



G Casotti & Co (Pink Lady Apple) IRRIGATION SCHEDULE



CARING
FOR
OUR
COUNTRY

Mean Application Rate (mm/hr) 3.0
Distribution Uniformity 79%

Crop Coefficient 1 0.9
Crop Coefficient 2 0.3

Average Irrigation Requirement Per Month

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Avg Daily Eto (mm)	8.2	7.4	6.0	4.8	3.3	Dormant	Dormant	Dormant	Dormant	4.7	6.5	8.2
Required irrigation (mm/day)	7.4	6.7	5.4	4.3	3.0	Dormant	Dormant	Dormant	Dormant	1.4	5.9	7.4
Runtime per station (mins)	148	133	108	86	59	Dormant	Dormant	Dormant	Dormant	28	117	148
DU% runtime (mins)	187	169	137	109	75	Dormant	Dormant	Dormant	Dormant	36	148	187

What your runtime means in mm/hour

Run Time (mins)	5	10	15	20	25	30	35	40	45	50	55	60
Equivalent in mm/hr	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0

What to apply when local evaporation changes

mm of Evap per day	1	2	3	4	5	6	7	8	9	10	11	12	13
Irrigation required per day	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1	9	9.9	10.8	11.7
Equivalent irrigation runtime (mins)	18	36	54	72	90	108	126	144	162	180	198	216	234

Notes: Wingfield Challenger Sprinklers with Maroon (70L/hr at 150kPa) 1.3mm nozzle. 5m between sprinklers X 4.2m between laterals.
79% = new system efficiency with nelson R5 sprinklers, 4mx4m triangular spacing.