

TRIAL SUMMARY

WINE GRAPE



Product	KREOTEC
Country:	Murcia & Albacete, Spain 2018
Organised by:	Symborg S.L.
Crop and Variety:	Wine grape, Variety: Airen” and “Petit verdeau
Application:	A foliar application of Kreotec was carried out with a boom spray with 350 liters of broth per hectare when the plant was in the stage flowering in trial 1 and peppercorn size in trial 2.
Trial Design:	The trial was carried out in Spain, one trial in Murcia and one trial in Albacete. KREOTEC was applied at a dose of 450g / ha by foliar application without a reduction in nitrogen fertilization. The results were compared with a conventional fertilization treatment.
Objectives:	<ol style="list-style-type: none"> 1 Evaluation of KREOTEC in wine grape crops subjected to conventional fertilization. 2 Evaluation of parameters such as Spad, cfu per gram of leaf and yield of the harvest.
Results:	<ul style="list-style-type: none"> • KREOTEC maintains a level of SPAD (Chlorophyll), plant health and plant canopy density equal to the control (conventional fertilization). • The harvest obtained is within the harvest ranges of years prior to the year of the trial. • Yield, in trial 1 KRETEC had a 5% reduction in production and in trial 2 an increase of 14.8% considering that they are two different wine grape varieties.

Fertilization recommendations were conventional fertilizer without reduction in nitrogen.

Control and Kreotec	
Basal dressing NFU/ha (% total)	
Trial 1	105 Kg N /ha (100%) 700 kg (15-15-15) NPK
Trial 2	125 kg N/ha (100%) 833 kg (15-15-15) NPK

Treatments

Trial	Name of the treatment	Concentration	Units	Format	Dose	Units	
1	Kreotec	2,2 x10 ⁶	Cfu/gr	Powder	450	Gr/ha	100% fertilization
2	Kreotec	2,2 x10 ⁶	Cfu/gr	Powder	450	Gr/ha	100% fertilization

Yield

	Yield (kg/ha)		Increase % (kg/ha)
	Control	Kreotec	Kreotec
Trial 1	14029	13304	-5,16
Trial 2	13937	16010	14,8



Application time trial 2