Precipitation Rates	U.S.		Metric	
Equilateral Triangular	P.R.=	(GPM of 360) x 96.3	P.R.=	m³/hr of 360 x 1000
Spacing	(in/hr)	(Head Spacing) ² x .866	(mm/hr)	m² x .866
Square/Rectangular	P.R.=	(GPM of 360) x 96.3	P.R.=	m³/hr of 360 x 1000
Spacing	(in/hr)	Head Spacing x Row Spacing	(mm/hr)	Head Spacing x Row Spacing
Horsepower				
	H.P.=	GPM x Total Dynamic Head		
		3,960 x Pump Efficiency		
Station Run Time		(expresses as a decimal)		
Station Run Time	S.R.T.=	Total Weekly Req'd (inch/wk) x 60 (min/hr)	S.R.T.=	Total Weekly Req'd (mm/wk) x
(min/hr)				
	(min/wk)	Precipitation Rate (in/hr)	(m/wk)	Precipitation Rate (mm/hr)
Pipe Velocity				
	V=	0.408 x Flow (GPM)	V=	1273.24 x Flow (I/sec)
	(ft/sec)	(Inside Pipe Diameter in Inches) ²	(m/sec)	(Inside Pipe Diameter in Millimeters)
		Do not exceed 5' per second.		

To Convert	From	То	Multiply By
AREA	acres acres	feet² meters²	43560 4046.8
POWER	kilowatts	horsepower	1.3410
FLOW	feet³/ minutes	meters³/ second	0.0004719
	feet³/ second	meters³/ second	.02832
	gallons/ minute	meters³/ hour	.22716
	gallons/ minute	liters/ minute	3.7854
	gallons/ minutes	liters/ second	.06309
	meters³/ hour	liters/ minute	16.645
	meters³/ hour	liters/ second	.2774

To Convert	From	То	Multiply By
LENGTH	feet	inches	12
	inches	centimeters	2.540
	feet	meters	.30481
	kilometers	miles	.6214
	miles	meters	1609.34
	millimeters	inch	.03937
PRESSURE	PSI	kilopascals	6.89476
	PSI	bars	.068948
	bars	kilopascals	100
	PSI	feet of head	2.31
VELOCITY	feet/second	meters/second	.3048
VOLUME	gallons	meters ³	.003785
	gallons	liters	3.785