

## Reference: Agriculture and Gardening

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Crop: Red Wine (Refosk)

Place of Cultivation: Vineyard na logu, Ankaran, Slovenia

Contact Person: Boris Fras

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**Purpose of the treatment:** To test if Terra Biosa could be used to provide an excellent wine product with a high öchsle. Furthermore it was the aim with the treatment to test if the application of copper could be reduced when Terra Biosa was applied.

**Application pattern:** The field where Terra Biosa was applied was 1,5 ha. The application pattern of Terra Biosa is shown in the table below:

Date	Terra Biosa (liters)	Water (liters)
8/6/2005	5+5	300+300
16/6/2005	5+5	300+300
24/6/2005	5+5+5	300+300+300
30/6/2005	5+5+5	300+300+300
2/7/2005	5+5	300+300
14/7/2005	5+5	300+300
24/7/2005	5+5	300+300
5/8/2005	10	300
10/8/2005	10	300
22/8/2005	10	300
12/9/2005	10	300
23/9/2005	10	300
5/10/2005	20	300
16/10/2005	20	300
<b>Total</b>	<b>170</b>	

On average, 40 liters of Terra Biosa was applied per month to the field, and **28 liters/ha/month**. Besides the application of Terra Biosa as shown above, a total of 2-4 kg S and 0,2-0,4 kg Cu/ha was applied. Normally 1,7 kg Cu/ha was applied, so when Terra Biosa was added the usage of copper was reduced by 76%.

**Results:** A total of 7 tons was harvested from the field. The harvested product was excellent and sweet with an öchsle above 90. Throughout the growth season the plants appeared healthy and strong.