



PRODUCT INFO  
& DATASHEET

## SICOCALCO FRUIT

### Special Hydrated Lime

*for fruit/vegetables conservation in cold storage (for CO<sub>2</sub> absorption)  
and agricultural lime purposes (soil amendment)*

#### SICOCALCO FRUIT IS EFFICIENT

**SICOCALCO FRUIT** absorbs the CO<sub>2</sub> emitted by the fruits while ripening:

#### Advantages:

- \* Nicer fruits: **SICOCALCO FRUIT** by absorbing the CO<sub>2</sub> avoids the "brown spots" on fruits (especially apples and pears).
- \* Heavier fruits: **SICOCALCO FRUIT** reduces the weight losses during storage.

#### 1/ PHYSICAL PROPERTIES

Aspect	Fine white powder odourless
Crystal structure	hexagonal
Tamped apparent density (ISO 787-11)	0.70 g/ml
Poured apparent density (ISO 787-11)	0.45 g/ml
Fineness (dry sieving, ISO 565)	90% < 0.090 mm
Average particle size (Laser-Sympatec Method)	20 microns

#### 2/ CHEMICAL ANALYSIS (on dry)

Ca(OH) <sub>2</sub> tot.	92.00 %
Ca(OH) <sub>2</sub> available (NBN B 13-202)	90.00 %
Loss on ignition (1000°C)	23.10 %
CO <sub>2</sub>	1.50 %
MgO	1.50 %
SiO <sub>2</sub>	1.50 %
Al <sub>2</sub> O <sub>3</sub>	0.25 %
Fe <sub>2</sub> O <sub>3</sub>	0.25 %
Equivalent CaO	68.70 %
H <sub>2</sub> O (L.O.I. at 105°C)	0.50 %

#### SICOCALCO FRUIT IS EASY TO USE

Just put the unopened bags of **SICOCALCO FRUIT** inside your cold storage.

#### 3/ PRACTICAL RECOMMENDATIONS

We recommended using one bag of **SICOCALCO FRUIT** per ton of stored fruit/vegetable.

After its active period in the cold storage, **SICOCALCO FRUIT** can be used for usual agricultural liming purposes.

#### EASY CONSERVATION

**SICOCALCO FRUIT** is a very fine, highly reactive hydrated lime, especially developed for maximal CO<sub>2</sub> absorption in fruit and vegetable cold storage units. The bags of **SICOCALCO FRUIT** are simply placed in the cold rooms as they are.

The bags are made of porous, micro perforated paper ensuring optimal air circulation and CO<sub>2</sub> absorption. They are sufficiently large to allow for the expansion of the lime during absorption. After use, the bag's contents make an excellent fertiliser.

**SICOCALCO FRUIT** is delivered in 20 kg bags, 50 kg bags (1,000 kg) on a non-returnable pallet, shrinkwrapped.

**SICOCALCO FRUIT** is instantly active and bags should not be stored for long periods of time before use.

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**SICO FERTILISERS**  
EVERY TIME THE RIGHT SOLUTION