

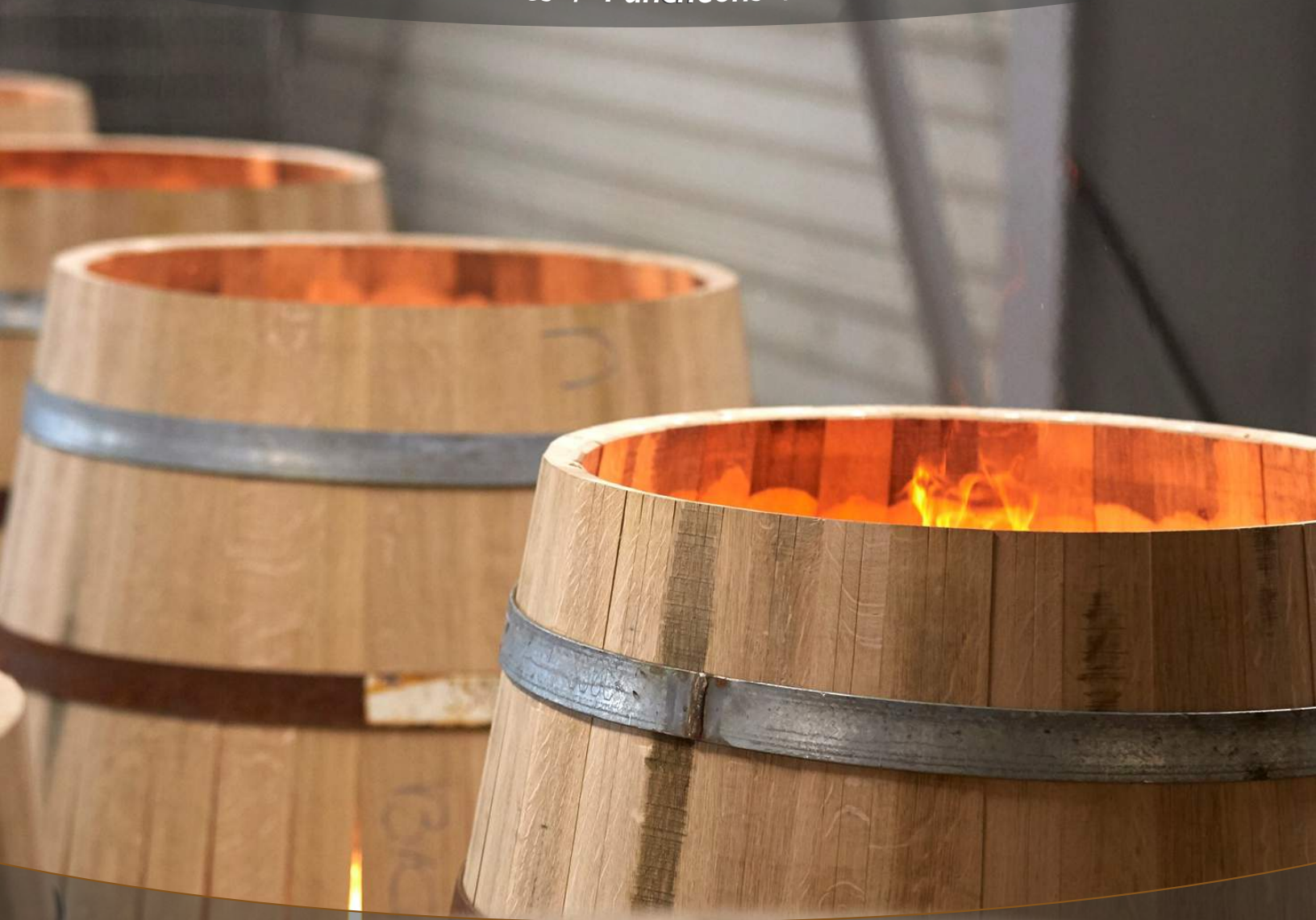


BOUCHARD COOPERAGES

## OAK PRICING & PORTFOLIO

2023 WEST COAST USA

*Barrels / Barrel Alternatives / Puncheons / Casks / Ovals / Tannins*



*French Oak / Hungarian Oak / Austrian Oak / American Oak  
Eastern European Oak / French Acacia / Austrian Acacia*

*A commitment to quality and customer service since 1979*

**DAMY**  
MEURSULT - FRANCE

TONNELLERIE  
*Billon*  
BEAUNE - FRANCE

**maury&fils**  
TONNELLERS À BORDEAUX DEPUIS 1893

  
CANADELL

  
Master  
Coopers

**CHÈNE-oelogie**  
FRENCH OAK TANNIN

  
SCHNECKENLEITNER  
AUSTRIA

**EUROPEAN  
HUNGARY  
COOPERS**

[www.bouchardcooperages.com](http://www.bouchardcooperages.com) • (707) 257-3582 • [sales@bouchardcooperages.com](mailto:sales@bouchardcooperages.com)



bouchardcooperages



Bouchard Cooperages



Vincent DAMY, Billon manager and 2007 meilleur ouvrier de France.

This unique label ensures a high quality barrel's traceability, drying, technical features and respect for tradition.

Tonnellerie Billon is part of the PEFC (Programme for the Endorsement of Forest Certification) which is the world's largest forest certification system that promotes sustainable forest management.

#### STYLISTICALLY



*Billon barrels are most well known for respecting the wine and being true to the varietal by showcasing the fruit on the nose and palate as well as offering tremendous length and enhanced minerality.*



Billon Subtil process.

#### STRONG POINTS

- Forest origin and special barrels
  - Special barrels: Select and Richelieu
- Partnered with stave mill in the Jura region of France:
  - Merrains du Jura
- Independently owned and part of Les Tonnelleries de Bourgogne
- Fire bent or steam bent and fire toasted barrels
- Offers French acacia barrels
- Offers French oak barrels, puncheons and casks (225L - 820L)



Merrains Jura



Billon chauffe 180 min light long toast.



CHAUFFE  
180 min light long toast



Optional pre-toasting  
technique



100% Burgundian Oak



## 2023 BILLON USA PRICES

PLACE YOUR ORDER BY MARCH 15 FOR BEST PRICING

ALL BARRELS FROM BOUCHARD COOPERAGES  
CAN BE COMBINED FOR VOLUME PRICE DISCOUNTS

Product		Qty	FRENCH OAK MARCH 15	FRENCH OAK APRIL 15	FRENCH OAK LATER ORDER	FRENCH ACACIA	<div>Richelieu</div> <div>A unique blend of oak from small micro climates within three of the finest forests in France. One forest contributes a noted minerality, another imparts structure, texture and spice, while the third brings softness, freshness and elegance.</div> <div>Its proprietary toasting was developed specifically for bolder red varietals and blends.</div> <div>Minimum of 3 year air-dried staves, and 4 year air-dried heads.</div> <div>Available from in all toast levels, from 225L &amp; 228L to 500L</div>			
Bordeaux Export (225L)	1-15	946 €	1,009 €	1,074 €	924 €		225/228L	300L	500L	
	16-30	937 €	1,000 €	1,065 €	915 €		+81 €	+91 €	+133 €	
	Burgundy Export (228L)	31-50	927 €	990 €	1,055 €	906 €				
	25/27 mm staves, 6/8 galvanized hoops	51-75	922 €	985 €	1,050 €	901 €				
	76-1C	913 €	976 €	1,041 €	892 €					
265L Export	1-15	993 €	1,056 €	1,121 €	965 €					
Burgundy sized heads and Bordeaux length staves, 25/27 mm staves, 6/8 galvanized hoops	16-50	983 €	1,046 €	1,111 €	955 €		225/228L	300L	500L	
	51-75	973 €	1,036 €	1,101 €	945 €		+93 €	+109 €	+155 €	
	76-1C	968 €	1,031 €	1,096 €	941 €					
300L Puncheon	1-3	1,104 €	1,167 €	1,232 €	1,090 €					
25/27 mm staves, 8 galvanized hoops	4-35	1,093 €	1,156 €	1,221 €	1,079 €					
	36-53	1,082 €	1,145 €	1,210 €	1,068 €					
350L Puncheon	1-3	1,248 €	1,311 €	1,376 €	1,215 €		225/228L	300/500L		
27/29 mm staves, 8 galvanized hoops	4-35	1,235 €	1,298 €	1,363 €	1,203 €		+15 €	+30 €		
	36-53	1,223 €	1,286 €	1,351 €	1,191 €					
400L Puncheon	1-2	1,421 €	1,484 €	1,549 €	1,405 €					
27/29 mm staves, 8 galvanized hoops	3-20	1,407 €	1,470 €	1,535 €	1,391 €		225/228L	300L	500L	
	21-30	1,393 €	1,456 €	1,521 €	1,377 €		+150 €	+150 €	+150 €	
500L Puncheon	1-2	1,638 €	1,701 €	1,766 €	1,595 €					
30/32 mm staves, 8 galvanized hoops	3-20	1,621 €	1,684 €	1,749 €	1,579 €					
	21-30	1,605 €	1,668 €	1,733 €	1,563 €					
FRENCH OAK CASKS							<div>Subtil</div> <div>A proprietary pre-toasting technique unique to Tonnellerie Billon that aims to remove the harsher tannins and organoleptic material from the wood in order to have faster integration and a more subtle impact of the oak and toast. This technique maintains Billon's signature long finish and lift on the palate.</div> <div>Available in all toast levels, from 225L &amp; 228L to 600L</div>			
Product			MARCH 15	APRIL 15	LATER ORDER		<div>180</div> <div>Châuffe 180</div> <div>A 180 minute light long toast on only small embers available on all forests and sizes. This "chauffe à cœur" style toast penetrates the entirety of the stave and resembles a very minimally toasted barrel despite being toasted on small embers for 3 hours. Aimed to offer clarity and purity to the fruit and terroir components of your wine.</div> <div>Proprietary toast, available from 225L &amp; 228L to 820L</div>			
600L	32 mm staves, 8 galvanized hoops	1,828 €	1,891 €	1,956 €		<div>Côte d'Or</div> <div>Only three year air dry oak from Burgundy's Côte D'or department is used to craft this barrel. Therefore 100% Côte D'Or Burgundian oak coupled with the *Subtil steam bending process and different choice of toasts caters to an elegant respectful Burgundian barrel for pinot noir and chardonnay.</div>	228L	+60 €		
	45 mm staves, 8 galvanized hoops	2,274 €	2,337 €	2,402 €						
700L	32 mm staves, 8 galvanized hoops	2,002 €	2,065 €	2,130 €						
820L	32 mm staves, 8 galvanized hoopxa	2,307 €	2,370 €	2,435 €						
BARREL OPTIONS							FOREST ORIGIN			TOAST LEVELS
Name		200-265L	300-500L	600-820L			Allier	Light		
Head Toasting (All forests)		+10 €	+14 €	+21 €			Vosges	Light Long		
3 Year Air Dry (All forests)		+33 €	+40 €	+52 €			Nevers	Châuffe 180 min		
4 Year Air Dry (Allier, Jura, Vosges)		+47 €	-	-			Jura	Medium		
5 Year Air Dry (Very limited availability)		+57 €	-	-			Chatillon	Medium Long		
Burgundy Batard (4 chestnut hoops)		+22 €	-	-			Eastern European	Medium Plus		
Burgundy Château (8 chestnut hoops)		+44 €	-	-			*Offered at -90€	Heavy		
Black Hoops		+22 €	+57 €	-						

Exclusive forest origins such as Tronçais, Bertranges, Jupilles and Citeaux are available for an additional charge.

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TONNELLERIE  
*Billon*  
BEAUNE - FRANCE

March 15 and April 15 prices require delivery acceptance as early as June 1 and July 1 respectively.  
All prices above are listed in Euros (€) and include delivery to either of our distribution warehouses.  
Free winery delivery and price discounts are available for full container purchases. Please inquire.

www.bouchardcooperages.com  
sales@bouchardcooperages.com • (707)257-3582



Jérôme Damy, Damy manager and 2007 meilleur ouvrier de France.

Tonnellerie Damy is part of the PEFC (Programme for the Endorsement of Forest Certification) which is the world's largest forest certification system that promotes sustainable forest management.

Tonnellerie Damy is one of the most renowned Burgundian Cooperages. The barrels are synonymous with the world's greatest Chardonnays and Pinots and are featured in many Côtes de Beaune and Nuits domaines. The distinctive and delectable house style is the reason you will find Damy barrels in many wineries around the world.

### STYLISTICALLY

*Damy barrels have traditionally offered a stunning ability to soften tannins and provide a creamy, rounded mid-palate, while its lighter more respectful toasting enhances vineyard terroir. Both styles of toasting support and enhance fruit sweetness to complement both white and red wines, and both are available in a variety of forest origins.*



Damy Imperial barrel.

### HISTORY

Tonnellerie Damy is a third generation cooperage located in Meursault, Burgundy that was founded in 1946 by M. Roger Damy and produces premium traditional forest origin barrels, puncheons and casks (225L - 860L) sourced from different French forests.

### TODAY

Tonnellerie Damy is now managed by Jérôme Damy who, like his father Jacques Damy in 1976, was awarded the Meilleur Ouvrier de France award in 2007. Tonnellerie Damy along with sister company Tonnellerie Billon form Les Tonnelleries de Bourgogne or translated "The Cooperages of Burgundy", one of the few suppliers still able to offer oak selection by forest origin.

Since 1997 barrels produced at Damy are CTB certified (fûts de traditions Française traditional French barrels) which is a unique label, ensuring a high quality barrel's traceability, drying, technical features and respect for tradition.



Noisette color of the inside of a DAMY barrel after the 2 hour super light long "Imperial" toast.

### STRONG POINTS

- Forest origin and special barrels
  - Special barrels: Rouge, R2, Estrella, Exclusive and Imperial
- Partnered with stave mill in the Jura region of France:
  - Merrains du Jura
- Independently owned and part of Les Tonnelleries de Bourgogne
- Fire bent and fire toasted barrels
- Offers French oak barrels, puncheons and casks (225L - 860L)



Merrains du Jura



**IMPERIAL**

Three forest blend, seasoned 36 months, with two hour light long proprietary toast

*Délicat*

Optional barrel finishing technique


- Light Long Plus Plus Toast

## 2023 DAMY USA PRICES

PLACE YOUR ORDER BY MARCH 15 FOR BEST PRICING


ALL BARRELS FROM BOUCHARD COOPERAGES  
CAN BE COMBINED FOR VOLUME PRICE DISCOUNTS

Product		Qty	FRENCH OAK MARCH 15	FRENCH OAK APRIL 15	FRENCH OAK LATER ORDER
Bordeaux Export (225L)	1-15	946 €	1,009 €	1,074 €	
	16-30	937 €	1,000 €	1,065 €	
	Burgundy Export (228L)	31-50	927 €	990 €	1,055 €
		51-75	922 €	985 €	1,050 €
25/27 mm staves, 6/8 galvanized hoops	76-1C	913 €	976 €	1,041 €	
265L Export	1-15	993 €	1,056 €	1,121 €	
	16-50	983 €	1,046 €	1,111 €	
	Burgundy sized heads and Bordeaux length staves, 25/27 mm staves, 6/8 galvanized hoops	51-75	973 €	1,036 €	1,101 €
		76-1C	968 €	1,031 €	1,096 €
300L Puncheon	1-3	1,104 €	1,167 €	1,232 €	
	4-35	1,093 €	1,156 €	1,221 €	
	25/27 mm staves, 8 galvanized hoops	36-53	1,082 €	1,145 €	1,210 €
350L Puncheon	1-3	1,248 €	1,311 €	1,376 €	
	4-35	1,235 €	1,298 €	1,363 €	
	27/29 mm staves, 8 galvanized hoops	36-53	1,223 €	1,286 €	1,351 €
400L Puncheon	1-2	1,421 €	1,484 €	1,549 €	
	3-20	1,407 €	1,470 €	1,535 €	
	27/29 mm staves, 8 galvanized hoops	21-30	1,393 €	1,456 €	1,521 €
500L Puncheon	1-2	1,638 €	1,701 €	1,766 €	
	3-20	1,621 €	1,684 €	1,749 €	
	30/32 mm staves, 8 galvanized hoops	21-30	1,605 €	1,668 €	1,733 €
FRENCH OAK CASKS					
Product		MARCH 15	APRIL 15	LATER ORDER	
600L	32 mm staves, 8 galvanized hoops	1,828 €	1,891 €	1,956 €	
	45 mm staves, 8 galvanized hoops	2,274 €	2,337 €	2,402 €	
700L	32 mm staves, 8 galvanized hoops	2,002 €	2,065 €	2,130 €	
	45 mm staves, 8 galvanized hoops	2,448 €	2,511 €	2,576 €	
860L	32 mm staves, 8 galvanized hoops	2,398 €	2,461 €	2,526 €	
	45 mm staves, 8 galvanized hoops	2,844 €	2,907 €	2,972 €	
BARREL OPTIONS					
Name		200-265L	300-500L	600-820L	
Head Toasting (All forests)		+10 €	+14 €	+21 €	
3 Year Air Dry (All forests)		+33 €	+40 €	+52 €	
4 Year Air Dry (Allier, Jura, Vosges)		+47 €	-	-	
5 Year Air Dry (Very limited availability)		+57 €	-	-	
Burgundy Batard (4 chestnut hoops)		+22 €	-	-	
Burgundy Château (8 chestnut hoops)		+44 €	-	-	
Black Hoops		+22 €	+57 €	-	
FOREST ORIGIN		Exclusive forest origins such as Tronçais, Bertranges, Jupilles and Citeaux are available for an additional charge.			
■ Allier		■ Jura			
■ Vosges		■ Chatillon			
■ Nevers		■ Eastern European			
		*Offered at -90€			



Limited quantities. Created especially for powerful, grand-cru style wines. Extra tight grain from a melange of the finest French forests. Optimal seasoning and proprietary toast. Brings a restrained, fruit-forward elegance.


(Available from 225L & 228L - 500L)



225/228L	300L	500L
+93 €	+109 €	+155 €

A hand-selected blend of extra tight grain French oak all sourced from one long term respected supplier. Damy Rouge 36 months seasoning, R2 24 months. Proprietary Toast. An intense finishing toast is used to help develop structure in bolder red wines. R2 has an even longer toasting, intended for stronger varietals.

(Available from 225L & 228L - 500L)



225/228L	300L	500L
+33 €	+40 €	+40 €

Specifically developed to honor the character of Rhône varietals (red and white). Extra tight grain French oak from a premier French forest and single supplier. 36 months seasoning. Proprietary Toast. Reveals fruity notes and sweetness on the nose; silky smooth tannins on the palate with volume and freshness.

(Available from 225L & 228L - 500L)



225/228L	300L	500L
+15 €	+18 €	+18 €

A proprietary barrel finishing technique unique to Tonnellerie DAMY that aims to soften the initial presence of the oak and elevate the integration and harmony between the fruit, oak and toast. This technique maintains DAMY's signature mid-palate volume and roundness.

(Available from 225L & 228L - 500L)



225/228L	300L	500L
+150 €	N/A	+150 €

A blend of premium oak from the Vosges, Allier and Jura regions of France with a proprietary 2 hour light long toast only on small embers that gives a very light noisette colored toast to the barrel. Aimed to offer very nuanced oak characteristics and lift the terroir and fruit components of your wine.

(Available in 225L, 228L, 500L & 600L)

TOAST LEVELS

■ Light

■ Light Long

■ Light Long Plus Plus

■ Medium

■ Medium Long

■ Medium Plus

■ Heavy

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DAMY



225/228L	300L	500L
+93 €	+109 €	+155 €

Limited quantities. Created especially for powerful, grand-cru style wines. Extra tight grain from a melange of the finest French forests. Optimal seasoning and proprietary toast. Brings a restrained, fruit-forward elegance.

(Available from 225L & 228L - 500L)



225/228L	300L	500L
+62 €	+72 €	+103 €

A hand-selected blend of extra tight grain French oak all sourced from one long term respected supplier. Damy Rouge 36 months seasoning, R2 24 months. Proprietary Toast. An intense finishing toast is used to help develop structure in bolder red wines. R2 has an even longer toasting, intended for stronger varietals.

(Available from 225L & 228L - 500L)



225/228L	300L	500L
+33 €	+40 €	+40 €

Specifically developed to honor the character of Rhône varietals (red and white). Extra tight grain French oak from a premier French forest and single supplier. 36 months seasoning. Proprietary Toast. Reveals fruity notes and sweetness on the nose; silky smooth tannins on the palate with volume and freshness.

(Available from 225L & 228L - 500L)



225/228L	300L	500L
+15 €	+18 €	+18 €

A proprietary barrel finishing technique unique to Tonnellerie DAMY that aims to soften the initial presence of the oak and elevate the integration and harmony between the fruit, oak and toast. This technique maintains DAMY's signature mid-palate volume and roundness.

(Available from 225L & 228L - 500L)



225/228L	300L	500L
+150 €	N/A	+150 €

A blend of premium oak from the Vosges, Allier and Jura regions of France with a proprietary 2 hour light long toast only on small embers that gives a very light noisette colored toast to the barrel. Aimed to offer very nuanced oak characteristics and lift the terroir and fruit components of your wine.

(Available in 225L, 228L, 500L & 600L)

### TOAST LEVELS

- Light
- Light Long
- Light Long Plus Plus
- Medium
- Medium Long
- Medium Plus
- Heavy





Mathieu Maury and barrels toasting at the cooperage in Bordeaux.

Mathieu's proximity to Bordeaux has allowed the brand to position itself as a preferred partner rather than a mere provider to Bordeaux's greatest Châteaux.

Tonnellerie Maury is part of the PEFC (Programme for the Endorsement of Forest Certification) which is the world's largest forest certification system that promotes sustainable forest management.

#### STYLISTICALLY

*Maury barrels focus on fruit purity, expression, aromatics and structure. The barrels allow the fruit to remain in focus while providing lift and fullness. They are delicate enough for a lighter vintage but have enough personality and impact to excel in warmer vintages and richer wine styles.*



Row of Maury medium toast Bordeaux Château barrels at Château Léoville-Barton in St. Julien.

#### HISTORY

Tonnellerie Maury & Fils is a traditional fourth generation cooperage that originated along the "quai des chartrons quartier" of Bordeaux in 1893. It is in this area of the city along the Garonne river that wine barrels were loaded onto ships and exported to Britain and soon after, around the world.

Tonnellerie Maury specializes in the 225L Bordeaux barrel but also makes sizes up to 500L puncheons based on different oak grain tightnesses originating from different French oak forests from the center of France.

#### TODAY

Tonnellerie Maury is now managed by Mathieu Maury who is a fourth generation cooper. Mathieu has a very strong reputation and image in the local Bordeaux market where 90% of his barrels are sold to Grand Cru Classé Châteaux in the region.



Finished 225L Bordeaux Château barrel.

#### STRONG POINTS

- Reputation is built on 225L Bordeaux style barrels
- Barrels are categorized on grain tightness and all of the oak comes from the center of France
- Offers barrels made with Limousin open grain oak
- Special Toast,  $mc^2$

$$\sqrt{\text{barrel icon}} = mc^2$$

- Fire bent and fire toasted barrels
- Offers French oak barrels and puncheons (225L - 500L)




## 2023 MAURY USA PRICES

PLACE YOUR ORDER BY MARCH 15 FOR BEST PRICING

ALL BARRELS FROM BOUCHARD COOPERAGES  
CAN BE COMBINED FOR VOLUME PRICE DISCOUNTS

Product	Qty	FRENCH OAK MARCH 15	FRENCH OAK APRIL 15	FRENCH OAK LATE ORDER
<b>Bordeaux Export (225L)</b> 25/27 mm staves, 8 galvanized hoops	1-11	1,080 €	1,100 €	TBD
	12-49	1,068 €	1,088 €	
	50-149	1,055 €	1,075 €	
	150+	1,044 €	1,064 €	
<b>Bordeaux Export Thin Stave (225L)</b> 20/22 mm staves, 8 galvanized hoops	1-11	1,093 €	1,113 €	TBD
	12-49	1,082 €	1,102 €	
	50-149	1,070 €	1,090 €	
	150+	1,057 €	1,077 €	
<b>Bordeaux Château Ferré (225L)</b> Barre crossing heads, no chestnut hoops, 22mm staves, 8 galvanized hoops	1-11	1,132 €	1,152 €	TBD
	12-49	1,121 €	1,141 €	
	50-149	1,110 €	1,130 €	
	150+	1,096 €	1,116 €	
<b>Bordeaux Château (225L)</b> Barre crossing heads, chestnut hoops, 22mm staves, 8 galvanized hoops	1-11	1,173 €	1,193 €	TBD
	12-49	1,160 €	1,180 €	
	50-149	1,149 €	1,169 €	
	150+	1,137 €	1,157 €	
<b>265L Export</b> Burgundy sized heads and Bordeaux length staves 25/27mm staves, 8 galvanized hoops	1-11	1,159 €	1,179 €	TBD
	12-69	1,136 €	1,156 €	
	70+	1,124 €	1,144 €	
<b>300L Hogshead</b> 25/27mm staves, 8 galvanized hoops	1-11	1,193 €	1,213 €	TBD
	12-53	1,180 €	1,200 €	
	54+	1,169 €	1,189 €	
<b>350L Hogshead</b> 25/27mm staves, 8 galvanized hoops	1-11	1,271 €	1,213 €	TBD
	12-53	1,260 €	1,200 €	
	54+	1,247 €	1,189 €	
<b>400L Puncheon</b> 25/27mm staves, 8 galvanized hoops	1-5	1,419 €	1,439 €	TBD
	6+	1,400 €	1,420 €	
<b>500L Puncheon</b> 25/27mm staves, 8 galvanized hoops	1-5	1,679 €	1,699 €	TBD
	6+	1,653 €	1,673 €	

BARREL OPTIONS	MC <sup>2</sup>	MAURY 130	TOAST LEVELS
<b>Name</b> <div> <div>3 Year Air Dry</div> <div>+40 €</div> </div> <div> <div>Extra Tight Grain</div> <div>+45 €</div> </div> <div> <div>Head Toasting</div> <div>No Charge</div> </div> <div> <div>Black Hoops</div> <div>+30 €</div> </div> <div> <div>600L Demi-Muid available upon request</div> </div> <div> <div>Limousin or open grain French oak for spirits and wine available upon request</div> </div>	<div>  <p>A unique extended light long double toasting technique that caters to an elegant and fresh expression of the varietal and promotes the vineyard's typicities and complexities.</p> <p>(Available on all barrel sizes)</p> <p>+40 €</p> </div>	<div> <p>In homage to 130 years of Tonnellerie MAURY, the MAURY 130 are hand-scraped Bordeaux Export barrels made of a premium and optimally seasoned French oak blend with the MC2 toast. Only 130 barrels are available per year.</p> <p>+1,300 €</p> </div>	<div> <div>Medium</div> <div>Medium Long</div> <div>Medium Plus</div> </div>

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Master Cooper Kristof selecting oak trees in the Tokay forest for stave production.

European Coopers Hungary produces premium Hungarian oak barrels that are everything you would expect from a quality-driven artisan cooper.

Kristof and his team control the entire process in house, from sourcing and selecting 100% Hungarian logs from Hungary's best forests in the Zemplen and Mecsek hills, to seasoning the staves, and producing and finishing the barrels.

### STYLISTICALLY

*European Coopers Hungary barrels are either coopered exclusively with oak from the forests of Tokay, Mecsek or a blend of both forests. Tokay offers elegance and a fine tannin profile while Mecsek offers phenolic richness and palate weight.*



Rows of Antinori European Coopers Hungary barrels being used to age their Tignanello Super Tuscan.

### HISTORY

European Coopers Hungary is a premium Hungarian cooperage that produces Hungarian oak barrels (225L - 500L). The cooperage is located two hours south of Budapest and is proud of remaining independent since its establishment in 1997. With over forty years of experience, Master Cooper Kristof Flodung has been at the heart of European Coopers Hungary since day one in 1997.

### TODAY

European Coopers Hungary was co-founded by three respected Italian winemaking families that were searching for premium Hungarian oak for their wines. Vincent Bouchard is involved as a consultant on toasting and barrel technicalities.

After opening its markets and becoming part of the EU in 2004, there has been a resurgence in demand for Hungarian oak on the international wine scene.



Convection toasting being used for the "Radiant White and Red" toasts.

### STRONG POINTS

- Hungarian oak barrels and a special barrel
  - Special barrel: Kristof
  - Special Toast: Radiant White and Radiant Red
- The sourcing, cutting, splitting and ageing of the wood and coopering of the barrel is all done internally
- Independently owned cooperage
- Only 3-Year air dried oak
- Fire bent and fire and convection toasted barrels
- European Coopers Hungary purchases logs from parts of the Mecsek and Tokay forests that have the FSC certificate and the Natura 2000 certificate which both promote sustainable forest management
- Offers Hungarian oak barrels and puncheons (225L - 500L)





## 2023 EUROPEAN COOPERS USA PRICES

ALL BARRELS FROM BOUCHARD COOPERAGES  
CAN BE COMBINED FOR VOLUME PRICE DISCOUNTS

Product	Qty	HUNGARIAN OAK 36 MONTHS AIR DRY			
Bordeaux Export (225L)	1-10		687 €	Bordeaux Château (225L) +60 € 4 chestnut hoops, barre crossing heads, 20/22 mm staves, 6/8 galvanized hoops	
Burgundy Export (228L)	11-30		676 €		
	31-67		669 €		
25/27 mm staves, 6/8 galvanized hoops	68-1C		659 €		
	1-10		660 €	Bordeaux Château Ferré (225L) +30 € Barre crossing heads, no chestnut hoops 20/22 mm staves, 6/8 galvanized hoops	
Bordeaux Export Thin Stave (225L)	11-30		646 €		
20/22 mm staves, 6/8 galvanized hoops	31-67		640 €		
	68-1C		630 €		
265L Export	1-10		749 €	 Kristof +50 €	
Burgundy sized heads and Bordeaux	11-30		737 €		
length staves, 25/27 mm staves, 6/8	31-50		730 €		
galvanized hoops	51-1C		712 €		
	1-10		789 €	Named for Master Cooper Kristof Flodung, the Kristof barrel is a blend of extra tight grain from the finest selections of Tokay. The staves are aged for a minimum of 3 years and the heads 4-5 years. All toasting options are finished with a proprietary process developed for deeper penetration, subtlety and elegance.  (Available from 225L & 228L - 500L)	
300L Hogshead	11-30		781 €		
25/27 mm staves, 6/8 galvanized hoops	31-50		774 €		
	51-1C		761 €		
	1-10		852 €		
350L Puncheon	11-30		843 €		
27 mm staves, 8 galvanized hoops	31-50		836 €		
	51-1C		829 €		
	1-8		994 €		
400L Puncheon	9-16		981 €		
27 mm staves, 8 galvanized hoops	17-25		976 €		
	26-1C		966 €		
	1-8		1,189 €		
500L Puncheon	9-16		1,173 €		
27 mm staves, 8 galvanized hoops	17-25		1,168 €		
	26-1C		1,161 €		
OAK SELECTIONS				SPECIAL SIZES	
Name	Forest Origin	Grain Width	Air Dry	Size	Price
Tokay	Tokay Mountains	< 1.5 mm	36 months	60L	325 €
Tokay Blend	2/3 Tokay, 1/3 Mecsek	1.5-2.0 mm	36 months		
Hungarian	Blend of Tokay and Mecsek	1.5-3.0mm	36 months	110L	421 €
Mecsek Blend	1/3 Tokay, 2/3 Mecsek	2.0-3.0 mm	36 months		
Mecsek	Mecsek Hills	2.0-3.0 mm	36 months	600L	1,305 €
BARREL OPTIONS			TOAST LEVELS		
Name	200-265L	300-500L	Fire Toast		Convection Toast
Head Toasting	+10 €	+13 €	■ Light	■ Medium Plus	■ Radiant White
Tokay Oak (extra fine grain)	+26 €	+45 €	■ Light Long	■ Heavy	■ Radiant Red
2/3 Tokay Oak Selection	+13 €	+22 €	■ Medium		
			■ Medium Long		



## MASTER COOPERS



### HISTORY

After 36 years of passion and dedication to the cooperage business, Vincent Bouchard created his own unique recipe for American Oak barrels.

Master Coopers strives for the integration of wood and wine throughout the 5 stages of tasting: the nose, the front palette, the mid palette, the finish and what in Italy is called the "retro-gusto" where the wine comes back after drinking or spitting. The integration is balanced in a way that shows a reverence for fruit and terroir.

What distinguishes the Master Coopers brand is the unique proprietary way the barrels are toasted. The proprietary toasting process is much longer than the traditional toasting time and done at a lower flame, designed to optimize the essence of American oak while minimizing its undesirable characteristics. That means more subtle oak nuances that lift the fruit and broaden the palate; and less aggressive lactones with no overt oakiness, plankyness or dill.

### 1% FOR THE PLANET

One Percent for the Planet is an international organization whose members contribute at least one percent of their annual sales to environmental causes. Master Coopers is a proud member of this program, and the support its barrel sales provides. One Percent for the Planet members assist nonprofit organizations that protect land, forests, rivers, oceans and also encourage sustainable methods of energy production.

### STYLISTICALLY

*Proprietary toast deepens and enhances finesse, elegance and length on French oak and decreases presence of whiskey lactones on American oak.*

### PRODUIT DE BOURGOGNE

Working closely with a selected Burgundian Cooper with whom he has had the longest relationship, the barrels feature 100% 3-year air dry French oak from specially selected premier forests, and are available in both Slow Blue and Slow Red toasts:

- Slow Blue for Chardonnay and other whites
- Slow Red for Pinot Noir and other delicate/aromatic reds.



Master Coopers USA steam bent barrel.

### STRONG POINTS

- Proprietary toast for wines and different char levels for spirits
- Special Barrel: Unity
- Blending of different French forests for the Slow Red and Slow Blue French oak barrels
- State specific forests used for American oak barrels:
  - Minnesota
  - Missouri
- Available in 225L or 228L
- Fire & steam bent barrels
- 3-year air dry and tight grain available upon request
- Master Coopers USA is proud to be partnered with 1% for the Planet



Master Coopers premium "Unity" American oak barrel ready to be filled.





## Made in America

		ORDER BY MARCH 15	ORDER AFTER MARCH 15
Burgundy Export (228L) 25/27 mm staves, 6 galvanized hoops	1-10	\$ 550	\$ 570
	11-30	\$ 540	\$ 560
	31+	\$ 530	\$ 550
Bordeaux Export (225L) 25/27 mm staves, 6 galvanized hoops	1-10	\$ 550	\$ 570
	11-30	\$ 540	\$ 560
	31+	\$ 530	\$ 550
Bordeaux Export Thin Stave (225L) 20/22 mm staves, 6 galvanized hoops	1-10	\$ 560	\$ 580
	11-30	\$ 550	\$ 570
	31+	\$ 540	\$ 560



\$620

The Unity barrel is a fine selection of tight grain Missouri and Minnesota oak that has been naturally aged in the elements between three to four years with four year air dry heads and a proprietary steam bending and toasting technique that aims to showcase the most subtle nuances of fine American oak to elevate your wine.

### BARREL OPTIONS

Name	
Toasted Heads (TH)	No Charge
Steam Bending (SB)	+\$15
3-Year Air Dry (3Y)	+\$30
Tight Grain Missouri Oak (TG)	+\$30
Extra-Tight Grain Minnesota Oak (ETG)	+\$30

### OAK SELECTIONS

Slow-growth American white oak of the highest quality is seasoned for a minimum of 2 years and sourced from:

**Missouri** Missouri oak offers sweetness and vanilla notes.

**Minnesota** Minnesota oak is the tightest grained, providing elegance and depth.

### PROPRIETARY TOAST FOR WINE

The proprietary toasting process, developed personally by Vincent Bouchard, is much longer than the traditional toasting time and done with a lower flame, designed to optimize the essence of American oak while minimizing any undesirable characteristics.

That means more subtle oak nuances that lift the fruit and broaden the palate and less aggressive lactones with no overt oakiness, plankiness or dill. Heads are toasted.

### TOAST OPTIONS FOR SPIRITS

- Char 1 - Darkened
- Char 2 - M+ Char
- Char 3 - Heavy Char (Industry Standard)
- Char 4 - Alligator Skin Char

■ The prices above are listed in USD (\$) and include delivery to our Napa Valley, CA warehouse.

■ March 15 prices require delivery acceptance as early as June 1.

## Produit de Bourgogne

Made in Burgundy, France.

Product	Qty	FRENCH OAK			TOAST LEVEL
		MARCH 15	APRIL 15	LATE ORDER	
Burgundy Export (228L) 25/27 mm staves, 8 galvanized hoops	1-15	1,090 €	1,153 €	1,218 €	<ul style="list-style-type: none"> <li>■ Slow Blue Medium</li> <li>■ Slow Blue Medium Long</li> <li>■ Slow Red Medium Long</li> <li>■ Slow Red Medium Plus</li> </ul>
	16-50	1,079 €	1,142 €	1,207 €	
	51-75	1,068 €	1,131 €	1,196 €	
	76-1C	1,062 €	1,125 €	1,190 €	

■ March 15 and April 15 prices require delivery acceptance as early as June 1 and July 1 respectively.

■ All prices above are listed in Euros (€) and include delivery to either of our distribution warehouses.



SCHNECKENLEITNER  
AUSTRIA

## FASSBINDEREI SCHNECKENLEITNER

1  
AUSTRIA



Paul Schneckenleitner inspecting staves for large format production.

Schneckenleitner buys entire oak and acacia logs from forests they have been working with for generations. The logs are brought to their production site and the splitting, preparing and air drying of the wood is done on site. They cooper vessels made from tight grain Weidling Oak and Acacia that is sourced from forests in southern Austria.

### HISTORY

Fassbinderei Schneckenleitner is a fifth generation Austrian artisan family run cooperage that is located in Waidhofen/Ybbs, located in the foothills of the Austrian Alps. The cooperage was founded in 1628 and the Schneckenleitner family has been at the helm of the cooperage since 1880. Schneckenleitner produces premium quality puncheons and large format vessels and they are best known for their ovals and casks or rounds as they call them. The oak for these ovals and rounds (10 HL - 60 HL) are sourced 100% from Austrian Oak. However, the cooperage is also recently offering more Austrian Acacia, especially for aromatic whites.

### TODAY

Fassbinderei Schneckenleitner is managed by Paul Schneckenleitner, who is a fifth generation Master Cooper from the Schneckenleitner family. Before managing the family cooperage, Paul gained invaluable experience by working in several Burgundy and Cognac based cooperages.

### STYLISTICALLY

*Schneckenleitner has built their reputation on the production of their large format ovals and puncheons which are found in many of Europe's finest cellars. Because of the large format, the incredibly long and low toast, and significantly long air-drying time results in extremely low impact ovals, rounds and puncheons that respect the wine's fruit, freshness and minerality, while allowing for some natural micro-oxidation to occur. Their large format vessels work both on white and red wines.*



New Schneckenleitner cooperage completed in 2022.



Freshly planed Oval.



15 HL round cask destined for Oddero in Piedmonte.



25 HL oval casks destined for South Africa.



45 mm thick stave 500L puncheon in Chablis.

### STRONG POINTS

- Independently family-owned artisanal cooper where all important steps are still done by hand
- Reputation built on 10HL - 60HL+ Ovals and Rounds
- Also coopers 45 mm thick stave puncheons and conicals
- Directly buys and handles logs at stave mill located at the cooperage
- Air drying of oak is done on site
- Selection of 100% Austrian Oak and Austrian Acacia
- Long air drying time for wood preparation
- House toasts are the: AOC (Austrian Oak Complex) and AOE (Austrian Oak Elegance)



## 2023 SCHNECKENLEITNER USA PRICES

### PUNCHEONS

Product	500L WEIDLING	500L ACACIA	600L WEIDLING	600L ACACIA	700L WEIDLING	700L ACACIA	800L WEIDLING	800L ACACIA
29 mm thick Staves	1,885 €	1,829 €	2,210 €	2,144 €	2,635 €	2,556 €	3,045 €	2,954 €
45 mm thick Staves	2,350 €	2,230 €	2,830 €	2,745 €	3,260 €	3,162 €	3,620 €	3,511 €

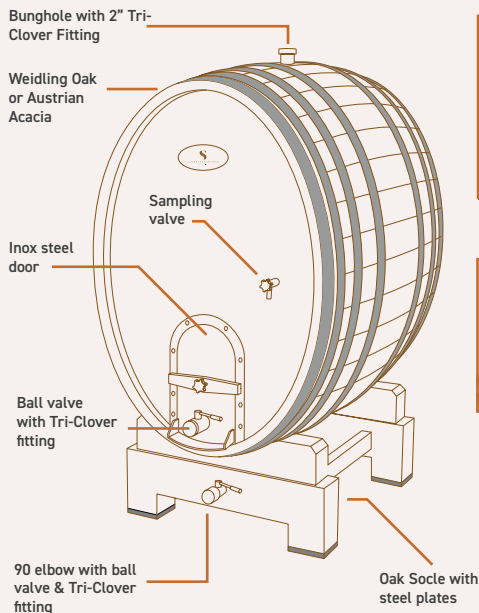
### ROUNDS

Product	LITERS (L)	GALLON (G)	BILGE HEIGHT (IN)	BILGE DIAMETER (IN)	HEAD HEIGHT (IN)	HEAD DIAMETER (IN)	LENGTH OF STAVES (IN)	STAVE THICKNESS (MM)	AUSTRIAN ACACIA	WEIDLING OAK
10HL	1,000	264	49.2	49.2	47	47	51.2	47	11,465 €	11,630 €
13HL	1,300	343	53.5	53.5	47	47	54.7	47	12,985 €	13,195 €
15HL	1,500	396	55.1	55.1	50	50	59.1	50	13,935 €	14,175 €
20HL	2,000	528	60.6	60.6	52	52	63.4	52	16,320 €	16,630 €
25HL	2,500	660	65.7	65.7	57	57	68	57	18,950 €	19,335 €
30HL	3,000	793	69.6	69.6	70	70	72	60	21,275 €	21,745 €

### OVALS

10HL	1,000	264	57.8	41.7	53.1	48	51.2	48	11,670 €	11,835 €
12.5HL	1,250	330	61	43.3	56.3	48	53.5	48	12,895 €	13,095 €
15HL	1,500	396	66	46.8	62.2	50	55.5	50	14,200 €	14,440 €
20HL	2,000	528	74	50.7	68.9	53	60.2	53	16,790 €	17,105 €
25HL	2,500	660	80.3	56.3	74.4	55	62.2	55	19,235 €	19,620 €
30HL	3,000	793	84.3	58.3	78	57	67.7	57	21,835 €	22,305 €

### OVAL WITH STANDARD ACCESSORIES



- Oval vertical/horizontal door available upon request.
- Partial or full discharge valves, sample port and manhole available on 5, 6, 7 or 8 HL casks. Available on request.
- Additional sizes up to 60HL available on request, as well as conical upright tanks for aging and maturation.

### CASK & OVAL OPTIONS

#### 500L - 800L OPTIONS

Outlet Connection 1" with Cap	143 €
2" Tri Clover racking ball valve on head	293 €
90 degree elbow drain with 2" Tri Clover butterfly valve	756 €
Wooden Socle	510 €

#### 10HL - 60HL OPTIONS

Top Manhole with TC fitting and pressure compensating valve	Varies on size
Painted Hoops	Varies on size
Cooling Plate	Varies on size
Colmatore	188 €
Laser Engraving	435 €
Thermometer with immersion sleeve	390 €
Thermowell	225 €
1x Oak Support Bar on Head	595 €
2x Oak Support Bar on Head	1050 €

### WOOD SELECTIONS

- Weidling Oak**  
Selection of fine grain oak from a forest in Southern Austria.
- Austrian Acacia**  
Selection of Acacia sourced from Southern Austria.

### TOAST LEVELS

- Intended for whites or light reds.  
**AOE - / AOE / AOE+**
- Intended for rich whites or bold reds.  
**AOC - / AOC / AOC+**





Fred and Jacques Canadell in front of a French oak log destined for stave production.

With two stave mills in France and connections to France's most prestigious forests, Canadell uses strict proprietary toasting regimens to carefully craft a complete line of oak alternatives.

Canadell oversees the entire manufacturing process of its oak alternative products for full traceability, from selecting trees in the forest to seasoning, splitting, air drying, toasting and the final packaging of the product. Canadell is part of the PEFC (Programme for the Endorsement of Forest Certification) which is the world's largest forest certification system that promotes sustainable forest management and a proud sponsor of the "ONF - AGIR" fund (Office National des Forêts - React) which is committed to the preservation of France's forests to ensure their sustainability and help mitigate the negative impacts of climate change.

### STYLISTICALLY

*The Canadell product line includes powder and chips for use during fermentation and post ferment aging, to dominoes and staves, which best showcase the qualities of French oak and show characters remarkably similar to barrel aging. Canadell bridges the gap between barrels and oak alternatives.*



French oak tree in the Tronçais forest of France.



Oak chips



French oak dominoes



Barrel inserts through the bung



Fire toasted French oak staves



French oak staves

### STRONG POINTS

- Company historically is a merrandier, ensuring control of its oak alternative product line from the source: the oak tree
- Complete in house integration from when oak is cut to packaging
- Family owned and operated
- Large selection of alternative products and toast levels
- Staves are evenly spaced and air dried outside in the elements for optimal ventilation and seasoning
- Fire toasted and convection toasted staves
- Chips • Dominoes
- Barrel and bung inserts



## 2023 CANADELL USA PRICES

FRENCH OAK TANK STAVES			< 1 PALLET	1 PALLET	2-5 PALLETS	6+ PALLETS
<b>Standard Staves</b> 23.5 ft² per fan 20 staves per fan 2 fans per bag 120 bags per pallet	<b>Toasted (L, M , M+)</b>	Per bag	\$231.00	\$225.00	\$223.00	\$221.00
		Per fan	\$115.50	\$112.50	\$111.50	\$110.50
	<b>Long Toast</b>	Per bag	\$250.00	\$244.00	\$242.00	\$237.00
		Per fan	\$125.00	\$122.00	\$121.00	\$118.50
	<b>Fire Toasted</b>	Per bag	\$339.00	\$333.00	\$327.00	\$321.00
		Per fan	\$169.50	\$166.50	\$163.50	\$160.50
<b>Thick Staves</b> 13.7 ft² per fan 10 staves per fan 20 staves per bag 100 bags per pallet	<b>Toasted (L, M , M+)</b>	Per bag	\$275.00	\$268.00	\$266.00	\$263.00
		Per fan	\$137.50	\$134.00	\$133.00	\$131.50
	<b>Long Toast</b>	Per bag	\$283.00	\$276.00	\$274.00	\$271.00
		Per fan	\$141.50	\$138.00	\$137.00	\$135.50
	<b>Fire Toasted</b>	Per bag	\$331.00	\$324.00	\$322.00	\$319.00
		Per fan	\$165.50	\$162.00	\$161.00	\$159.50
FRENCH OAK BARREL INSERTS			< 1 PALLET	1 PALLET	2-5 PALLETS	6+ PALLETS
<b>Through the Head</b> 11.8 ft² each Sold individually 20 half-staves per system (installation not included)	<b>Toasted (L, M , M+)</b>	Per insert	\$99.00	\$98.00	\$96.00	\$92.00
	<b>Long Toast</b>	Per insert	\$106.00	\$104.00	\$102.00	\$99.00
	<b>Fire Toasted (M , M+)</b>	Per insert	\$129.00	\$128.00	\$124.00	\$119.00
<b>Through the Bung</b> 3.5 ft² each Sold individually 3x8 pieces (25 cm x 2.5 cm x 0.7 cm) Oak chain inserted through bung	<b>Toasted (M , M+)</b>	Per insert	\$136.00	\$131.00	\$126.00	\$121.00
	<b>Long Toast</b>	Per insert	\$147.00	\$142.00	\$136.00	\$131.00
	<b>Fire Toasted (M , M+)</b>	Per insert	\$178.00	\$173.00	\$168.00	\$162.00
FRENCH OAK SEGMENTS (DOMINOES)			< 1 PALLET	1 PALLET	2-5 PALLETS	6+ PALLETS
<b>French Oak Segment (Dominoes)</b> 6.4 in² each 22 lbs per bag 60 bags per pallet	<b>Toasted (L, M , M+)</b>	Per bag	\$221.00	\$214.00	\$212.00	\$209.00
		Per lb	\$9.55	\$9.27	\$9.18	\$9.05
	<b>Long Toast</b>	Per bag	\$246.00	\$239.00	\$235.00	\$234.00
		Per lb	\$10.64	\$10.36	\$10.18	\$10.14
FRENCH OAK CHIPS			< 1 PALLET	1 PALLET	2-5 PALLETS	6+ PALLETS
<b>French Oak CHIPS</b> 22 lbs per bag 60 bags per pallet	<b>Toasted (L, M , M+ , M++)</b>	Per bag	\$102.00	\$99.00	\$95.00	\$92.00
		Per lb	\$4.64	\$4.50	\$4.32	\$4.18
<b>French Oak CHIPS HIGH IMPACT</b> Made from Toasted Staves 22 lbs per bag 60 bags per pallet	<b>Long Toast</b>	Per bag	\$113.00	\$108.00	\$105.00	\$103.00
		Per lb	\$5.14	\$4.91	\$4.77	\$4.68
	<b>Fresh / Untoasted</b>	Per bag	\$97.00	\$92.00	\$90.00	\$87.00
		Per lb	\$3.95	\$3.77	\$3.36	\$3.05
	<b>Toasted (L, M , M+)</b>	Per bag	\$102.00	\$99.00	\$95.00	\$92.00
		Per lb	\$4.64	\$4.50	\$4.32	\$4.18
<b>French Oak CHIPS MATRIX</b> Proprietary Blend of Chips & Mini-Chips / 22 lbs per bag / 60 bags per pallet	<b>Toasted (L, M , M+)</b>	Per bag	\$103.00	\$100.00	\$97.00	\$93.00
		Per lb	\$4.68	\$4.55	\$4.41	\$4.23
	<b>Fresh / Untoasted</b>	Per bag	\$99.00	\$93.00	\$91.00	\$89.00
		Per lb	\$4.50	\$4.23	\$4.14	\$4.05
<b>French Oak MINI-CHIPS</b> 22 lbs per bag 60 bags per pallet	<b>Toasted (L, M , M+)</b>	Per bag	\$103.00	\$100.00	\$97.00	\$93.00
		Per lb	\$4.68	\$4.55	\$4.41	\$4.23
	<b>Fresh / Untoasted</b>	Per bag	\$99.00	\$93.00	\$91.00	\$89.00
		Per lb	\$4.64	\$4.50	\$4.32	\$4.18

- 100% recyclable and biodegradable packaging.
- All Canadell products can be combined for volume price discounts.
- Bulk pricing available upon request.

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CANADELL

All Canadell products are invoiced in \$USD and are sold per bag or per packet.

The prices listed above included delivery to our Napa Valley, CA warehouse.

For further information on trials, specifications and dosage recommendations, contact Bouchard Cooperages.

[www.bouchardcooperages.com](http://www.bouchardcooperages.com)

[sales@bouchardcooperages.com](mailto:sales@bouchardcooperages.com) • (707)257-3582



"Excellence" untoasted French oak tannin and "Structure" toasted French oak tannin sample bottles.

## HISTORY

Chêne-oelogie French Oak Tannin is a partnership between Vincent Bouchard from Bouchard Cooperages and Mikael Reduil from First Oak. Mikael Reduil is a 6th generation Cognac producer, viticulturer and consulting oenologue and produces a wide array of oenological products under his brand First Oak, which was founded in 2008 and is based right outside of Cognac.

Due to Mikael's close proximity and connections with France's Cognac and Bordeaux based cooperages, he is able to source pieces of French oak left from cooperages' stave production for a premium, 100% French Oak tannin product line. As a result, Mikael's raw ingredients for French Oak tannin production is of the highest quality.

## TODAY

Chêne-oelogie French Oak Tannin by First Oak is a premium toasted and untoasted French oak tannin product line that is produced in Cognac and is applicable to treating a wide variety of alcoholic beverages. The addition of the French oak tannins can be done at different stages of the alcohol's production process.

## STYLISTICALLY

*Chêne-oelogie French Oak tannin acts on the palate with regard to a beverage's integration and structure profile. It does NOT take the place of oak alternatives or barrels and does NOT impact the beverage's aromatic or color profile.*

### STRUCTURE

Untoasted French oak tannin that can be used on thin wines that would benefit from tannin structure, the frameworking of fruit and palate length.

### EXCELLENCE

Toasted French oak tannin that helps soften the wine's structure. It performs on brighter more elegant and complex wines and adds sweetness and roundness.





## STRONG POINTS

- 100% water soluble Premium French oak tannin for alcoholic beverage production
- Made from two natural products:
  - French Oak
  - Demineralized water
- Chêne-oelogie Excellence Tannin: Toasted French oak tannin
- Chêne-oelogie Structure Tannin: Untoasted French oak tannin
- Up to 2 years shelf life
- Chêne-oelogie French Oak tannin is suitable for use in beverage production and complies with 27 CFR 24.246 of the Alcohol, Tobacco Tax & Trade Bureau (TTB) Electronic Code of Federal Regulations e-CFR when used at our recommended dosage rates.



## 2023 CHÊNE-OEOLOGIE USA PRICES

CAN BE USED AS A SOLUTION TO HELP MITIGATE  
THE NEGATIVE IMPACTS OF SMOKE TAIN

PRODUCTS	PRICE	UNITS	PACKAGING
<b>Excellence</b> Tannin has been extracted from oak that has been toasted. Helps soften the wine's structure. Performs on brighter, more elegant and complex wines and adds sweetness and roundness.	\$495.00 \$247.50	1 kg 0.5 kg	
<b>Structure</b> Tannin has been extracted from oak that is untoasted. Can be used for wines that are thin and would benefit from tannin structure, the frameworking of fruit and palate length.	\$345.00 \$172.50	1 kg 0.5 kg	

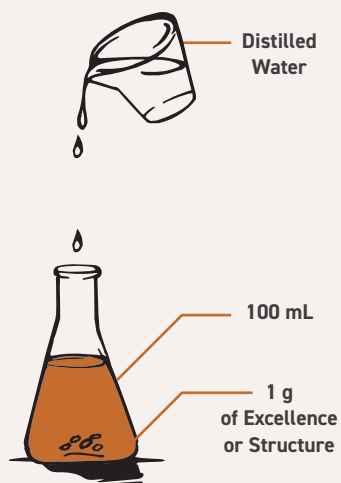
### PRICE COMPARISON SCENARIO

Chêne-oelologie Dosages = 2 g/HL:	Excellence	Structure
1kg of French oak tannin	\$495.00	\$345.00
Costs per lb	\$225.00	\$156.80
HL of wine that can be treated	500 HL	500 HL
L of wine that can be treated	50,000 L	50,000 L
Gallons of wine that can be treated	13,208.6 Gal	13,208.6 Gal
Cost per HL of wine	\$0.99	\$0.69
Cost per Gallon of wine	\$0.037	\$0.026
Cost per L of wine	\$0.01	\$0.0069

### USAGE

#### STEP 1

Prepare a 10 g/L French oak tannin extract solution by mixing 100mL of pure dissolved water or wine to 1g of Excellence or Structure French oak tannin.

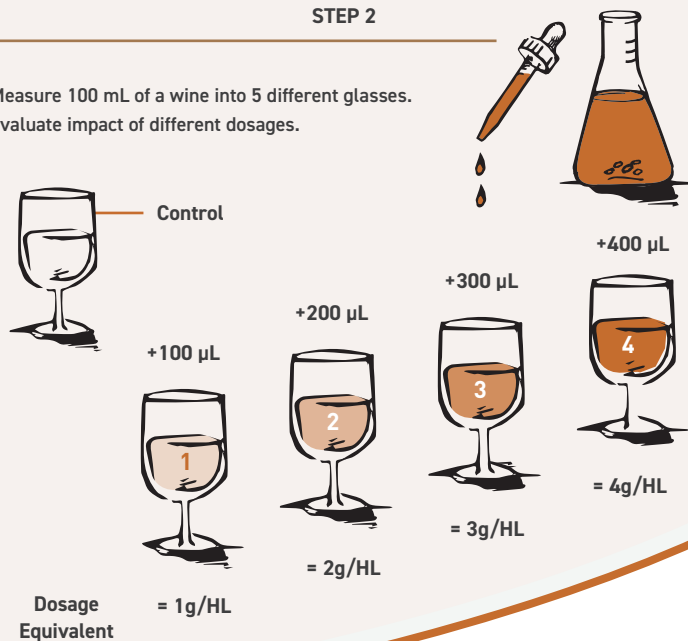


1 HL	100 L
1 HL	26.4 Gallons
1 L	0.264 Gallons
1 L	1000 ml
1 mL	1000 µL, ppm or microliter
1 kg	2.2 lbs

\*For mixing purposes, the dry oak tannin can be mixed into an aqueous or wine based solution (1 kg per 20L) to facilitate the mixing of the product into wine tanks or other holding vessels.

#### STEP 2

Measure 100 mL of a wine into 5 different glasses. Evaluate impact of different dosages.

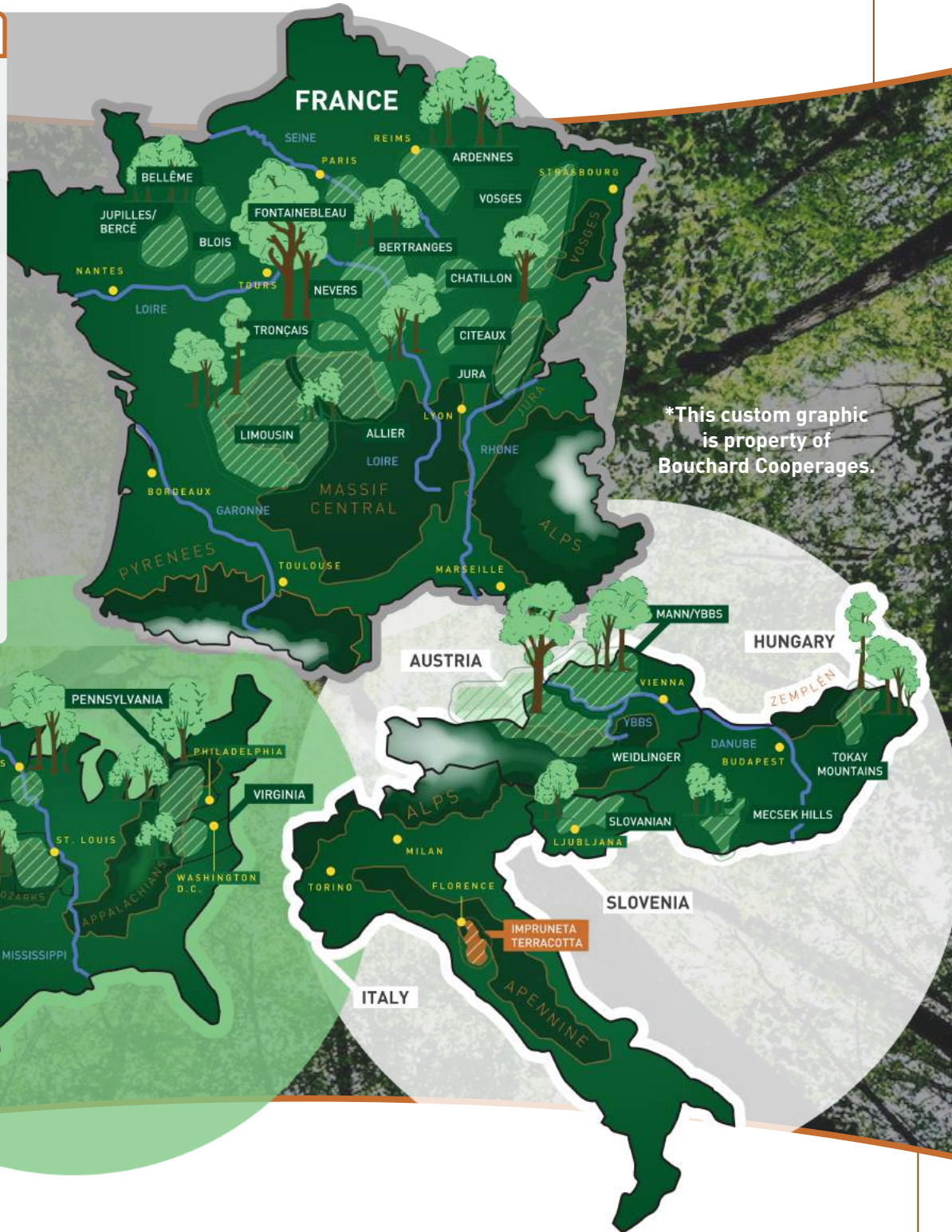


# FOREST ORIGINS

## FRENCH FORESTS

1. **Jupilles/Bercé** 5,400 ha
2. **Bellême** 2,400 ha
3. **Blois** 2,800 ha
4. **Limousin** 568,000 ha
5. **Allier** 122,000 ha
6. **Tronçais** 10,500 ha
7. **Fountainbleau** 17,000 ha
8. **Nevers** 225,000 ha
9. **Bertranges** 10,000 ha
10. **Ardenne** 36,140 ha
11. **Chatillon** 9,000 ha
12. **Cîteaux** 13,284 ha
13. **Vosges** 280,000 ha
14. **Jura** 180,000 ha

\*ha = generalized hectares of forest that includes other trees besides oak.

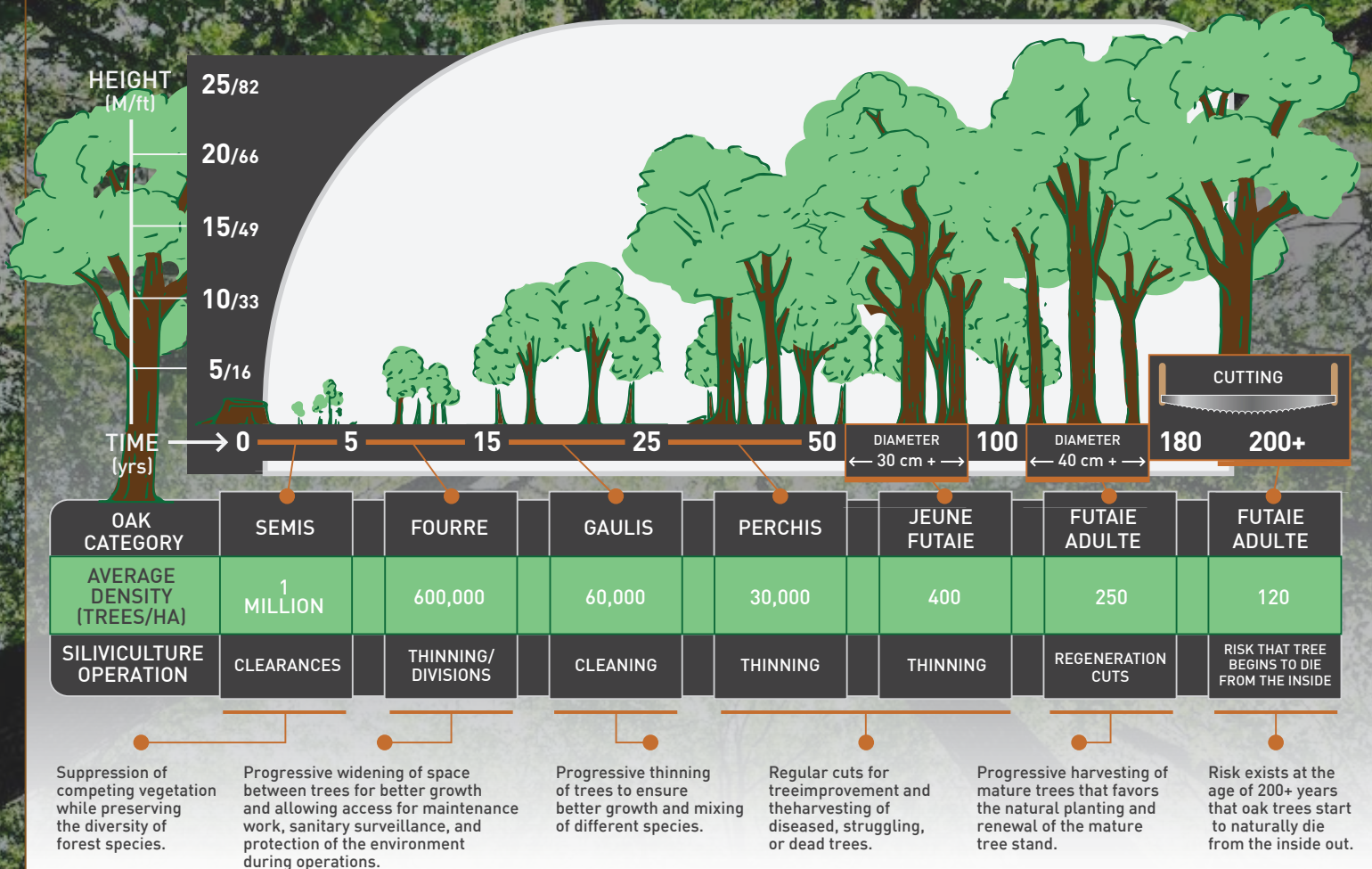




# FUTAIE GROWTH MAP

## OAK TREE CATEGORIES AND LIFE STAGES

\*This custom graphic is property of Bouchard Cooperages.





TONNELLERIE  
*Billon*  
BEAUNE - FRANCE

**DAMY**  
MEURSAULT - FRANCE



  
**CANADELL**



**EGGINOX**



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