

Lallemand 1-Step Build-Up Cultures

Instructions for Rehydration

Dosage size	Water for Rehydration Phase	Wine for Acclimatization Phase	Wine for Pre-Culture Transfer phase
25 hL	0.65 gallons	0.65 gallons	650 gallons
100 hL	2.6 gallons	2.6 gallons	2,600 gallons
500 hL	13 gallons	13 gallons	13,000 gallons
1,000 hL	26 gallons	26 gallons	26,000 gallons

1. Rehydration Phase

- Mix and dissolve the contents of the activator in the appropriate amount of 20°C(68°F) water (see above).
- Add the contents of the bacteria sachet and dissolve carefully by gentle stirring.
- Wait for 20 minutes.

2. Acclimatization Phase

- Add the water, activator and bacteria mixture prepared in the previous step with wine (see above for appropriate number of gallons). The pH of the wine should be over 3.5 and temperature between 18-25°C(64-77°F).
- Wait for 18 to 24 hours.

3. Pre-Culture Transfer Phase

- Transfer the pre-culture to the balance of wine in the tank.
- Maintain the temperature between 18-25°C(64-77°F).
- Check MLF activity (malic acid degradation) every 2 to 4 days.