

LAIKUAJ



LAIKUAJ[®]

LAIKUAJ is a Gibberellic Acid based growth plant regulator for use in several crops and for different purposes.

In general, **LAIKUAJ** has a favourable effect on budding, flowering, ripening, calibre of the fruit and early harvest.

The response to **LAIKUAJ** depends on the species, the variety, the phenological condition, the dosage applied and the environmental conditions. Therefore the instructions of use should be strictly followed.

Plants, dosage and application time

LAIKUAJ is authorised in the following crops and for the applications detailed below:

CROP	Objective	Dosage (ml per 100 litres of water)	Observations
CITRUS	Stimulate budding.	10 ml/hl	When buds measure 1-2 mm
	Induce ripening and improve setting of the fruit in seedless lemon and clementine trees.	20 ml/hl	When the petals fall. Repeat after 3-4 weeks.
	Prevent fruit from falling and improve the skin consistency in clementine trees and other mandarins.	10-20 ml/hl	When the green colour has completely disappeared.
	Avoid excessive flowering in Navelate orange trees.	20 ml/hl	Apply treatment at the beginning of December.
	Reduce excess budding.	20 ml/hl	
PEAR TREES	Improve ripening and prevent fruit from falling in Blanquilla pear trees	30 ml/hl	When 30-60% of flowers are open.
	To heal and prevent damage after frost.	25-50 ml/hl	During the following 48 hours.
GRAPES	Induce lengthening of peduncles in the Macabeo variety.	10-20 ml/hl	Before flower caps fall.
STRAWBERRY	Induce ripening and improve fruit growth.	30 ml/hl	20-30 days before flowering starts.
ARTICHOKE	Induce growth and early harvest.	20-30 ml/hl	Repeat after 20 days.

Application method

- Apply high volume using a leaf spray.
- Do not apply if it rains or the plants are wet.
- Dosage above 0.03% (30 ml per 100 litres of water) should only be used in plants aged more than one year.
- Do not mix with alkaline products.
- Do not exceed the recommended dosage.
- Only apply to healthy plants and at the indicated time.
- Plants treated with **LAIKUAJ** should be fertilised in proportion to their yield, otherwise the plant growth regulator action will be lost and growth may even be delayed.

Pre-harvest interval

There should be a safety interval of at least **15 days** between application and harvest.

TECHNICAL SPECIFICATIONS

LAIKUAJ

PRODUCT	Plant growth regulator, stimulates budding, flowering, fruit-set, sizing, precocity and fix.
ACTIVE INGREDIENT	Gibberellic acid (GA₃): 3,6% w/v (36 g/l)
FORMULATION	Soluble liquid (SL)
CHEMICAL NAME	(3S,3aS,4S,4aS,7S,9aR,9bR, 12S)-7,12-dihydroxy-3-methyl-6-methylene-2-oxoperhydro-4a, 7-methano-9b, 3-propenoazulen[1,2-b]furan-4-carboxylic acid.
CHEMICAL FORMULA	C ₁₉ H ₂₂ O ₆
ASPECT	Yellow transparent liquid
pH	2,9 – 3,9
DENSITY (a 20°C)	0,81 a 0,83 g/ml
SOLUBILITY	Water soluble
ACUTE TOXICITY	LD ₅₀ (oral rats): 4.765 mg/kg LD ₅₀ (dermal rabbits): 9.576 mg/kg
TOXICOLOGICAL CLASSIFICATION	Irritant (Xi), Flammable (F) Dangerous for the environment (N)
ENVIRONMENTAL TOXICITY	Mammalians: A Birds: A Fish: A Bees: Compatible to bees.
PACKING	100 ml and 1 litre

LAINCO, S.A.

Pol. Ind. Can Jardí - Avda. Bizet, 8-12 - 08191 Rubí (Barcelona) - SPAIN

Tel. 93 586 20 15 - Fax 93 586 20 16

E-mail: lainco@lainco.es - <http://www.lainco.es>