

Laffort Nutrient Calculator

Goal: produce sufficient yeast biomass, without excess, and preserve a good physiological state of the yeast for the duration of the alcoholic fermentation.

	Total YAN required* mg/L	YAN added 1 st addition mg/L (YAN1)	YAN added 2 ^{sd} addition mg/L (YAN2)
12 % vol	180	150 – Initial YAN	30
13 % vol	190	155 – Initial YAN	35
14 % vol	200	160 – Initial YAN	40
15 % vol	220	170 – Initial YAN	50
16% vol	240	180 – Initial YAN	60

* For low N demanding yeasts

⇒ add 10 mg/L (YAN2) for the average N demanding yeasts

⇒ add 20 mg/L (YAN2) for the high N demanding yeast

Maximum recommended doses

Nutriscart® AROM ≤ 600 mg/L (300 mg/L max at the first add)

Nutriscart® Org ≤ 450 mg/L (300 mg/L max at the first add)

Nutriscart® ≤ 460 mg/L

Thiazote® PH ≤ 500 mg/L (if not Thiazote, then DAP)

YAN CONTRIBUTION at 100 PPM

Nutriscart® adds 15 mg/L

Nutriscart® Org adds 10 mg/L

Nutriscart® AROM adds 14 mg/L

Thiazote® PH adds 21 mg/L