

Gibberellic Acid(GA3)

Advanced producing technology from the United States

Gibberellic acid (GA3) is a very potent hormone whose natural occurrence in plants controls their development. It can help plants overcome dormancy, promote crops germination and premature flowering, promote and speed crops growth, prevent fruit drops, help seedless fruit growth, promote flowering for long day plant in short time. Gibberellic acid can affect safely on stem and root growth of fruits, vegetables and leaf crops.

Gibberellic Acid (GA3)



Product's share of the
global GA3 production

CAS No.: 77-06-5
Molecular Formula: $C_{19}H_{22}O_6$
Molecular Weight: 346.4

TC:
90% GA3
80% GA3

► Functions:

1. Break the dormancy of seed, tuber, bulb and other organs.
2. Accelerate maturity and increase yield. Improve fruit set and size.
3. Elongate and loosen clusters to enhance air circulation and light penetration.
4. Stimulate plant growth and reduce effect of stress.

► Applications:

Crop	Application time	Concentration (ppm)	Application method	Performance & Effect
Potato	Seed handling stage	0.5-1	Seed soaking	Break dormancy. Promote sprouting. Even degree of sprouting.
Soybean		3.5		
Cotton Ginseng		20		
Celery	Seedling stage	20-100	Foliar spray	Increase weight.
Green manure spinach	Growing stage	10-20	Foliar spray	Promote growth and increase production.
Grape	Flowering stage	5-10	Dip inflorescence	Extend inflorescence.
		50-150		Induce seedless.
Citrus		20-50	Spray	Increase set of fruits.
Rice seed		20-30		Promote heading and flowering.
Cotton		20	Foliar spray	Promote flower retention and reduce the falling of cotton balls.
Flowers		700	Daub on flower bud	Premature flowering.
Grape		20-50	Dip cluster	Enlarge fruit.
Pineapple	Flowering stage	40-80	Spray	Increase yield.
Rice		20-30		Increase the thousand seed weight and rice yield.

*The above information in this publication, is, to be best of our knowledge, true but since the conditions of use are beyond our control, the values provided are not to be considered as a warranty. Please conduct small-scale field experiment in prior to mass application. Or consult local agro technician for guidance.