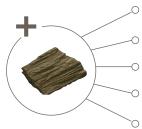


# CHIPS & GRANULARS

A full range of high quality products combining tradition, expertise, innovation and research

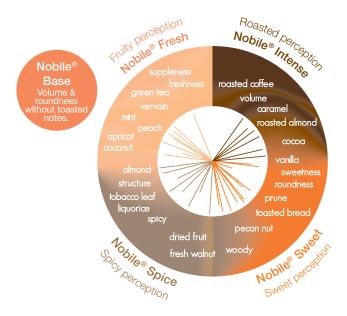


## OENOLOGICAL +



- O Creates volume & sweetness.
- O Develops aromatic complexity.
- O Preserves freshness and fruity expression of wines.
- Reduces the perception of vegetal character.
- Reduces ageing time (early wine release).

## SENSORY ANALYSIS



# The aromatic and flavour profiles found in the NOBILE® range.

The use of extremely delicate heating processes release volatile compounds from the wood. Our experience and a thorough understanding of this toasting process ensures consistency, reliability and repeatability of the tannins and complex aromatic profiles.

## AGEING SOLUTIONS

## STRUCTURE & VOLUME



BASE + FRESH



Brings structure and volume without woody notes.



FRESH + SWEET

Freshness & structure. Aromatic smoothness.

### SWEETNESS & COMPLEXITY



**BASE + SWEET** 



Develops sweetness. Toasted nuances.



BASE + SWEET + INTENSE



Complexity & volume.
Reduces the perception of vegetal character.





# **CHIPS & GRANULARS**

#### UNTOASTED OAK



NOBILE® FRESH GRANULAR 24M Granulars

Antioxidant & structure.



NOBILE® AMERICAN FRESH GRANULAR Granulars

Fruit & lactones.

#### TOASTED OAK



NOBILE® FRESH THERMO TREATED Chips & Granulars

Freshness, fruit & structure.



NOBILE® BASE
Chips

Volume & roundness.
Without toasted notes.



NOBILE® SPICE Chips

Fruity & spicy.



NOBILE® SWEET Chips & Granulars

Vanilla & toasted.



NOBILE®
SWEET VANILLA
Chips & Granulars

Lush vanilla & marshmallow flavours.



NOBILE® INTENSE Chips

Volume & roasted almonds



NOBILE® AMERICAN BLEND Chips & Granulars

Caramel & smoky.



## HOMOGENEOUS TOASTING

Toasting program dedicated to reproducing complex aromatic expression.

#### **ORIGIN**

French Oak (Quercus petraea, Quercus robur) and/or American Oak (Quercus alba).

NOBILE® is committed to the PEFC program (Pan European Forest Certification) for promoting sustainable forest management and ensuring biodiversity.

#### **SEASONING**

Open air seasoned on site for a minimum of 24 months.

#### **DOSAGE**

#### WHITE WINES

In fermentation: addition of 1 to 3 g/L of chips or granulars after racking.

**Application on finished wines:** addition of 0,5 to 3 g/L by direct immersion of **NOBILE®** infusion bags into the tank.

#### **RED WINES**

At vatting: addition of 1 to 5 g/L of chips or granulars progressively during tank filling.

 $\begin{tabular}{ll} \textbf{Application on wines after racking:} addition of 1 to 4 g/L by direct immersion of $NOBILE^*$ infusion bags into the tank. \\ \end{tabular}$ 

#### CONTACT TIME

In alcoholic fermentation: during alcoholic fermentation duration.

**In malolactic fermentation:** from the beginning of malolactic fermentation and for a total duration of 4 to 6 weeks.

Ageing: 6 to 8 weeks.

Contact time is defined by tasting throughout ageing.

#### **DIMENSIONS**

#### Size

Granulars: 2 to 7 mm (95% > 2 mm).

Chips: 7 to 15 mm.

The production process guarantees the homogeneity of the size of the products for a more qualitative extraction.

#### **STORAGE**

Store in original sealed packages, in a cool dry place (5 to 25°C) in an odour-free environment.

Optimal date of use **Nobile® Fresh Granular 24M**: 18 months. Optimal date of use: 4 years.

#### **PACKAGING**

15 kg bags / bulk or containing two infusion bags of 7,5 kg. Aluminized PET packaging ensures optimum flavour protection.

#### SAFETY, QUALITY & REGULARITY

NOBILE® range is subject to rigorous controls in order to meet quality, traceability and reproducibility requirements.

 $NOBILE^{\tiny{\oplus}}$  production site implements a HACCP approach.

# REGULATION

The use of oak wood chips is subject to regulation. Refer to the legislation.





