	0.34	0.37	0.40	0.45	0.51	0.58	0.67	0.81	1.01
	120	320	380	0.34	0.37	0.40	0.45	0.50	0.58	0.67	0.81	1.01
1.26	50	255	320	0.38	0.41	0.45	0.50	0.57	0.65	0.75	0.90	1.13
	60	275	335	0.37	0.40	0.45	0.49	0.56	0.64	0.74	0.89	1.11
	70	295	350	0.36	0.40	0.44	0.49	0.55	0.62	0.73	0.87	1.09
	80	315	360	0.37	0.40	0.44	0.49	0.55	0.63	0.74	0.88	1.10
	90	335	370	0.37	0.40	0.44	0.49	0.56	0.64	0.74	0.89	1.11
	100	355	380	0.37	0.41	0.45	0.50	0.56	0.64	0.74	0.89	1.12
	110	370	390	0.37	0.40	0.44	0.49	0.55	0.63	0.74	0.88	1.10
	120	385	400	0.36	0.40	0.44	0.49	0.55	0.62	0.73	0.87	1.09
1.34	50	300	335	0.40	0.44	0.49	0.54	0.61	0.69	0.81	0.97	1.21
	60	330	350	0.41	0.44	0.49	0.54	0.61	0.70	0.82	0.98	1.22
	70	355	365	0.40	0.44	0.48	0.54	0.61	0.69	0.81	0.97	1.21
	80	380	380	0.40	0.43	0.48	0.53	0.60	0.68	0.80	0.96	1.20
	90	405	390	0.40	0.44	0.48	0.54	0.60	0.69	0.81	0.97	1.21
	100	425	400	0.40	0.44	0.48	0.54	0.60	0.69	0.80	0.97	1.21
	110	445	410	0.40	0.44	0.48	0.53	0.60	0.69	0.80	0.96	1.20
	120	465	420	0.40	0.44	0.48	0.53	0.60	0.68	0.80	0.96	1.20
1.41	50	350	350	0.43	0.47	0.52	0.58	0.65	0.74	0.87	1.04	1.30
	60	385	365	0.44	0.48	0.52	0.58	0.66	0.75	0.87	1.05	1.31
	70	415	380	0.44	0.47	0.52	0.58	0.65	0.75	0.87	1.04	1.31
	80	445	395	0.43	0.47	0.52	0.58	0.65	0.74	0.86	1.04	1.30
	90	475	405	0.44	0.48	0.53	0.58	0.66	0.75	0.88	1.05	1.32
	100	500	415	0.44	0.48	0.53	0.59	0.66	0.75	0.88	1.05	1.32
	110	525	425	0.44	0.48	0.53	0.59	0.66	0.75	0.88	1.06	1.32
	120	545	435	0.44	0.48	0.52	0.58	0.65	0.75	0.87	1.05	1.31

AVERAGE APPLICATION RATE DATA FOR NELSON SR200 GUN @ 24 DEGREES FOR VARIOUS RING SIZES, PRESSURES AND ARCS OF THROW BASED ON PUBLISHED PERFORMANCE DATA FROM NELSON IRRIGATION

RING SIZE	GUN PRESSURE	GPM	DIAMETER	360 ARC	330 ARC	300 ARC	270 ARC	240 ARC	210 ARC	180 ARC	150 ARC	120 ARC
1.29	50	230	315	0.35	0.38	0.42	0.47	0.53	0.60	0.70	0.84	1.05
	60	250	330	0.35	0.38	0.42	0.46	0.52	0.60	0.70	0.84	1.04
	70	270	345	0.34	0.37	0.41	0.46	0.52	0.59	0.69	0.82	1.03
	80	290	360	0.34	0.37	0.41	0.45	0.51	0.58	0.68	0.81	1.02
	90	310	370	0.34	0.37	0.41	0.46	0.51	0.59	0.69	0.82	1.03
	100	325	380	0.34	0.37	0.41	0.45	0.51	0.58	0.68	0.82	1.02
	110	340	390	0.34	0.37	0.41	0.45	0.51	0.58	0.68	0.81	1.02
	120	355	400	0.34	0.37	0.40	0.45	0.50	0.58	0.67	0.81	1.01
	130	370	400	0.35	0.38	0.42	0.47	0.53	0.60	0.70	0.84	1.05
1.46	50	300	345	0.38	0.42	0.46	0.51	0.57	0.65	0.76	0.92	1.14
	60	330	360	0.39	0.42	0.46	0.51	0.58	0.66	0.77	0.93	1.16
	70	355	375	0.38	0.42	0.46	0.51	0.57	0.66	0.76	0.92	1.15
	80	380	390	0.38	0.41	0.45	0.50	0.57	0.65	0.76	0.91	1.13
	90	405	405	0.37	0.41	0.45	0.50	0.56	0.64	0.75	0.90	1.12
	100	425	410	0.38	0.42	0.46	0.51	0.57	0.66	0.77	0.92	1.15
	110	445	420	0.38	0.42	0.46	0.51	0.57	0.65	0.76	0.92	1.15
	120	465	430	0.38	0.42	0.46	0.51	0.57	0.65	0.76	0.91	1.14
	130	485	435	0.39	0.42	0.47	0.52	0.58	0.67	0.78	0.93	1.16
1.56	50	350	360	0.41	0.45	0.49	0.55	0.61	0.70	0.82	0.98	1.23
	60	385	380	0.40	0.44	0.48	0.54	0.61	0.69	0.81	0.97	1.21
	70	415	395	0.40	0.44	0.48	0.54	0.60	0.69	0.81	0.97	1.21
	80	445	405	0.41	0.45	0.49	0.55	0.62	0.70	0.82	0.99	1.23
	90	475	420	0.41	0.44	0.49	0.54	0.61	0.70	0.82	0.98	1.22
	100	500	430	0.41	0.45	0.49	0.55	0.61	0.70	0.82	0.98	1.23
	110	525	440	0.41	0.45	0.49	0.55	0.62	0.70	0.82	0.99	1.23
	120	545	450	0.41	0.44	0.49	0.54	0.61	0.70	0.81	0.98	1.22
	130	565	455	0.41	0.45	0.50	0.55	0.62	0.71	0.83	0.99	1.24
1.66	50	410	380	0.43	0.47	0.52	0.57	0.64	0.74	0.86	1.03	1.29
	60	445	400	0.42	0.46	0.51	0.56	0.63	0.72	0.84	1.01	1.26
	70	480	410	0.43	0.47	0.52	0.58	0.65	0.74	0.86	1.04	1.30
	80	515	425	0.43	0.47	0.52	0.58	0.65	0.74	0.86	1.04	1.29
	90	545	440	0.43	0.46	0.51	0.57	0.64	0.73	0.85	1.02	1.28
	100	575	450	0.43	0.47	0.52	0.57	0.64	0.74	0.86	1.03	1.29
	110	605	460	0.43	0.47	0.52	0.58	0.65	0.74	0.87	1.04	1.30
	120	630	470	0.43	0.47	0.52	0.57	0.65	0.74	0.86	1.03	1.29
	130	655	475	0.44	0.48	0.53	0.59	0.66	0.75	0.88	1.05	1.32
1.74	50	470	395	0.46	0.50	0.55	0.61	0.68	0.78	0.91	1.09	1.37
	60	515	410	0.46	0.51	0.56	0.62	0.70	0.80	0.93	1.11	1.39
	70	555	425	0.47	0.51	0.56	0.62	0.70	0.80	0.93	1.12	1.40
	80	590	440	0.46	0.50	0.55	0.62	0.69	0.79	0.92	1.11	1.38
	90	625	455	0.46	0.50	0.55	0.61	0.69	0.78	0.91	1.10	1.37
	100	660	465	0.46	0.50	0.55	0.62	0.69	0.79	0.92	1.11	1.39
	110	695	475	0.47	0.51	0.56	0.62	0.70	0.80	0.93	1.12	1.40
	120	725	485	0.47	0.51	0.56	0.62	0.70	0.80	0.93	1.12	1.40
	130	755	490	0.48	0.52	0.57	0.64	0.71	0.82	0.95	1.14	1.43
1.83	50	535	405	0.49	0.54	0.59	0.66	0.74	0.85	0.99	1.19	1.48
	60	585	425	0.49	0.53	0.59	0.65	0.74	0.84	0.98	1.18	1.47
	70	630	440	0.49	0.54	0.59	0.66	0.74	0.84	0.99	1.18	1.48
	80	675	455	0.49	0.54	0.59	0.66	0.74	0.85	0.99	1.18	1.48
	90	715	470	0.49	0.53	0.59	0.65	0.73	0.84	0.98	1.17	1.47
	100	755	485	0.49	0.53	0.58	0.65	0.73	0.83	0.97	1.17	1.46
	110	790	495	0.49	0.53	0.59	0.65	0.73	0.84	0.98	1.17	1.47
	120	825	505	0.49	0.53	0.59	0.65	0.73	0.84	0.98	1.18	1.47
	130	860	510	0.50	0.55	0.60	0.67	0.75	0.86	1.00	1.20	1.50
1.93	50	640	420	0.55	0.60	0.66	0.73	0.82	0.94	1.10	1.32	1.65
	60	695	440	0.54	0.59	0.65	0.72	0.82	0.93	1.09	1.30	1.63
	70	755	460	0.54	0.59	0.65	0.72	0.81	0.93	1.08	1.30	1.62
	80	805	475	0.54	0.59	0.65	0.72	0.81	0.92	1.08	1.29	1.62
	90	855	490	0.54	0.59	0.65	0.72	0.81	0.92	1.08	1.29	1.62
	100	900	505	0.53	0.58	0.64	0.71	0.80	0.92	1.07	1.28	1.60
	110	945	520	0.53	0.58	0.63	0.71	0.79	0.91	1.06	1.27	1.59
	120	985	530	0.53	0.58	0.64	0.71	0.80	0.91	1.06	1.27	1.59
	130	1025	535	0.54	0.59	0.65	0.72	0.81	0.93	1.08	1.30	1.63

AVERAGE APPLICATION RATE DATA FOR NELSON SR200 GUN @ 27 DEGREES FOR VARIOUS RING SIZES, PRESSURES AND ARCS OF THROW BASED ON PUBLISHED PERFORMANCE DATA FROM NELSON IRRIGATION

RING SIZE	GUN PRESSURE	GPM	DIAMETER	360 ARC	330 ARC	300 ARC	270 ARC	240 ARC	210 ARC	180 ARC	150 ARC	120 ARC
1.29	50	230	325	0.33	0.36	0.40	0.44	0.49	0.57	0.66	0.79	0.99
	60	250	340	0.33	0.36	0.39	0.44	0.49	0.56	0.65	0.79	0.98
	70	270	355	0.32	0.35	0.39	0.43	0.49	0.56	0.65	0.78	0.97
	80	290	370	0.32	0.35	0.38	0.43	0.48	0.55	0.64	0.77	0.96
	90	310	380	0.32	0.35	0.39	0.43	0.49	0.56	0.65	0.78	0.97
	100	325	390	0.32	0.35	0.39	0.43	0.49	0.55	0.65	0.78	0.97
	110	340	400	0.32	0.35	0.39	0.43	0.48	0.55	0.64	0.77	0.97
	120	355	410	0.32	0.35	0.38	0.43	0.48	0.55	0.64	0.77	0.96
	130	370	415	0.33	0.35	0.39	0.43	0.49	0.56	0.65	0.78	0.98
1.46	50	300	355	0.36	0.39	0.43	0.48	0.54	0.62	0.72	0.86	1.08
	60	330	370	0.36	0.40	0.44	0.49	0.55	0.63	0.73	0.88	1.09
	70	355	385	0.36	0.40	0.44	0.48	0.54	0.62	0.73	0.87	1.09
	80	380	400	0.36	0.39	0.43	0.48	0.54	0.62	0.72	0.86	1.08
	90	405	415	0.36	0.39	0.43	0.47	0.53	0.61	0.71	0.85	1.07
	100	425	425	0.36	0.39	0.43	0.47	0.53	0.61	0.71	0.85	1.07
	110	445	435	0.36	0.39	0.43	0.47	0.53	0.61	0.71	0.85	1.07
	120	465	445	0.36	0.39	0.43	0.47	0.53	0.61	0.71	0.85	1.07
	130	485	450	0.36	0.40	0.44	0.48	0.54	0.62	0.73	0.87	1.09
1.56	50	350	370	0.39	0.42	0.46	0.52	0.58	0.66	0.77	0.93	1.16
	60	385	390	0.38	0.42	0.46	0.51	0.57	0.66	0.77	0.92	1.15
	70	415	405	0.38	0.42	0.46	0.51	0.57	0.66	0.77	0.92	1.15
	80	445	420	0.38	0.42	0.46	0.51	0.57	0.65	0.76	0.92	1.15
	90	475	435	0.38	0.41	0.46	0.51	0.57	0.65	0.76	0.91	1.14
	100	500	445	0.38	0.42	0.46	0.51	0.57	0.66	0.76	0.92	1.15
	110	525	455	0.38	0.42	0.46	0.51	0.58	0.66	0.77	0.92	1.15
	120	545	465	0.38	0.42	0.46	0.51	0.57	0.65	0.76	0.92	1.14
	130	565	470	0.39	0.42	0.46	0.52	0.58	0.66	0.77	0.93	1.16
1.66	50	410	390	0.41	0.45	0.49	0.54	0.61	0.70	0.82	0.98	1.22
	60	445	410	0.40	0.44	0.48	0.53	0.60	0.69	0.80	0.96	1.20
	70	480	425	0.40	0.44	0.48	0.54	0.60	0.69	0.80	0.97	1.21
	80	515	440	0.40	0.44	0.48	0.54	0.60	0.69	0.81	0.97	1.21
	90	545	455	0.40	0.43	0.48	0.53	0.60	0.68	0.80	0.96	1.20
	100	575	465	0.40	0.44	0.48	0.54	0.60	0.69	0.81	0.97	1.21
	110	605	475	0.41	0.44	0.49	0.54	0.61	0.70	0.81	0.97	1.22
	120	630	485	0.41	0.44	0.49	0.54	0.61	0.70	0.81	0.97	1.22
	130	655	490	0.41	0.45	0.50	0.55	0.62	0.71	0.83	0.99	1.24
1.74	50	470	405	0.43	0.47	0.52	0.58	0.65	0.74	0.87	1.04	1.30
	60	515	425	0.43	0.47	0.52	0.58	0.65	0.74	0.86	1.04	1.29
	70	555	440	0.43	0.47	0.52	0.58	0.65	0.74	0.87	1.04	1.30
	80	590	455	0.43	0.47	0.52	0.58	0.65	0.74	0.86	1.04	1.29
	90	625	470	0.43	0.47	0.51	0.57	0.64	0.73	0.86	1.03	1.28
	100	660	480	0.43	0.47	0.52	0.58	0.65	0.74	0.87	1.04	1.30
	110	695	490	0.44	0.48	0.53	0.58	0.66	0.75	0.88	1.05	1.31
	120	725	500	0.44	0.48	0.53	0.59	0.66	0.75	0.88	1.05	1.32
	130	755	505	0.45	0.49	0.54	0.60	0.67	0.77	0.90	1.08	1.34
1.83	50	535	420	0.46	0.50	0.55	0.61	0.69	0.79	0.92	1.10	1.38
	60	585	440	0.46	0.50	0.55	0.61	0.69	0.78	0.91	1.10	1.37
	70	630	455	0.46	0.50	0.55	0.61	0.69	0.79	0.92	1.11	1.38
	80	675	470	0.46	0.50	0.56	0.62	0.69	0.79	0.93	1.11	1.39
	90	715	485	0.46	0.50	0.55	0.61	0.69	0.79	0.92	1.10	1.38
	100	755	500	0.46	0.50	0.55	0.61	0.69	0.78	0.91	1.10	1.37
	110	790	510	0.46	0.50	0.55	0.61	0.69	0.79	0.92	1.10	1.38
	120	825	520	0.46	0.50	0.55	0.62	0.69	0.79	0.92	1.11	1.39
	130	860	525	0.47	0.52	0.57	0.63	0.71	0.81	0.94	1.13	1.42
1.93	50	640	435	0.51	0.56	0.61	0.68	0.77	0.88	1.02	1.23	1.54
	60	695	455	0.51	0.55	0.61	0.68	0.76	0.87	1.02	1.22	1.52
	70	755	475	0.51	0.55	0.61	0.68	0.76	0.87	1.01	1.22	1.52
	80	805	490	0.51	0.55	0.61	0.68	0.76	0.87	1.02	1.22	1.52
	90	855	505	0.51	0.55	0.61	0.68	0.76	0.87	1.02	1.22	1.52
	100	900	520	0.50	0.55	0.60	0.67	0.76	0.86	1.01	1.21	1.51
	110	945	535	0.50	0.55	0.60	0.67	0.75	0.86	1.00	1.20	1.50
	120	985	545	0.50	0.55	0.60	0.67	0.75	0.86	1.00	1.20	1.51
	130	1025	550	0.51	0.56	0.62	0.68	0.77	0.88	1.03	1.23	1.54

ENGINE SPEED SETTINGS FOR THE B1025 IRIGATOR

SPEED FPM	GEAR	PULLEY	ENGINE RPM	SPEED FPM	GEAR	PULLEY	ENGINE RPM
1.00	1	OUTER	2290	5.00	2	MIDDLE	3600
1.25	1	OUTER	2860	5.50	2	INNER	2230
1.50	1	OUTER	3430	6.00	2	INNER	2440
1.75	1	MIDDLE	2130	6.50	2	INNER	2640
2.00	1	MIDDLE	2430	7.00	2	INNER	2840
2.25	1	MIDDLE	2740	7.50	2	INNER	3050
2.50	1	MIDDLE	3040	8.00	2	INNER	3250
2.75	1	MIDDLE	3340	8.50	2	INNER	3450
3.00	2	MIDDLE	2160	9.00	2	INNER	3660
3.25	2	MIDDLE	2340	9.50	3	MIDDLE	1880
3.50	2	MIDDLE	2520	10.00	3	MIDDLE	1980
3.75	2	MIDDLE	2700	11.00	3	MIDDLE	2180
4.00	2	MIDDLE	2880	12.00	3	MIDDLE	2380
4.25	2	MIDDLE	3060	13.00	3	MIDDLE	2580
4.50	2	MIDDLE	3240	14.00	3	MIDDLE	2780
4.75	2	MIDDLE	3420	15.00	3	MIDDLE	2970

ENGINE SPEED SETTINGS FOR THE B1030 IRRIGATOR

SPEED FPM	GEAR	PULLEY	ENGINE RPM	SPEED FPM	GEAR	PULLEY	ENGINE RPM
1.00	1	OUTER	1930	5.00	2	MIDDLE	3040
1.25	1	OUTER	2410	5.50	2	MIDDLE	3340
1.50	1	OUTER	2890	6.00	2	INNER	2060
1.75	1	MIDDLE	1790	6.50	2	INNER	2230
2.00	1	MIDDLE	2050	7.00	2	INNER	2400
2.25	1	MIDDLE	2310	7.50	2	INNER	2570
2.50	1	MIDDLE	2560	8.00	2	INNER	2740
2.75	1	MIDDLE	2820	8.50	2	INNER	2910
3.00	1	MIDDLE	3080	9.00	2	INNER	3080
3.25	1	MIDDLE	3330	9.50	2	INNER	3250
3.50	2	MIDDLE	2130	10.00	2	INNER	3430
3.75	2	MIDDLE	2280	11.00	3	MIDDLE	1840
4.00	2	MIDDLE	2430	12.00	3	MIDDLE	2010
4.25	2	MIDDLE	2580	13.00	3	MIDDLE	2170
4.50	2	MIDDLE	2730	14.00	3	MIDDLE	2340
4.75	2	MIDDLE	2890	15.00	3	MIDDLE	2510

ENGINE SPEED SETTINGS FOR THE C1030 IRRIGATOR

SPEED FPM	GEAR	RANGE	ENGINE RPM	SPEED FPM	GEAR	RANGE	ENGINE RPM
1.00	1	LOW	2430	5.00	2	HIGH	2920
1.25	1	LOW	3040	5.50	2	HIGH	3210
1.50	2	LOW	2160	6.00	2	HIGH	3500
1.75	2	LOW	2520	6.50	3	HIGH	1990
2.00	2	LOW	2880	7.00	3	HIGH	2140
2.25	2	LOW	3240	7.50	3	HIGH	2290
2.50	2	LOW	3600	8.00	3	HIGH	2440
2.75	1	HIGH	2710	8.50	3	HIGH	2600
3.00	1	HIGH	2960	9.00	3	HIGH	2750
3.25	1	HIGH	3200	9.50	3	HIGH	2900
3.50	3	LOW	2640	10.00	3	HIGH	3050
3.75	3	LOW	2830	10.50	3	HIGH	3210
4.00	3	LOW	3020	11.00	3	HIGH	3360
4.25	2	HIGH	2480	11.50	3	HIGH	3510
4.50	2	HIGH	2630	12.00	3	HIGH	3660
4.75	2	HIGH	2770				

ENGINE SPEED SETTINGS FOR THE C1033 IRRIGATOR

SPEED FPM	GEAR	RANGE	ENGINE RPM	SPEED FPM	GEAR	RANGE	ENGINE RPM
1.00	1	LOW	2420	5.00	2	HIGH	2900
1.25	1	LOW	3020	5.50	2	HIGH	3190
1.50	2	LOW	2150	6.00	2	HIGH	3480
1.75	2	LOW	2500	6.50	3	HIGH	1970
2.00	2	LOW	2870	7.00	3	HIGH	2120
2.25	2	LOW	3220	7.50	3	HIGH	2280
2.50	2	LOW	3580	8.00	3	HIGH	2430
2.75	1	HIGH	2700	8.50	3	HIGH	2580
3.00	1	HIGH	2940	9.00	3	HIGH	2730
3.25	1	HIGH	3180	9.50	3	HIGH	2880
3.50	3	LOW	2630	10.00	3	HIGH	3030
3.75	3	LOW	2810	10.50	3	HIGH	3190
4.00	3	LOW	3000	11.00	3	HIGH	3340
4.25	2	HIGH	2470	11.50	3	HIGH	3490
4.50	2	HIGH	2610	12.00	3	HIGH	3640
4.75	2	HIGH	2760				

ENGINE SPEED SETTINGS FOR THE A1325 & 1375 IRRIGATORS

SPEED FPM	GEAR	RANGE	ENGINE RPM	SPEED FPM	GEAR	RANGE	ENGINE RPM
1.00	1	LOW	2290	5.00	2	HIGH	2750
1.25	1	LOW	2860	5.50	2	HIGH	3020
1.50	2	LOW	2040	6.00	2	HIGH	3300
1.75	2	LOW	2380	6.50	2	HIGH	3550
2.00	2	LOW	2710	7.00	3	HIGH	2010
2.25	2	LOW	3050	7.50	3	HIGH	2160
2.50	2	LOW	3390	8.00	3	HIGH	2300
2.75	1	HIGH	2540	8.50	3	HIGH	2440
3.00	1	HIGH	2770	9.00	3	HIGH	2590
3.25	1	HIGH	3000	9.50	3	HIGH	2730
3.50	3	LOW	2490	10.00	3	HIGH	2870
3.75	3	LOW	2670	10.50	3	HIGH	3020
4.00	3	LOW	2840	11.00	3	HIGH	3160
4.25	2	HIGH	2340	11.50	3	HIGH	3310
4.50	2	HIGH	2470	12.00	3	HIGH	3450
4.75	2	HIGH	2610	12.50	3	HIGH	3600