



F.No. 455786-F/9(4)2024

भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय

Ministry of Agriculture & Farmers Welfare

कृषि एवं किसान कल्याण विभाग

Department of Agriculture & Farmers Welfare

वनस्पति संरक्षण, संगरोध एवं संग्रह निदेशालय

Directorate of Plant Protection, Quarantine & Storage

केंद्रीय कीटनाशी बोर्ड एवं पंजीकरण समिति

Central Insecticides Board and Registration Committee

एन. एच. 4, फरीदाबाद (हरियाणा)-121001

N.H. IV, FARIDABAD (HARYANA)-121001

**CERTIFICATE OF REGISTRATION UNDER SECTION 9(4) OF THE INSECTICIDES ACT, 1968.**

Certified that the Plant Growth Regulator Forchlorfenuron( CPPU) 0.1% w/v liquid has been registered under section 9(4) of the Act in the name of the Person/Undertaking whose particulars are specified below:-

1. Name of the person/Undertaking : M/sSAHAJ AGROCHEM INDUSTRIES,SF 37, Earth Alpha, Vasna Road, Vadodara- 390007 (Gujarat),Gujarat,Vadodara,Vadodara,390007
2. Address of the manufacturing premises : 19/D, Raj Industrial Park, Karchiya, Savli, Vadodara - 391310 (Gujarat) .
3. Registration Number : CIR-346960/2025-Forchlorfenuron( CPPU) (liquid) (461)-264
4. Name of the Insecticide : Forchlorfenuron( CPPU) 0.1% w/v liquid

**5. CONDITIONS :**

- i. The insecticide shall be manufactured indigenously.
- ii. The registration is subject to the strict compliance of various provisions of the Insecticides Act,1968 as amended from time to time and Rules, bye-laws framed and notifications issued thereunder and as amended from time to time.
- iii. The registration certificate is further subject to such conditions which may be varied and specified from time to time by the Registration Committee under section 9(3c).
- iv. The registration Certificate holder shall strictly comply with the condition and amendments thereof set out in this certificate of registration (CR) including label and leaflets. Non-compliance of the condition set out herein before and hereinafter will entail action under section 17 of the Act.

- v. The insecticide shall have the composition (kind, name and percentage of the ingredients) as given below :-

S.No	Component	Component Desc.	Content (% w/w)
1	Forchlorfenuron (CPPU) a.i.		0.1 % w/v
2	Emulsifier(Ethoxylated Caster Oil)		5.00 % w/v
3	Solvent (Ethyl alcohol)		Q.S % w/v
Total			1000 % w/v

- vi. The insecticides shall contain the maximum impurities as quantified/identified and submitted to the

#### **Registration Committee.**

- vii. The Product shall confirm to the specification submitted by you and also to the IS vide No. and amendment thereof as and when the same are formulated and published.
- viii. A sample quantity of the insecticide being registered along with a small quantity of reference analytical standard should be sent to the Director, Central Insecticides Laboratory, Directorate of Plant Protection, Quarantine & Storage, N.H. IV, Faridabad, as and when required, for verification.
- ix. A copy, each of the approved label and leaflet is enclosed. No change, addition, alteration, modification or deletion with respect to the inscriptions on the labels/leaflets shall be done without the prior approval of the Registration Committee.
- x. The labels and leaflets shall be printed by using letters that are BOLD enough for a man of ordinary/normal vision to read them without any external help.
- xi. The Registration Committee does not itself responsible for the use of trade name by you. The use of the trade name shall be regulated as per the existing laws on the subject.
- xii. The license should be granted subject to the conditions that the licensee shall comply with the provisions of the Act and the Rules made thereunder and the conditions of registration for the time being in force.
- xiii. No license to manufacture an insecticide shall be granted unless the licensing officer is satisfied that necessary plant and machinery, safety devices, first-aid facilities, quality control measures, the requirement laid down under Chapter VIII of the Rules, etc. exist in the premises where the insecticide is proposed to be manufactured.
- xiv. The shelf-life of the insecticide shall be 2 year(s) .
- xv. Inspection of the manufacturing unit should be undertaken to collect in-process samples of the insecticides. The samples should be analyzed to verify the claims made by the licensee relating to chemical parameters, and the report thereof should be submitted to the Registration Secretariat within a period of six months.
- xvi. No export should take place in contravention to the provisions of the Rotterdam Convention on prior informed consent procedure for certain hazardous chemicals and pesticides in international trade.
- xvii. If a pesticide is banned or severely restricted in India, before exporting such pesticide, permission from Designated National Authority for Pesticide of the Country under Rotterdam Convention may be obtained.
- xviii. Health records of Industrial workers may be maintained in Appendix E (conditions) of Form-III as prescribed in the Insecticides Rules 1971. In case any untoward/adverse effect is noticed, then the same may be reported to Registration Secretariat by the Licensing Officer.
- xix. The registrant shall have to commence actual production of the pesticide within three years from the date of issue of registration certificate and is required to produce a certificate from the concerned State/UT Governments as a proof of production, failing which the certificate of registration shall automatically lapse.
- xx. In case of export, the packaging shall be as per the requirement of the importing country and conforming to IMDG guidelines.
- xxi. The registrant has to submit detail of Import/Export or indigenous manufacturing (as the case may be) of this pesticide month wise mandatory to the Secretariat of CIB&RC as the case maybe. In case non compliance of this condition is observed this CR shall be canceled immediately without any Notice.
- xxii. The product is registered for domestic use as well as for Export.
- xxiii. The product is registered for domestic as well as for export and in case of export primary packaging shall be as per the requirement of importing country.
- xxiv. The registrant is required to use the label and leaflets as per GSR 355(E) dated 04.06.2020 and applicable Insecticides Rules. The Issuance of the Certificate of Registration is strictly subject to the outcome of the W.P(C) No. 4136/2020 and W.P(C) No. 4137/2020.

#### **Specific Conditions**

The Plant Growth Regulator shall be used in grapevines for increasing the yield. The product shall not be used on any other crop(s) without prior approval of Registration Committee. HDPE bottle of 500 ml & 1 Lit. capacity as per IS: 9754-1981 shall be the primary pack closed by heat sealing using HDPE plug and ROPP cap. Each primary pack shall be inserted in LDPE bag of thickness 0.062 mm of suitable size to contain the leaking material, if any. CFB boxes as per IS: 2771-(Part-I)1990 of maximum capacity of 10 Kg. shall be the transport packaging. No other packing shall be used without the approval of Registration Committee.

Dated: 24/02/2025

Copy to: The Director of Agriculture ,Gujarat



**Dr. Archana Sinha**  
Secretary  
Central Insecticides Board  
and Registration Committee

**Note :-**

The Labels and leaflets have been generated through newly created data bank. Notwithstanding diligence exercised in creation of the data bank, the possibility of errors creeping into labels and leaflets cannot be ruled out. The same is subjected to necessary corrections.

Signature valid

Digitally signed by Archana Sinha  
Date: 2025.02.28 16:20:44  
Location: CIB&RC,NH4,CGO  
Complex,Faridabad.  
Designation: Secretary (CIB&RC)



## Label Details

### Chemical Composition

S.No	Ingredient	Description	Weight
1	Forchlorfenuron (CPPU) a.i.		0.1 % w/v
2	Emulsifier(Ethoxylated Caster Oil)		5.00 % w/v
3	Solvent (Ethyl alcohol)		Q.S % w/v
Total			1000 % w/v

### Direction Of Use

### Precautions

1. Avoid inhalation and contact with skin and eyes. When using, do not eat, drink or smoke. When using, wear protective clothing i.e.overall, rubber gloves, boots, goggles. 2. Wash protective clothing daily. Wash hand and face with soap and water before breaks and immediately after handling the product. 3. Do not drink alcoholic beverages prior to, during and up to 24 hours after handling the product. Destroy empty containers after use.

### Antidote

Treat symptomatically.

CIR-346960/2025-Forchlorfenuron( CPPU)

(liquid) (461)-264

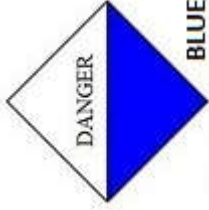
Forchlorfenuron( CPPU) 0.1% w/v liquid

( Plant Growth Regulator)

फोरक्लोर्फेन्यूरोन (सीपीपीयू) 0.1 प्रतिशत

भार/वजन तरल

( पौध विकास नियन्त्रक)



बच्चों की पहुँच से दूर रखें

Keep out of reach of children.

सूखी और ठण्डी जगह पर आग से दूर रखें

Keep in cool,dry place away from heat and open flame.

Regn.No

रजि. नं.

Mfg.Lic.No

मैनयु ला. नं.

Batch No.

बैच नं.

रासायनिक संरचना

क्रमांक	घटक	विवरण	वजन
1	फोरक्लोर्फेन्यूरोन (सीपीपीयू) स.त.		0.1 % भार/आयतन
2	ईमल्सीफायर (ईथोक्सीलोटेड कॉस्टर ऑयल)		5.00 % भार/आयतन
3	सोल्वेंट (ईथायल एल्कोहल)		पर्याप्त मात्रा %
			कुल 1000 % w/w

उपयोग के लिए दिशा-निर्देश

प्रयोगकर्ताओं के लिए सावधानियां

1. त्वचा और आंखों के सम्पर्क से बचायें। घोल के फुहारो को सांस द्वारा अन्दर जाने से बचायें। प्रयोग करते समय के समय धूम्रपान, खाना, पीना नहीं चाहिए। 2. छिड़काव से बचाने के कपड़ो को रोज धोये। छिड़काव के बाद दूषित कपड़ों और शरीर के अंगो को अच्छी तरह धोएं। 3. प्रयोग

<p><b><u>First Aid</u></b></p> <p>1. If inhaled remove the patient into fresh air. 2. If swallowed induce vomiting by tickling back of throat. 3. Remove contaminated clothes, wash contaminated skin and clothes with soap and plenty of water.</p> <p><b><u>Symptoms</u></b></p> <p>Skin and eye flushing, dizziness, shortness of breath, rapid pulse.</p> <p><b><u>Recommendations</u></b></p> <p>Forchlorfenuron(CPPU) 0.1% Liquid Formulation is a Plant Growth Regulator which is used on Grapes for increasing fruit size.</p> <p><b><u>Manufactured By</u></b></p> <p>M/s SAHAJ AGROCHEM INDUSTRIES</p> <p>SF 37, Earth Alpha, Vasna Road, Vadodara- 390007 (Gujarat)</p> <p><b><u>Manufacturer Premises Address</u></b></p> <p>19/D, Raj Industrial Park, Karchiya, Savli, Vadodara - 391310 (Gujarat)</p>	<p><b>Mfg Date</b></p> <p><b>Exp. Date</b></p> <p><b>Net Content / Volume</b></p> <p><b>Max. Retail Price</b></p>	<p>मैनयु, ता. _____</p> <p>खत्म होने की _____</p> <p>तारीख _____</p> <p>शुद् भार, _____</p> <p>आयतन _____</p> <p>अधिकतम _____</p> <p>खुदरा मूल्य _____</p>	<p>के पूर्व, प्रयोग के समय या प्रयोग के बाद 24 घंटे तक मंदिरापान नहीं करना चाहिए। प्रयोग के बाद खाली डिब्बो को नष्ट करें।</p> <p><b><u>विष नाशक</u></b></p> <p>लक्षणानुसार इलाज करें।</p> <p><b><u>प्राथमिक चिकित्सा</u></b></p> <p>1. यदि सांस दारा अन्दर गया हो तो रोगी को शुद हवा में ला जाये। 2. यदि आँखे दूषित हो जाए तो उनको काफी मात्रा में सैलाइन/साफ पानी में लगभग 10-15 मिनट तक धोएं। 3. यदि कपडे और त्वचा दूषित हो जाए तो दूषित कपडों को उतार दे दूषित त्वचा को काफी मात्रा में साबुन और पानी से धोएं । 4. यदि निगल जाये तो गले के पीछे गुदगुदी करके उलटी कराए ।</p> <p><b><u>लक्षण</u></b></p> <p>चक्कर आना, त्वचा और आंखों मे जलन, सिरदर्द, सांस लेने मे कष्ट और नब्ज का तेज चलना जैसे प्रभाव हो सकते हैं।</p> <p><b><u>उपयोग</u></b></p> <p>फोरक्लोरफेन्यूरोन (सीपीपीयू) 0.1 प्रतिशत तरल सरचना एक पौध विकास नियन्त्रक है जिसका उपयोग अंगूरो पर</p>
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फल के आकार को बढ़ाने के लिए किया जाता है।

**निर्माता**

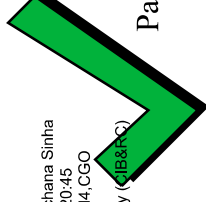
अंग्रेजी में लिखे अनुसार

**आयात कर्ता का उत्पादन परिसर**

अंग्रेजी में लिखे अनुसार

Signature valid

Digitally signed by Archana Sinha  
Date: 2025.02.28 16:20:45  
Location: CIB&RC-NH4, CGO  
Complex, Faridabad,  
Designation: Secretary (CIB&RC)



### **Leaflet Details**

**CIR-346960/2025-Forchlorfenuron( CPPU) (liquid) (461)-264**  
**Forchlorfenuron( CPPU) 0.1% w/v liquid**  
**( Plant Growth Regulator)**

**Forchlorfenuron(CPPU) 0.1% Liquid Formulation is a Plant Growth Regulator which is used on Grapes for increasing fruit size.**

### **Recommendation**

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (Ltr.)	Waiting Period between last spray to harvest (in days).	Re-entry after each Application (In Hours)
		AI (ppm)	Formulation (Ltr.)			
Grapes	To increase fruit size	2	1	500	60	

### **Direction Of Use**

Preparation of Solution: For desired concentration dissolve 20 ml of formulation product in 10 litres of water. No. of applications: Total two dipping applications.

### **Time of Application**

1st Treatment: When the size of berry is 3-4 mm diameter, dip complete Grape Berry Bunch in the solution. 2nd Treatment: When the size of berry is 6-7 mm diameter, dip complete Grape Berry Bunch in the solution.

### **Precautions**

1. Avoid inhalation and contact with skin and eyes. When using, do not eat, drink or smoke. When using, wear protective clothing i.e.overall, rubber gloves, boots, goggles. 2. Wash protective clothing daily. Wash hand and face with soap and water before breaks and immediately after handling the product. 3. Do not drink alcoholic beverages prior to, during and up to 24 hours after handling the product. Destroy empty containers after use.

### **Symptoms Of Poisoning**

Skin and eye flushing, headache, dizziness, shortness of breath, rapid pulse.

### **First Aid**

1. If inhaled remove the patient into fresh air. 2. If swallowed induce vomiting by tickling back of throat. 3. Remove contaminated clothes, wash contaminated skin and clothes with soap and plenty of water. 4. If eyes are contaminated, wash for 15 minutes with clean water.

### **Phytotoxicity**

### **Antidote**

Treat symptomatically.

### **Disposal Of Used Container**

1. It shall be the duty of manufacturers, formulators of plant growth regulators and operators to dispose packages or surplus materials and washing in a safe manner so as to prevent environmental or water pollution. 2. The used packages

shall not be left outside to prevent their re-use. 3. The packages shall be broken and buried away from habitation.

### **Storage Conditions**

1. The package containing plant growth regulators shall be stored in separate rooms or premises away from the rooms or premises used for storing other articles or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of the plant growth regulators. 2. The rooms or premises meant for storing plant growth regulators shall be well built, dry, well-lit and ventilated and of sufficient dimension to prevent environmental contamination with vapour of plant growth regulators.

### **Chemical Composition**

S.No	Ingredient	Description	Weight
1	Forchlorfenuron (CPPU) a.i.		0.1 % w/v
2	Emulsifier(Ethoxylated Caster Oil)		5.00 % w/v
3	Solvent (Ethyl alcohol)		Q.S % w/v
Total			1000 % w/v

### **Manufactured By**

M/s SAHAJ AGROCHEM INDUSTRIES

SF 37, Earth Alpha, Vasna Road, Vadodara- 390007 (Gujarat)

### **Manufacturer Premises Address**

19/D, Raj Industrial Park, Karchiya, Savli, Vadodara - 391310 (Gujarat)



## पत्रक विवरण

CIR-346960/2025-Forchlorfenuron( CPPU) (liquid) (461)-264

फोरक्लोरफेन्यूरॉन (सीपीपीयू) 0.1 प्रतिशत भार/वजन तरल

( पौध विकास नियन्त्रक)

फोरक्लोरफेन्यूरॉन (सीपीपीयू) 0.1 प्रतिशत तरल सरचना एक पौध विकास नियन्त्रक है जिसका उपयोग अंगूरो पर फल के आकार को बढ़ाने के लिए किया जाता है।

### उपयोग

फसल	कीट के नाम	प्रति हैक्टेयर मात्रा		पानी की मात्रा (ली.)	अन्तिम छिड़काव तथा फसल काटने के बीच अन्तराल (दिनो मे)	पुनः प्रवेश की अवधि प्रत्येक छिड़काव के बाद ( घंटे)
		स. तत्व (पीपीएम)	सरचना (ली.)			
अंगूर	फलो का आकार को बढ़ाने के लिए	2	1	500	60	

### उपयोग के लिए दिशा-निर्देश

घोल तैयार करना: 20 मि.ली. फारम्यूलेशन को 10 लीटर पानी में घोलें। उपयोग की संख्या: कुल दो बार डुबोकर प्रयोग करें।

### प्रयोग का समय

पहला उपयोग- जब फल का आकार 3-4 मि.मी व्यास का हो और दूसरा उपयोग- जब फल का आकार 6-7 मि.मी व्यास का हो तब पूरा अंगूर का गुच्छा सोल्यूशन में भिगोएं।

### प्रयोगकर्ताओं के लिए सावधानियां

- त्वचा और आंखों के सम्पर्क से बचायें। घोल के फुहारो को सांस द्वारा अन्दर जाने से बचायें। प्रयोग करते समय के समय धूम्रपान, खाना, पीना नहीं चाहिए।
- छिड़काव से बचाने के कपड़ो को रोज धोये। छिड़काव के बाद दूषित कपड़ों और शरीर के अंगो को अच्छी तरह धोएं।
- प्रयोग के पूर्व, प्रयोग के समय या प्रयोग के बाद 24 घटें तक मदिरापान नहीं करना चाहिए। प्रयोग के बाद खाली डिब्बो को नष्ट करें।

### विष के लक्षण

चक्कर आना, त्वचा और आंखों में जलन, सिरदर्द, सांस लेने में कष्ट और नब्ज का तेज चलना जैसे प्रभाव हो सकते हैं।

## प्राथमिक चिकित्सा

1. यदि सांस द्वारा अन्दर गया हो तो रोगी को शुद्ध हवा में ला जाये।
2. यदि आँखें दूषित हो जाएं तो उनको काफी मात्रा में सैलाइन/साफ पानी में लगभग 10-15 मिनट तक धोएं।
3. यदि कपड़े और त्वचा दूषित हो जाएं तो दूषित कपड़ों को उतार दे दूषित त्वचा को काफी मात्रा में साबुन और पानी से धोएं ।
4. यदि निगल जाये तो गले के पीछे गुदगुदी करके उल्टी कराएं ।

## पौधविशाक्तता

### विष नाशक

लक्षणानुसार इलाज करें।

### खाली डिब्बों का निपटारा

1. यह पौधविकास वर्धक निर्माता तथा उपयोगकर्ता का कर्तव्य है कि वह बची हुई पौधविकास वर्धक का घोल एवं पात्र का निपटारा सुरक्षित ढंग से करे जिससे वातावरण या पानी प्रदूषित न हो ।
2. उपयोग किए गए पात्रों को बाहर न फेंके जिससे उनका दुबारा प्रयोग न हो ।
3. उपयोग किए गए पात्रों को तोड़कर आबादी से दूर जमीन में गाड़ दें ।

### संग्रहण की शर्तें

1. पौधविकास वर्धक रखे हुए डिब्बों/पैकेजिंग को अलग कमरों या जगहों में उन कमरों या जगहों, जिनमें अन्य वस्तुएं रखी जाती हैं, उनसे दूर रखना चाहिए या अलग अलमारियों में ताला-चाबी लगाकर पौधविकास वर्धक की प्रमाण व प्रकार के हिसाब से रखें ।
2. जिस कमरे या अलमारी में पौधविकास वर्धक का भंडारण करना हो वह अच्छी तरह बना हुआ, सूखा, प्रकाशमय, हवादार तथा पर्याप्त आकार का होना चाहिए।

### रासायनिक संरचना

क्रमांक	घटक	विवरण	वजन
1	फोरक्लोरफेन्यूरोन (सीपीपीयू) स.त.		0.1 % भार/आयतन
2	ईमल्सीफायर (ईथोक्सीलोटेड कॉस्टर ऑयल)		5.00 % भार/आयतन
3	सोल्वेंट (ईथायल एल्कोहल)		पर्याप्त मात्रा % भार/आयतन
कुल			1000 % w/w

### निर्माता

अंग्रेजी में लिखे अनुसार

उत्पादन परिसर

अंग्रेजी में लिखे अनुसार

455786-F/9(4)2024

Caution: "Not to Be Used on Crops Other Than Specified on This Label/Leaflet".

Signature valid

Digitally signed by Archana Sinha  
Date: 2025.02.28 16:20:47  
Location: CIB&RC,NH4,CGO  
Complex,Faridabad.  
Designation: Secretary (CIB&RC)



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