

Florigen is a liquid concentrate obtained through Sanjeevany's Proprietary, multi-stage technology. It aids crop production through improvement of photosynthetic activity, increased chlorophyll concentration in the tissue and increased nutrient uptake through the root system.

The genetic potential of a crop is rarely achieved due to abiotic stress such as heat, cold, drought and excessive UV radiation encountered during the growing season. Abiotic stress disrupts the metabolism of the plant and reduces nutrient absorption translocation. When nutrients are deficient during crucial stages of plant development, such as flowering, fruit set and fruit maturation, yields and crop quality can be dramatically reduced. Through its antioxidant activity, Florigen reduces the impact of abiotic stress, leading to better yields and improved quality of crops.

### Composition

**Auxins**- responsible for promoting root growth and initiating buds  
 Tri Indole Acetic Acid 850.0 micrograms/Kg.  
 Laminarin 1.0 to 1.8%  
 Mannitol 1.6 to 3.2%  
 Protein 13 to 18%  
 Crude Fibre 19 to 27.4%

**Cytokinins**- compounds responsible for cell division and elongation in plants  
 Trans Zeatin Riboside (ZR) 12.00+/-1.0 micrograms/Kg.  
 Isopentenyl Adenosine (IPA) 8.00+/-1.0 micrograms/Kg.  
 Trans Zeatin (Z) 0.07+/-0.3 micrograms/Kg.  
 Isopentenyl Adenine (IP) 19.00+/-1.5 micrograms/Kg

**Dose:** 2 ml add in 1 lit water.

### Minerals and Trace Elements %

N-	1.3	Mn-	8.9 ppm
P-	0.26	Cu-	8.5 ppm
K-	3.36/5.2		
Ca-	1.3	Zn-	29 ppm
Mg-	0.99	Mo-	0.13 ppm
Na-	1.45/4.5	B-	130 ppm
S-	1.3	Co-	0.14 ppm
Cl-	5.87	I-	0.25 ppm

### Vitamins

A (Retinol)	150 IU/Kg	B6 (Pyridoxene)	230 mcg/kg
B1 (Thiamine)	200 mcg/kg	C (Ascorbic Acid)	10.0 mg/kg
B2 (Riboflavin)	2.5 mg/kg	E (Tocopherol)	6.4 mg/kg
B3 (Niacin)	23.0 mg/kg	Choline	275 mg/kg
Pantotene	7.0 mg/kg	Carotrene	42 mg/kg

Foliar Nutritional Supplement for Optimizing Crop Production



Novogene



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Novogene



➔ **Yield booster**

- One of the most imited plant nutrients
- Exclusive formula from Sanjeevany
- Optimizing the utilization of mineral nutrients
- Unparalleled experience of uses from all over the world

➔ **Anti-stress agent**

Florigen helps to preserve crop yield at times of stress.

➔ **Versatile and reliable**

Florigen the choice of worldwide growers for decades.



**The ideal partner for modern agriculture**

Florigen is a top quality partner to the most demanding growers to meet their challenging targets (yield quantity and quality) in a sustainable way.

## → How Florigen works?

Florigen acts through metabolic mechanisms belonging to all plants.

### ACTION 1

Florigen improves the uptake and utilization of nitrogen by **activating** the **enzyme systems GDH-NAD and NR**.

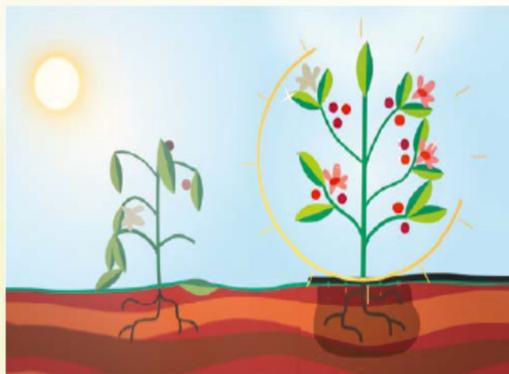
#### Without Florigen



#### With Florigen

### ACTION 2

Florigen activates specific plant genes, so boosting anti-stress reactions for a quicker recovery of plant growth.



## → How to apply Florigen?

The product is applied at 300 ml/acre by foliar application and at 1 lit / acre by root application. It is applied at 7-15 days interval or during critical crop development stages (rooting, flowering, fruit sizing). As anti stress apply before and / or following stress situations.

Florigen is a unique and exclusive Biostimulant from Sanjeevany, a pillar among the Sanjeevany Biosolutions portfolio. It was developed at our Research & Development facilities in India, where dedicated scientists and researchers invent new solutions for farmers.



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