

ALTERNATIVES FOR FROST PROTECTION IN FRUIT WALL

APPLE, PEACH, PEAR, CHERRY, PLUM

Area: 15 ha

Spacing: 4 x 0.8m

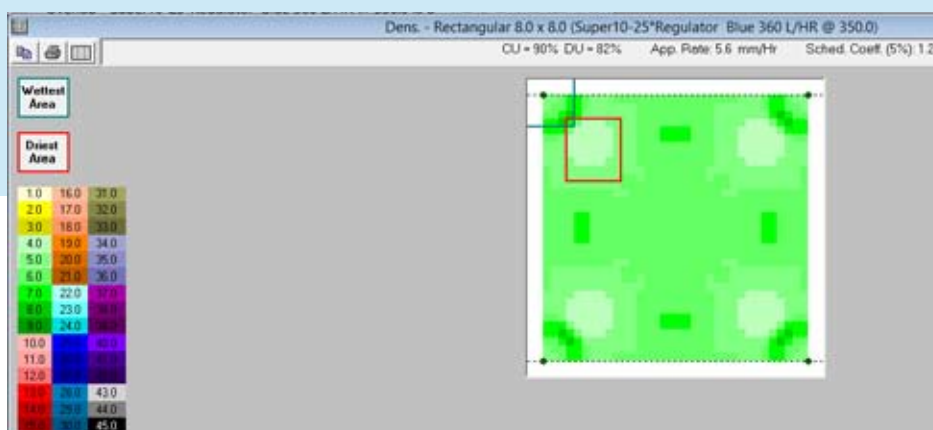
Poles = 8m

T min = -5°C

Precipitation target = 4mm/h

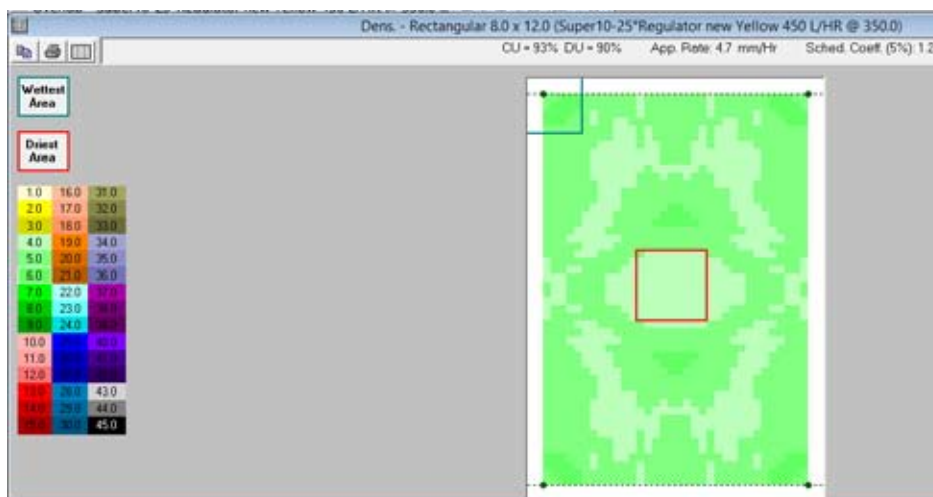
Solution 1

Super I0 Blue FR 360 l/h – 8 x 8m



Solution 2

Super I0 Yellow FR 450 l/h – 8 x 12m



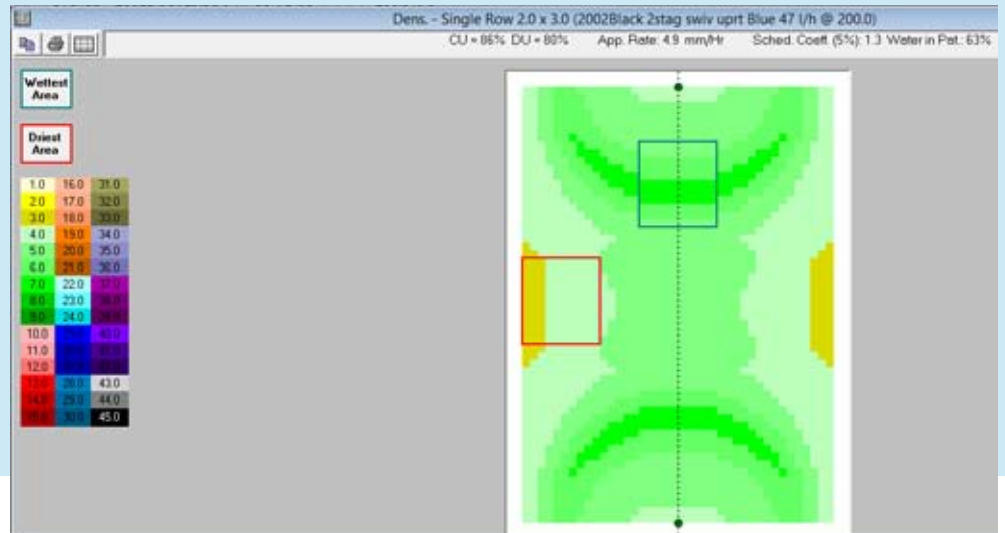
Solution 3

233B – 16 x 16m



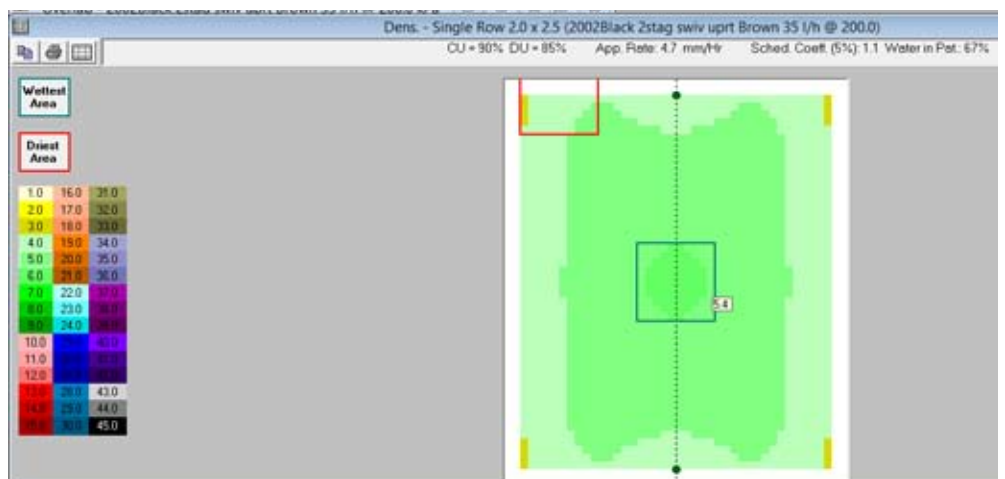
Solution 4

2002 Aqua Smart 47 l/h
– 3m on the line



Solution 5

2002 Aqua Smart 35 l/h
– 2.5m on the line



Solution	Spacing (m)	Sprinklers per hectare	Flow rate (l/h)	Water use (m ³ /ha)
Super 10 - 360 l/h	8 x 8	160	360	58
Super 10 - 450 l/h	8 x 12	104	450	47
233 B	16 x 16	40	1240	48
2002 - 47 l/h	3 m on the line	825	47	38
2002 - 35 l/h	2.5 m on the line	1000	35	35