



## AVANTE (ADT-36)

A reliable and  
fruity yeast for red  
winemaking

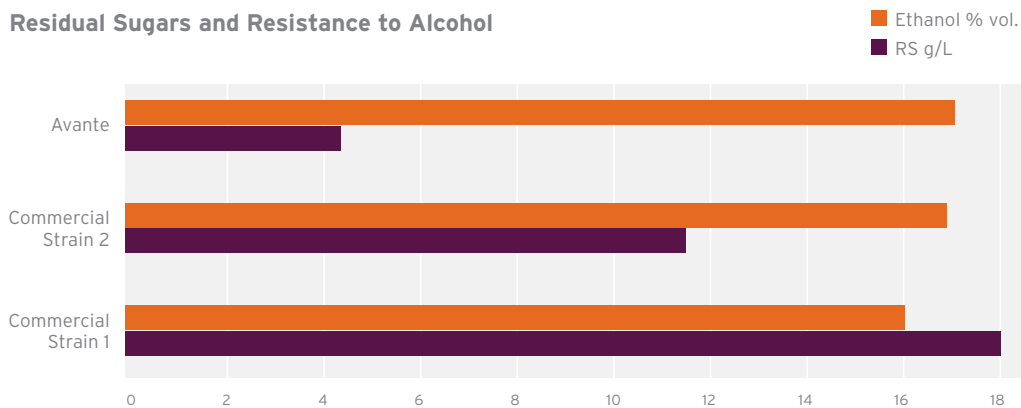
Avante is a versatile strain that produces a red fruit overtone with good color stability and flavor across all red varietals. Avante tolerates up to 17% alcohol and will generally consume around 30% of malic acid present during the alcoholic fermentation. Avante maintains desired varietal characteristics while producing aromas and flavours of fresh fruit as raspberry, strawberry, and red plum.

Avante is ideally suited for wines that have higher alcohol levels, such as full bodied Shiraz or Zinfandel. Given its red fruit notes, the strain also has outstanding aromatic compatibility for moderate climate Cabernet Sauvignon and Sangiovese.

### Recommended Varietals:

- Shiraz
- Zinfandel
- Cabernet Sauvignon
- Sangiovese

### Residual Sugars and Resistance to Alcohol



## TECHNICAL CHARACTERISTICS

<b>Kinetics</b>	Moderate to Fast
<b>Optimal Temperature</b>	18 °C to 35 °C
<b>Cold Tolerance*</b>	15 °C
<b>Alcohol Tolerance</b>	17%
<b>Nitrogen Requirements</b>	Low - Moderate
<b>Killer Factor</b>	Neutral
<b>Flocculation</b>	High

<b>Dosage</b>	0.2-0.35 g/L
<b>Conversion Factor**</b>	16.4 g/L
<b>Glycerol</b>	7.0-9.0 g/L
<b>Volatile Acidity</b>	Moderate
<b>SO<sub>2</sub> Production</b>	Low
<b>H<sub>2</sub>S Production</b>	None
<b>Foam Production</b>	Low

### YAN Levels:

Low	150-225
Moderate	225-300
High	300+

\* Once active fermentation has been established.

\*\* Grams of sugar required to produce 1% alcohol (v/v). Varies depending on the sugar and nutrients composition of the must and environmental conditions.



## REHYDRATION PROTOCOL

Correct yeast rehydration is crucial to obtain a healthy fermentation.

**Please follow the Rehydration Instructions to avoid stuck or sluggish fermentations.**

### Inoculation Rate:

0.2-0.35 g/L (1.7-2.9 lbs/1000 gallons)

### Rehydration Instructions:

1. In an inert and sterile container, prepare chlorine-free water at 38-42 °C (100-108 °F) that is 10 times the weight of the yeast to be rehydrated.
2. Gently mix the yeast into the water and allow 20 minutes for rehydration.
3. After rehydration, begin to slowly add full strength juice into the yeast mixture every 5 minutes to allow for acclimation. Do not decrease the temperature of the mixture by more than 5 °C (9 °F) with each juice addition.
4. When the temperature of the yeast suspension is less than 10 °C (18 °F) warmer than the must or juice to be inoculated, slowly add the yeast mixture into the fermentation vessel.

*Note:* Directly adding dry yeast to the must or juice tank is not advised.



Enlighted Science. Empowered Artistry.

Distributed in the US and Canada by:



West Coast:  
81 M Street  
Fresno, CA 93721  
USA  
+1 559 485 2692

East Coast:  
1165 Globe Ave  
Mountainside, NJ 07092  
USA  
+1 908 301 1811

[www.gusmerenterprises.com](http://www.gusmerenterprises.com)  
[sales@gusmerenterprises.com](mailto:sales@gusmerenterprises.com)

**Drop us a line.**

[info@renaissanceyeast.com](mailto:info@renaissanceyeast.com)

**Renaissance Yeast Inc.**

410-2389 Health Sciences Mall  
Vancouver, BC V6T 1Z3  
Canada

+1 604 822 6499



**RENAISSANCE**  
WINE YEAST

[renaissanceyeast.com](http://renaissanceyeast.com)