Alpine Row Crop Orifice Application Chart

Imperial Gallons

Oriface Size	PSI	GPM	20" Spacing				22" Spacing				30" Spacing				36" Spacing				38" Spacing				40" Spacing				
			4 MPH	5 MPH	5.5 MPH	6 MPH	4 MPH	5 MPH	5.5 MPH	6 MPH	4 MPH	5 MPH	5.5 MPH	6 MPH	4 MPH	5 MPH	5.5 MPH	6 MPH	4 MPH	5 MPH	5.5 MPH	6 MPH	4 MPH	5 MPH	5.5 MPH	6 MPH	
45907 * Green	20	0.042	2.6	2.1	1.9	1.7	2.3	1.8	1.7	1.6	1.7	1.3	1.2	1.2	1.4	1.2	1.1	0.9	1.3	1.1	1.0	0.9	1.2	1.0	0.9	0.8	45907 * Green
	25	0.046	2.8	2.2	2.1	1.9	2.6	2.1	1.9	1.7	1.9	1.5	1.4	1.2	1.6	1.2	1.1	1.1	1.5	1.2	1.1	1.0	1.4	1.2	1.1	0.9	
	30	0.051	3.2	2.6	2.4	2.1	2.9	2.3	2.1	1.9	2.1	1.7	1.5	1.4	1.7	1.4	1.3	1.2	1.7	1.3	1.2	1.1	1.6	1.2	1.1	1.1	
	40	0.060	3.7	3.0	2.7	2.5	3.4	2.7	2.5	2.2	2.5	2.0	1.8	1.7	2.1	1.7	1.5	1.4	2.0	1.6	1.5	1.3	1.8	1.5	1.4	1.2	
45919 * Yellow	20	0.051	3.2	2.5	2.3	2.1	2.8	2.3	2.1	1.9	2.1	1.7	1.5	1.4	1.7	1.4	1.3	1.2	1.7	1.3	1.2	1.1	1.6	1.2	1.1	1.1	45919 * Yellow
	25	0.059	3.7	2.9	2.7	2.4	3.3	2.7	2.4	2.2	2.4	1.9	1.8	1.6	2.0	1.6	1.5	1.3	1.9	1.5	1.4	1.2	1.8	1.4	1.3	1.2	
	30	0.066	4.1	3.2	3.0	2.7	3.7	2.9	2.7	2.4	2.7	2.2	2.0	1.8	2.2	1.8	1.7	1.5	2.2	1.7	1.5	1.4	2.0	1.6	1.5	1.3	
	40	0.075	4.7	3.7	3.4	3.1	4.2	3.4	3.1	2.8	3.1	2.5	2.3	2.1	2.6	2.1	1.9	1.7	2.4	1.9	1.8	1.7	2.3	1.8	1.7	1.6	
45920 * Purple	20	0.070	4.3	3.4	3.1	2.8	3.9	3.2	2.9	2.6	2.8	2.3	2.1	1.9	2.4	1.9	1.8	1.6	2.2	1.8	1.7	1.5	2.2	1.7	1.6	1.4	45920 * Purple
	25	0.079	4.9	3.9	3.6	3.2	4.4	3.6	3.3	3.0	3.2	2.6	2.4	2.2	2.7	2.2	2.0	1.8	2.6	2.1	1.9	1.7	2.4	1.9	1.8	1.7	
	30	0.091	5.6	4.5	4.1	3.7	5.1	4.1	3.7	3.4	3.7	3.0	2.7	2.5	3.1	2.5	2.3	2.1	2.9	2.3	2.1	2.0	2.8	2.2	2.1	1.8	
	40	0.107	6.7	5.3	4.9	4.4	6.0	4.8	4.4	4.0	4.4	3.5	3.2	2.9	3.7	2.9	2.7	2.4	3.5	2.8	2.6	2.3	3.3	2.7	2.4	2.2	
45938 * Black	20	0.099	6.2	4.9	4.5	4.1	5.6	4.5	4.1	3.7	4.1	3.2	3.0	2.7	3.4	2.7	2.5	2.2	3.2	2.6	2.4	2.2	3.1	2.4	2.2	2.1	45938 * Black
	25	0.116	7.2	5.7	5.3	4.7	6.5	5.2	4.8	4.3	4.7	3.8	3.5	3.2	4.0	3.2	2.9	2.7	3.7	3.0	2.7	2.5	3.6	2.8	2.6	2.4	
	30	0.130	8.0	6.4	5.9	5.3	7.2	5.8	5.3	4.8	5.3	4.2	3.9	3.6	4.4	3.6	3.3	3.0	4.2	3.3	3.1	2.8	4.0	3.2	2.9	2.7	
	40	0.151	9.3	7.5	6.9	6.2	8.5	6.8	6.3	5.7	6.2	5.0	4.6	4.2	5.2	4.2	3.8	3.5	4.9	3.9	3.6	3.2	4.7	3.7	3.4	3.1	
45955 * Pink	20	0.142	8.7	7.0	6.4	5.8	8.0	6.3	5.8	5.3	5.8	4.7	4.3	3.9	4.8	3.9	3.6	3.2	4.6	3.7	3.4	3.1	4.4	3.5	3.2	2.9	45955 * Pink
	25	0.188	11.7	9.3	8.5	7.7	10.6	8.5	7.8	7.1	7.7	6.2	5.7	5.2	6.5	5.2	4.7	4.3	6.2	4.9	4.5	4.1	5.8	4.7	4.3	3.9	
	30	0.220	13.6	10.9	10.0	9.1	12.4	9.9	9.1	8.3	9.1	7.2	6.6	6.1	7.6	6.1	5.6	5.1	7.2	5.7	5.3	4.7	6.8	5.4	5.0	4.5	
	40	0.258	16.0	12.7	11.7	10.7	14.5	11.6	10.6	9.7	10.7	8.5	7.8	7.1	8.8	7.1	6.5	5.9	8.4	6.7	6.2	5.6	8.0	6.4	5.9	5.3	
45980 * Brown	20	0.263	16.2	13.0	11.9	10.8	14.7	11.8	10.8	9.8	10.8	8.7	7.9	7.2	9.0	7.2	6.6	6.0	8.6	6.8	6.3	5.7	8.2	6.5	6.0	5.4	45980 * Brown
	25	0.298	18.4	14.7	13.5	12.2	16.7	13.4	12.3	11.2	12.2	9.8	9.0	8.2	10.2	8.2	7.5	6.8	9.7	7.7	7.1	6.5	9.2	7.3	6.7	6.2	
	30	0.336	20.7	16.6	15.2	13.8	18.9	15.1	13.8	12.6	13.8	11.1	10.2	9.2	11.6	9.2	8.5	7.7	10.9	8.7	8.0	7.2	10.4	8.3	7.6	6.9	
	40	0.408	25.2	20.2	18.5	16.8	22.9	18.3	16.8	15.3	16.8	13.5	12.4	11.2	14.0	11.2	10.3	9.3	13.2	10.7	9.8	8.8	12.6	10.1	9.2	8.4	
			4.0	5.0	5.5	6.0	4.0	5.0	5.5	6.0	4.0	5.0	5.5	6.0	4.0	5.0	5.5	6.0	4.0	5.0	5.5	6.0	4.0	5.0	5.5	6.0	MPH