Fermentation Plan

Client and vintage

Technology and products recommended by Springer Oenologie / Portavin

Yeast Selection

Parameters

Variety	
Style	
Alcohol Potential % v/v (maximum)	
Alcohol Potential % v/v (ideal)	
Fermention temperature °C (min -max)	
Fermention temperature °C (ideal range)	
Yeast selected	
Rehydration	see protocol / technical data sheet
Innoculation rate	200 mg/l

Nutrient Plan

Juice/must analysis	**Result**			**Comment**
Sugar as ° Brix	*x*	#VALUE!	% v/v	Alcohol Potential
				*
Turbidity as NTU	*x*			**
YAN (mg/l)	*x*			
Target YAN (mg/l)	x	#VALUE!	mg/l	YAN shortfall
Additions and Timing				
Before yeast innoculation		x	mg/l	Whites - Springcell or Springarom
		x	mg/l	Reds - Springcell Color ***
Phase 1		#VALUE!	mg/l	DAP addition (21% YAN)
At yeast innoculation		#VALUE!	mg/l	Bioferm addition as equal dose
Phase 2				
After yeast innoculation (24-48 hrs)		10	mg/l	Oxygenation
Phase 3				
Between 1/3 and 1/2 fermentation complete		x	mg/l	Bioferm addition or
		x	mg/l	Bioferm Extrem addition (10%YAN)
		x	mg/l	DAP addition only if required
		x	mg/l	Springcell only if required

Notes

Observe potential alcohol limits and temperature range guidelines.

* Alcohol % potential must be < max, if potential alcohol is > ideal add 50 mg/l of each nutrient and 200 mg/l Springcell at phase 3.

** If turbidity for white juice is < 50 ntu use 200 mg/l Springcell, for aromatic whites use 300 mg/l Springarom.

*** If red wines requires colour stabilisation or structure/mouthfeel enhancement use 300 mg/l Springcell Color

Phase1 adjustment is 50% of YAN shorfall if required.

Phase 2 oxygenation is recommended for all ferments to ~10 mg/l oxygen, use aerative pump over or micro oxygenation if available.

Phase 3 adjustment is the balance of the YAN shortfall.

Instructions

- If the YAN shortfall is 0 add the target YAN rate of Bioferm only at phase 3.
- If the YAN shortfall is <30 mg/l add DAP and Bioferm in equal doses at phase 3.
- If the YAN shortfall is >30 mg/l add 50 % shortfall as DAP and equal dose of Bioferm at phase 1 then add 50 % shortfall as Bioferm Xtrem (max 300 mg/l) and further DAP if required at phase 3.