FRANCE - ALSACE

<table>
<tr><td>SPECIFICATIONS
(What you have to know)</td><td>DISTRICTS, COMMUNES AND VINEYARDS
Eguisheim, Guebwiller, Pfaffenheim, Ribeauvillé, Riquewihr, Turkheim, Barr

KEY LIGHT WINES
Red Alsace Pinot Noir
White Alsace Riesling
Alsace Gewurztraminer
Alsace Pinot Gris
For one of these three, both a Grand Cru and a basic appellation wine.
For one of these three, both a VT or SGN and a basic appellation wine.
Pinot Blanc or Sylvaner

KEY FACTORS
Grape varieties: Riesling, Gewürztraminer, Pinot Gris/Blanc/Noir, Muscat/blanc à petits grains/d'Alsace/Ottonel, Chasselas, Sylvaner, Auxerrois
Soils: Granite, Schist, Volcanic, Clay, Marl, Limestone, Alluvium
Weather: Sunlight
Producers: Hugel, Trimbach</td></tr>
<tr><td>HISTORY</td><td>German until WWI and German occupation in 1940. Bulk wine production in those days.
1925> Banning hybrids
Since 1962> Quality with AC Alsace regulation
1972> Flute bottle
1983> Grands crus (51)</td></tr>
<tr><td>CLIMATE &
WEATHER</td><td>Vosges mountains> Rain shadow + wind protection
Dry – 700mm annual rainfall
1800+ sunshine hours/year
Long ripening season (dry warm autumn)</td></tr>
<tr><td>SOILS &
TOPOGRAPHY</td><td>Very diverse soils due to the rift. Main=
>Heavy clay and marl = broad flavours and weight
>Limestone and sand=Elegance and finesse
>Flint and schist=Flinty aromas

Vineyards on the mid slopes (220-350m)
Importance of drainage and sun exposure (South/South-East)</td></tr>
<tr><td>GRAPE VARIETIES</td><td>VARIETAL wines (French exception). 20% of white wine sold in France
4 noble grapes: Riesling, Gewürztraminer, Pinot Gris, Muscat.

Whites (92% of plantings)

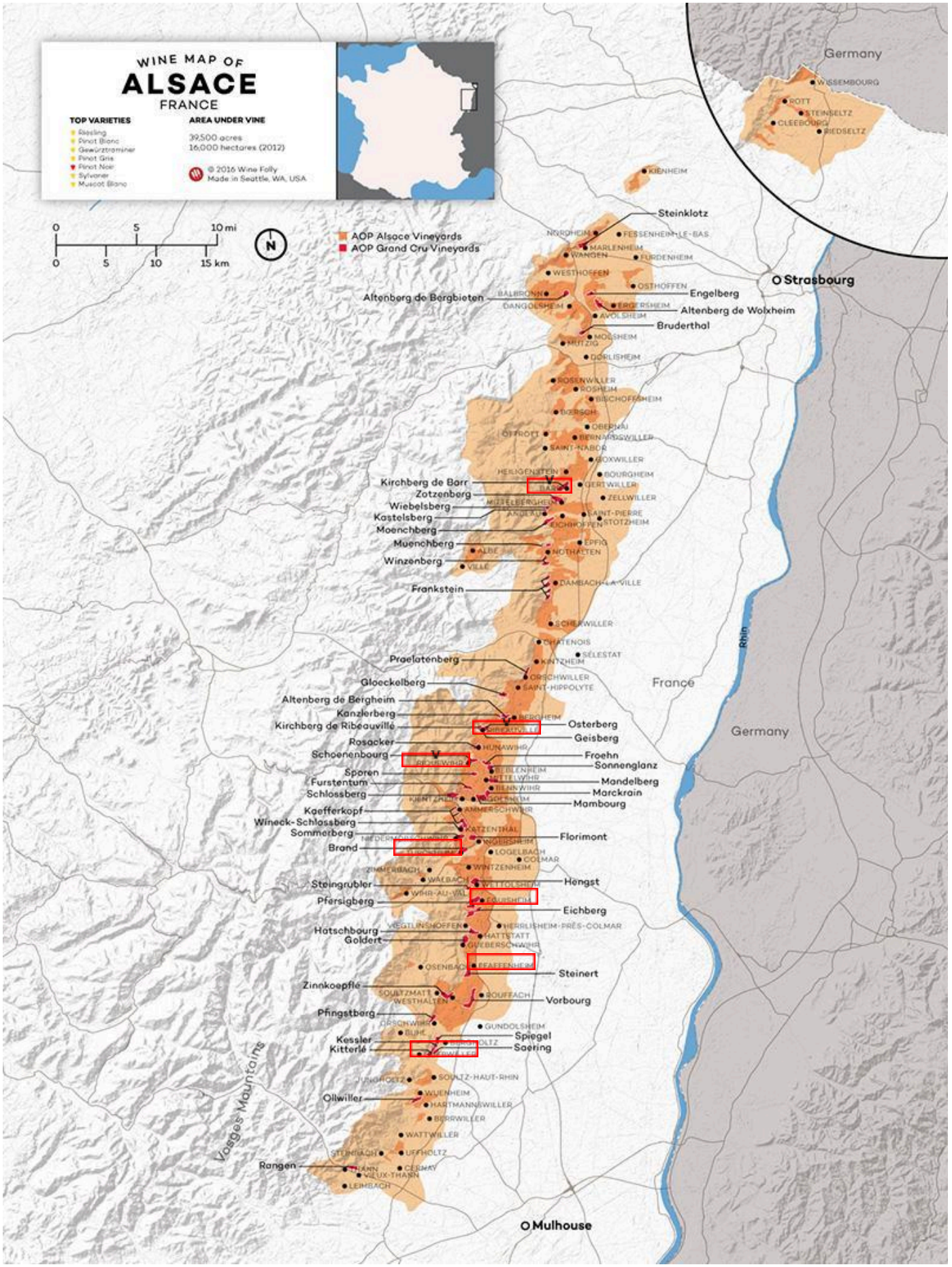
1. Riesling (25% of plantings)
Planted in Alsace since 15th century
Expressive grape; hi quality potential; hardy & versatile; ageing potential
Alsace: most planted; terroir; fuller, drier & more mineral vs. German Rieslings
SGN & VT
Bone dry, floral aromas, develops complex gunflint, mineral while retaining fruit flavours w age
Best in Wolxheim, Dambach la ville & Scherwiller
2. Gewurtzraminer (19%)
Signature grape of Alsace
Off dry, full bodied & oily texture; v aromatic
SGN VT
Dry to off-dry, lo acidity, hi alcohol w spicy aromas
Best around Barr (Bas Rhin); richer and more aromatic in Southern Alsace
3. Pinot Gris (15%)
Fomerly Tokay (until 06)
Aromatics of gewürztraminer with acidity of Riesling
Also suitable for SGN & VT
Best in North
4. Muscat (0.5%)
Muscat blanc a petits grains & Muscat Ottonel
Aromatic & grapey; dry, lo alcohol & lo acidity
SGN/VT but rare
5. Pinot Blanc/Auxerrois/Klevner (21%)
Dry light non aromatic; table wine usually
Mainly for Crémant
6. Sylvaner (8.6%)
Difficult to grow; slightly bitter w very firm acidity; med alcohol; drink young; best in hot vintages

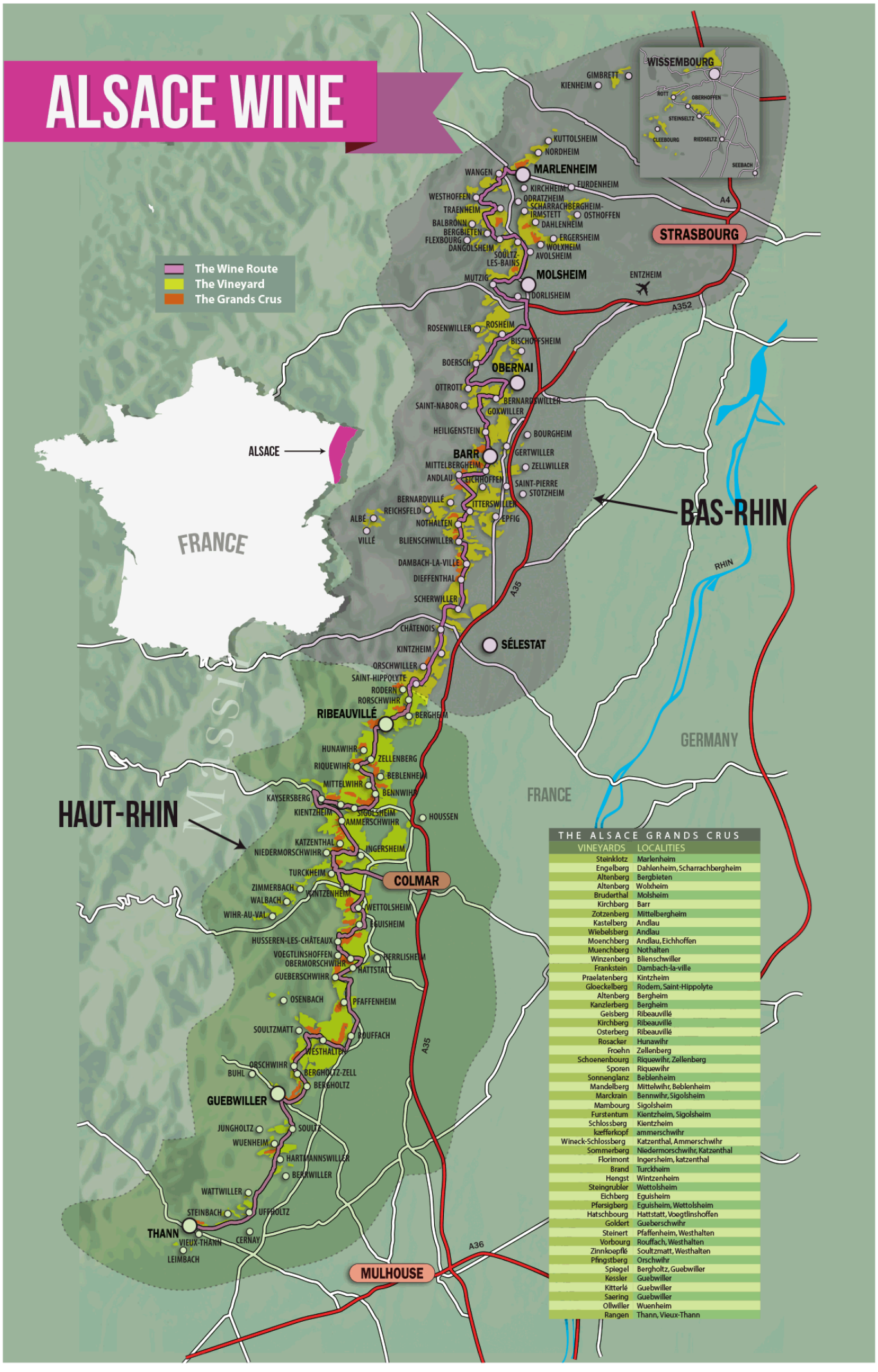
Red (8% of plantings)

Pinot Noir
Lighter style vs. Burgundy</td></tr>
<tr><td>VITICULTURE</td><td>Small vineyards (most <3ha) mostly sold to merchants & coops.
Long autumn and long harvest (Sept-Nov).
Dense plantings: 4400-4800 vines/ha.
High trellised vines (60-90cm) to maximize sun exposure.</td></tr>
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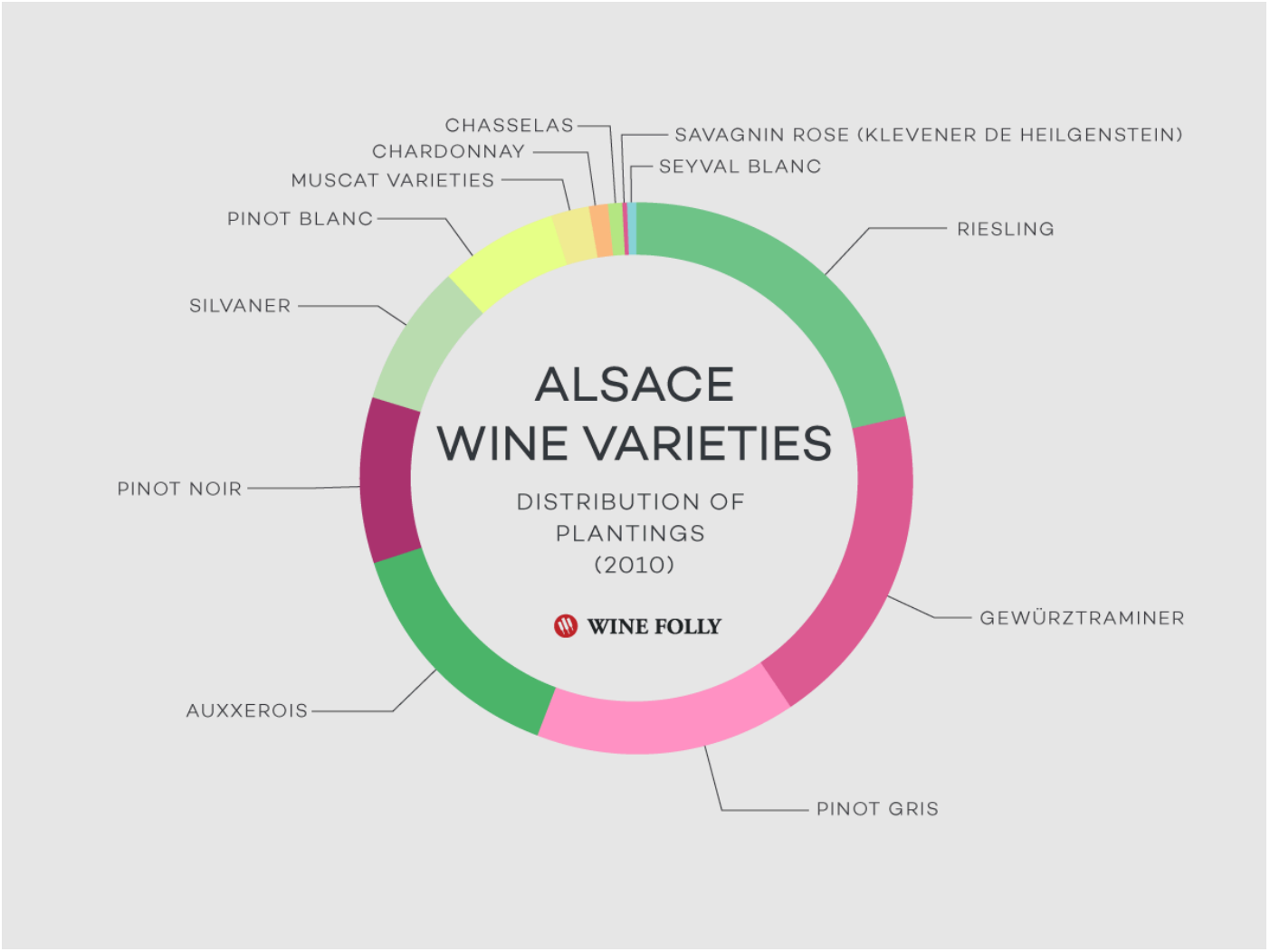
	Mechanization in plains, hand work on steep slopes. Single & double guyot pruning.
WINEMAKING	Chaptalization except VT. Malo blocked except Pinot Noir. No new oak to preserves intense fresh fruit aromas. Only old casks and stainless steel. Wines fermented to dryness or residual sugar (3/4g /l)
WINE APPELLATIONS & STYLES	3 colours, 3 styles: Dry, sparkling and sweet. "German wine made in a dry style" / "Dry Riesling" ▪ **Alsace AC** (●●●) : 80% of total production > Single varietal wines: 100% made with the grape stated on the label, using the 4 noble grapes > Blends: Edelzwicker (using min 50% nobel grapes) and gentil (solely noble grapes) > Max yield 80hl/ha whites, 75hl/ha reds ▪ **Alsace grand cru**(●)**:** 4% of total production. Debate: Guarantee of quality? Hugel opponent - Brand! > 51 sites with special mesoclimate. Most in Haut Rhin near Colmar (dryer and on average 1°C warmer) > 4 noble grapes, exception of Kaefferkopf and Altenberg de Berheim (allow blends) Zotzenberg (Sylvaner). > Grapes must be hand picked. > > 4500 vines/ha, pruned 8-19 buds/m² > Max yield 55hl/ha > Examples: Mambourg, Rosacker, Zotzenberg, Hengst, Altenberg de Berheim, Kaefferkopf ▪ **VT:** 4 noble grapes. Overripe grapes / late harvest. CHAPTALIZATION FORBIDDEN. >Riesling and Muscat: Potential alc. 14% or 220g/l res. sugar >Pinot Gris: Potential alc. 15.3% or 235g/l res. sugar. ***COURSE TASTING NOTES*** *Alsace VT Pinot Gris: Pale amber colour (if aged), pronounced 2/3ary aromas of marmalade, orange peel, raisins and honey (if aged), medium dry on the palate with medium acidity and alcohol and full bodied with a long finish. Can develop with age.* ▪ **SGN:** 4 noble grapes. Botrytis. Produced in outstanding vintages. CHAPTALIZATION FORBIDDEN. >Riesling and Muscat: Potential alc. 16.4% or 256g/l res. sugar >Pinot Gris: 18.2% or 279g/l res. sugar. ▪ **Riesling**: Most planted (>20%). Vinified in a dry style (except VT and SGN). Late ripening. High acid, medium alcohol wine showing intense flavours and aromas of jasmine, lime and apple in youth, petrol and kerosene with bottle age. Best on schist and granit. Best in WDS (Wolxheim, Dambach la ville, Scherwiller). ***COURSE TASTING NOTES*** *Alsace Riesling: Pale lemon-green colour (medium gold if aged), pronounced aromas of preserved lemon, petroleum (if aged), high acidity, medium – alcohol, medium bodied, long finish, can keep and improve/develop with age. More complex aromas if Grand Cru.* ▪ **Gewütrztraminer**: Around 20%. Often with residual sugar/off dry, successful as VT and SGN. Low acid, high alcohol, full palate. Intense spicy aromas of lychee, mango, rose water and cumin. Pink tinge. Best on marl. Best in BBEKKTP (Barr, Bergheim, Eguisheim, Kaysenberg, Kientzheim, Turckheim, Pfaffenheim). ***COURSE TASTING NOTES*** *Alsace Gewürztraminer: Pale lemon colour, pronounced aromas of rose petals, litchi, Turkish delight, cumin spice. Off dry, low acidity, medium – alcohol, medium + bodied, medium + finish, to drink in youth.* ▪ **Pinot Gris**: Around 15%. Often with residual sugar/off dry. High alcohol, rich and intense flavours, smokiness. Best on deep soils (difficulties with fruit set). Best in Obernai and Cleebourg (north of Strasbourg). ***COURSE TASTING NOTES*** *Alsace Pinot Gris: Pale lemon colour, medium + intense 1ary fruit aromas of ripe apricot and peaches, melon, pineapple. Off dry with medium/medium+ acidity with high alcohol, light bodied, medium finish, to enjoy in youth.*

	▪ **Muscat**: <3%. Vinified in a dry style (totally different from South of France VDNs). Grapey. Prone to rot. Best on sandy and calcareous soil. ▪ **Pinot blanc**: Around 20%. Growing (used for still and sparkling). Early ripening, light and floral. Fertile soils. ***COURSE TASTING NOTES*** *Alsace Pinot Blanc: Very pale lemon-green colour, light floral aromas of honeysuckle, elderflower, underripe pears and apples. Medium acidity, medium alcohol, medium bodied, medium finish. To enjoy in youth.* ▪ **Sylvaner**: Low alcohol neutral wine. Best on sand and chalk. ▪ **Pinot noir**: 10% of total. Growing and getting more and more popular. Fruity rosé or barrel aged red. Sandy and calcareous soils.
PRODUCTION & BUSINESS	Markets: 30% exports (mostly UK, Germany, US) Production: 40% coops Top producers: > Merchants: Hugel, Trimbach > Independent wine producers: Josmeyer ▪ **Hugel**: Riquewihr 1639. 12th & 13th generation. 26ha, mostly Riesling Gewüztraminer. Pioneer in VT and SGN. Buy grapes from 300 producers / 120ha. ▪ **Trimbach**: 1626. Clos Stehune (from GC Rosacker - Riesling) and Cuvée Frédéric Emile


WINE MAP OF
ALSACE
FRANCE
TOP VARIETIES
Riesling
Pinot Blanc
Gewürztraminer
Pinot Gris
Pinot Noir
Sylvaner
Muscat Blanc
AREA UNDER VINE
39,500 acres
16,000 hectares (2012)
© 2016 Wine Folly
Made in Seattle, WA, USA
0 5 10 mi
0 5 10 15 km
N
AOP Alsace Vineyards
AOP Grand Cru Vineyards
Germany
WISSEMBOURG
ROTT
STEINSELTZ
CLEEBOURG
RIEDSELTZ
KIENHEIM
Steinklotz
NORDHEIM
FESSENHEIM-LE-BAS
MARLENHEIM
WANGEN
FURDENHEIM
WESTHOFFEN
OSTHOFFEN
Strasbourg
Engelberg
Altenberg de Bergbieten
BALBRONN
DANGOLSHEIM
ERGERSHEIM
Altenberg de Wolxheim
AVOLSHEIM
Bruderthal
MOLSHEIM
MUTZIG
DORLISHEIM
ROSENWILLER
ROSHEIM
BISCHOFFSHEIM
DIETSCH
OBERNAI
OTTROTT
BERNARDSWILLER
SAINT-NABOR
BOXWILLER
HEILIGENSTEIN
BOURGHEIM
Kirchberg de Barr
GERTWILLER
Zotzenberg
ZELLWILLER
Wiebelsberg
MITTELBERGHEIM
Kastelsberg
ANDLAU
SAINT-PIERRE
STOTZHEIM
Moenchberg
KIRCHHOFFEN
EPFIG
Muenchberg
ALBE
NOTHALTEN
Winzenberg
VILLE
Frankstein
DAMBACH-LA-VILLE
SCHERWILLER
CHATENOIS
SELESTAT
Praelatenberg
KINTZHEIM
ORSCHWILLER
Gloeckelberg
SAINT-HIPPOLYTE
Altenberg de Bergheim
BERGHEIM
Kanzlerberg
Kirchberg de Ribeauvillé
RIBEAUVILLÉ
Osterberg
Geisberg
Rosacker
HUNAWIHR
Schoenenbourg
RIQUEWIHR
Froehn
Sonnenglanz
Sporen
BEBLENHEIM
Furstentum
MITTELWIHR
Mandelberg
Schlossberg
BENNWIHR
Marckrain
KIENTZHEIM
GUEBERSCHWIHR
Mambourg
Kaefferkopf
AMMERSCHWIHR
Wineck-Schlossberg
KATZENTHAL
Sommerberg
Florimont
Brand
WOLXHEIM
LOGELBACH
COLMAR
ZIMMERBACH
WINTZENHEIM
Steingrubler
WALBACH
WETTOLSHEIM
Hengst
Pfersigberg
WIHR-AU-VAL
EGUISHEIM
Eichberg
Hatschbourg
HERRLISHEIM-PRÈS-COLMAR
Goldert
HATTSTATT
Steinert
OSENBACH
EGUISHEIM
Zinnkoepflé
SOULTZMATT
ROUFFACH
Vorbourg
WESTHALTEN
Pfingstberg
ORSCHWIHR
GUNDOLSHEIM
Spiegel
Kessler
Saering
Kitterlé
SOULTZ-HAUT-RHIN
Ollwiller
WUENHEIM
HARTMANNSWILLER
BERRWILLER
WATTWILLER
STEINBACH
UFFHOLTZ
Rangen
THANN
CERNAY
VIEUX-THANN
LEIMBACH
Vosges Mountains
Rhin
France
Germany
Mulhouse



THE ALSACE GRANDS CRUS	
VINEYARDS	LOCALITIES
Steinklotz	Marlenheim
Engelberg	Dahlenheim, Scharrachbergheim
Altenberg	Bergbieten
Altenberg	Wolxheim
Bruderthal	Molsheim
Kirchberg	Barr
Zotzenberg	Mittelbergheim
Kastelberg	Andlau
Wiebelsberg	Andlau
Moenchberg	Andlau, Eichhoffen
Muenchberg	Nothalten
Winzenberg	Blienschwiller
Frankstein	Dambach-la-ville
Praelatenberg	Kintzheim
Gloeckelberg	Rodern, Saint-Hippolyte
Altenberg	Bergheim
Kanzlerberg	Bergheim
Geisberg	Ribeauvillé
Kirchberg	Ribeauvillé
Osterberg	Ribeauvillé
Rosacker	Hunawihr
Froehn	Zellenberg
Schoenenbourg	Riquewihr, Zellenberg
Sporen	Riquewihr
Sonnenglanz	Beblenheim
Mandelberg	Mittelwihr, Beblenheim
Marckrain	Bennwihr, Sigolsheim
Mambourg	Sigolsheim
Furstentum	Kientzheim, Sigolsheim
Schlossberg	Kientzheim
kaefferkopf	ammerschwihr
Wineck-Schlossberg	Katzenthal, Ammerschwihr
Sommerberg	Niedermorschwihr, Katzenthal
Florimont	Ingersheim, katzenthal
Brand	Turckheim
Hengst	Wintzenheim
Steingrubler	Wettolsheim
Eichberg	Eguisheim
Pfersigberg	Eguisheim, Wettolsheim
Hatschbourg	Hattstatt, Voegtlinshoffen
Goldert	Gueberschwihr
Steinert	Pfaffenheim, Westhalten
Vorbourg	Rouffach, Westhalten
Zinnkoepfle	Soultzmatt, Westhalten
Pfingstberg	Orschwihr
Spiegel	Bergholtz, Guebwiller
Kessler	Guebwiller
Kitterlé	Guebwiller
Saering	Guebwiller
Ollwiller	Wuenheim
Rangen	Thann, Vieux-Thann


CHASSELAS
CHARDONNAY
MUSCAT VARIETIES
PINOT BLANC
SILVANER
PINOT NOIR
AUXXEROIS
SAVAGNIN ROSE (KLEVENER DE HEILGENSTEIN)
SEYVAL BLANC
RIESLING
GEWÜRZTRAMINER
PINOT GRIS
ALSACE
WINE VARIETIES
DISTRIBUTION OF
PLANTINGS
(2010)
WINE FOLLY