



**PRODUCT INFO
& DATASHEET**

SICOGIBB TAB 10%

Gibberellic Acid 10% soluble tablets

PLANT GROWTH REGULATORS

1. PRODUCT SPECIFICATIONS

	<u>Standard</u>	<u>Test results</u>
Active ingredient (GA ₃):	10% min.	10.8%
pH:	5.0 – 7.5	5.6

Appearance: white or almost white tablets of 10 g (+/- 0.25)

2. PRODUCT DESCRIPTION, ACTIVITY & FUNCTIONS

Gibberellic Acid is one of the most widely used plant growth regulators in agriculture, forestry and horticulture. It has following physiological functions: changing male/female ratio of flowers, inducing monogenetic reproduction, stimulating fruit setting and growing, breaking dormance of seeds and accelerating germination, promoting stem elongation, and enlarging leaf surface.

It can help accumulation of metabolites in phloem, activate cambium, inhibit prematuration and retard aging. It can promote the length of the cell and stem and make the leaf bigger. It also promotes the growth of fruit and disturbs the dormancy of seed and changes the proportion between the male and female flowers. It will impact the blooming time and reduce the falling of the flowers and fruit. The externally applied gibberellic acid has the same physiological function when it goes into the plant.

Functions of GA₃

- Adjusts plant height of both parents
- Enhances panicle exertion from the flag leaf
- Increases the duration of floret opening
- Increases the rate of the stigma exertion and lengthens the duration of stigma receptivity to pollen.

3. APPLICATIONS & INSTRUCTIONS FOR USE.

Used a.o. on: Blueberries, cherries (sweet, sour), grapes, grapefruit, Italian prune, lemons, navel oranges, Orlando tangelo, strawberries, artichokes, beans, celery, cotton, lettuce, oats, peas, rice, rhubarb, rye, seed potatoes, soybeans, spinach, sugarcane, tomatoes, fuggle hops and certain grasses etc.

Do not combine with alkaline sprays (lime sulfur)

Crop	Usage (tablets / 100 Litres water)	Application method
Orange	1-2	Apply as a full cover spray. Dosage depends on the rootstock.
Grape	1-3	Apply up to 5 days after berry shatter as a cover spray to wet clusters thoroughly or dip clusters
Potato	0.5	Uncut tubers: Dip tubers for a period of 10 minutes. Leave to fry in a cool place and plant as soon as eye movement is observed.
Flower	2-3	Spraying before blooming
Cotton	1-2	Spraying and pasting at primary flower to full flower stage
Pineapple	4-8	Spraying flowers when blooming 20-30%
Celery	2-10	Spraying surface of leaf 1 time at 2 weeks before harvest
Rice	2-3	Spraying at 2-3 weeks before harvest

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

SAP INTERNATIONAL CORPORATION bvba Krekelenberg 69, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Fax. +32-3-309.19.31 Email : info@sico.be Website : www.sico.be

SICO FERTILISERS
EVERY TIME THE RIGHT SOLUTION



**PRODUCT INFO
& DATASHEET**

Attention:

1. GA3 isn't easy to dissolve in water. Dissolve 85% crystal powder with little alcohol before, then add water to dilute it to the desirable concentration.
2. GA3 is stable in the weaker acid and neutral solution when it decomposes in alkaline solution.
3. It is better to immediate apply after formulating the GA3 solution. Store in dry and cool place.

SHELF LIFE

2 years

PACKING

1 tablet/alum. bag, 10 tablets per box, 50 boxes per carton.

Net content (tablet weight): 10 g (+/- 0.25)