

CIR-190034/2021-GIBBERELIC ACID (WSG) (430)-1355

### **GIBBERELIC ACID 40% WSG**

**( Plant Growth Regulator )**

The formulation contains Gibberellic acid effective as plant growth regulator used in Grape and Paddy.

#### **Recommendation**

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (Liter)	Waiting Period between last spray to harvest (Days)	Re-entry after each Application (In Hours)
		AI (PPM)	Formulation (Gram)			
Grape	Pre-bloom-elongation	40	50	500	-	-
	Fruit setting – thinning	40	50	500	-	-
	6-7 mm berry size enlargement	40	50	500	-	-
Rice	20-25 days after transplanting	20-25	50-62.5	500	-	-
	At panicle emergence	20-25	50-62.5	500	-	-

#### **Direction of Use**

Measure the requisite quantity of the Gibberellic acid 40% WSG and mix it well with small quantity of water with proper stirring using wooden stick and then add the remaining quantity of water as specified while stirring vigorously.

#### **Time of Application**

In grape spray Gibberellic acid 40% WSG at recommended doses before flowering and after fruit setting for proper fruit setting and fruit enlargement.

#### **Precaution**

1. Keep away from foodstuff, empty foodstuff container and animal feedstuff.
2. Avoid inhalation of spray mist and contact with mouth, skin and eye.
3. Wear protective clothing such as mask, goggles, boots while spraying and do not expose to spray drift spray in the direction of wind.
4. Do not blow nozzles with mouth.
5. Clean spray sprayer, buckets and other utensils with water after use.
6. Wash thoroughly the contaminated clothes and parts of the body after spraying.
7. Do not smoke, drink, eat and chew anything while spraying.

#### **Symptoms Of Poisoning**

Nausea, vomiting, stomach pain, giddiness, tremor, headache and skin and eye irritation.

**First Aid**

1. If ingested :- If swallowed, induced vomiting by tickling the back of throat. Seek medical attention, if required.
2. If inhaled :- Move to clean and fresh air. Seek medical attention.
3. In case of skin contact :- Wash thoroughly the affected part of body and cloths with soap and plenty of water. seek medical attention.
4. In case of eye contact :- Flush with copious amount of water. If irritation persists, seek medical attention.

**Phytotoxicity**

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**Antidote**

No specific antidote. Treat symptomatically.

**Disposal Of Used Container**

1. The packages or surplus materials and washings from the machine and container shall be disposed off in a safe manner so as to prevent environment and water pollution.
2. The used packages shall not be left outside to prevent the re-use.
3. Packages shall be broken and buried away from habitation.

**Storage Conditions**

1. The packages containing Gibberellic acid 40% WSG should be stored in original packaging and separate rooms or premises away from the rooms or premises used for storing other articles specially food stuff. It should be kept in separate almirah under lock and key depending upon the quantity and nature.
2. The rooms or premises meant for storing Gibberellic acid 40% WSG should be well lit, well built, cool and ventilated and of sufficient dimension to avoid contamination with vapour.

**Chemical Composition:**

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Gibberellic acid a.i.	40.00 % w/w
Polysorbate 20	01.50 % w/w
Polyvinylpyrrolidone Agrimer 30	01.00 % w/w
Lactose	Q.S. %

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**Total: 100.000% w/w**

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