

#### **II.2.1.3.1.4 Acidification by cation exchanger treatment**

**Definition:**

Physical partial extraction of cations of the musts to increase titration acidity and actual acidity (decrease in pH). through a cation exchanger.

**Objectives:**

- a) Increase titration acidity and actual acidity (decrease in pH)
- b) Refer to the objectives in the general file *II.2.1.3.1* Acidification

**Prescriptions:**

- a) The treatment will be performed using cation exchange resins regenerated in the acid cycle.
- b) The treatment must be limited to the elimination of excess cations
- c) To avoid the production of fractions of must, the treatment will be performed continuously, with in-line incorporation of the treated must into the original must.
- d) As an alternative, the resin could be directly introduced into the tank of must, in the quantities required, then separated by all appropriate technical methods.
- e) The acidification must be carried under condition that the initial acidity is not raised by more than 54 meq/L. When must and wine are acidified, the cumulative net increase must not exceed 54 meq/L
- f) All operations will be placed under the responsibility of an oenologist or qualified technician
- g) The resins shall comply with the prescriptions of the International Oenological Codex.

**Recommendation of the OIV:**

Admitted