

Summary of Previous Efficacy Studies
Protector in combination with copper against Powdery Mildew in Grape

The following results are taken directly from consecutive Hort Research reports from 1997 through to 2000. All reports have been peer reviewed and are of a high scientific standard.

1997 Powdery Mildew at harvest

	Incidence	Severity	Total Canopy
Untreated	78.0%	34.7%	27.1%
Protector + Copper	30.0%	14.1%	4.2%
Standard Treatments	43.5%	14.4%	6.3%

Protector 2% + Kocide @ 200g/100 litre 14 day intervals all season
 Standard Treatments = Kocide and Kumulus, Shirlan, Euparen DF, Rovral Flo (2)

1998 Powdery Mildew at harvest

	Incidence	Severity	Total Canopy
Untreated	100.0%	95%	94%
Protector + Copper	0%	0%	0%
Standard Treatments	17%	17%	3%

Protector 2% + Champ Flowable @ 0.3 litre/100 litre 14 day intervals all season
 Standard Treatments = Champ Flowable, Microsul (2), Euparen, Shirlan, Captan(2), Rovral

1999 Powdery Mildew at harvest (end of season study)

	Incidence	Severity	Total Canopy
Untreated	98.0%	49%	47.8%
Protector + Copper	15%	14%	2.1%
Standard Treatments	26%	17%	4.4%

Pretreatments which also included untreated
 Lime Sulphur, Champ + Microsul (3), Euparen + Microsul, Shirlan + Microsul, Captan + Microsul (3), Scala + Microsul,

Protector 2% + Champ Flowable @ 0.15litre/100 litre 14 day intervals
 Standard Treatments = Captan + Microsul, Scala, Rovral Flo (2)

2000 Powdery Mildew at harvest

This trial was a comparison study of various products and timings/water rates of Protector. Protector again when in solution with Champ Flowable @ 0.15litre/ 100 litres performed as well as a standard programme.