

## **RECOMMENDED DOSAGE FOR WINE**

### **CHIPS**

The tube samples of chips have approximately 3 to 4 grams of product in each tube. Soaking the sample on a three day trial will give you an indication of the flavor that the product will impart in the wine. Three grams in 750 ml. is the equivalent of 33 lb. per 1000 gallons. This is actually far more oak than is necessary. You still should do the bench work to find the appropriate lbs. per 1000 gallons that suits your palate.

By using the following equivalents, you can add the appropriate lbs. per 1000 gallons in the lab. You will get a very close flavor profile of what will take place in the tank. Chips should be in contact for a minimum of 2 weeks and the sample should be agitated 2 to 3 times per week.

91 mg. = 1 lb. per 1000 gallons  
910 mg. = 10 lb. per 1000 gallons  
1,365 mg. = 15 lb. per 1000 gallons  
1,820 mg. = 20 lb. per 1000 gallons

The above are equivalent for chips and powders.

### **Staves and segments**

If you use a 1" 5/16" X 2" sample of stave wood, you would be adding 1.5 sq. ft. per 10 gallons in a tank of staves or segments. A 1/2" X 8" sample for 3 days will give you an indication of the flavor. Using the smaller sample for 3 weeks is closer to the flavor you will get in a tank. .436 sq. inches in a 750 ml sample = 2 sq. ft. per 10 gallons.

The OCI American oak stave has 1.86 sq. ft. of surface area per stave.  
The OCI French oak stave has 1.92 sq. ft. of surface area.  
Segments = 2 sq. ft. per lb.

## CUBES

91 mg. per 750 ml. sample = 1 lb. per 1000 gallons

910 mg. per 750 ml. sample = 10 lb. per 1000 gallons

1,365 mg. per 750 ml. sample = 15 lb. per 1000 gallons

1,820 mg. Per 750 ml. sample = 20 lb. per 1000 gallons

2,275 mg. Per 750 ml. sample = 25 lb. per 1000 gallons

By doing lab testing, you will have a more exact idea of how the wine will taste and you will be able to establish value by comparing results with competitive products. Lab samples should be in contact with the wine for 2 weeks. Samples should be agitated 6 – 12 times during the 2 weeks.

8.5 to 10 lb. per 1000 gallons is adequate for most winemakers.

8 to 10 OZ. in a 225 liter barrel is used by most winemakers

## GENERAL INFORMATION

If you use 1 gram per 750 ml sample, it will = just over 10 lb. per 1000 gallons

A 2 gram sample will = just over 20 lb. per 1000 gallons