



**AARKA**  
CONCENTRATE

A natural cost-effective solution for repelling insects and eliminating fungal, viral, and bacterial diseases from your farm



*Manufactured by*

FABORRG



# 100% NATURAL

## **What is AARKA made of?**

AARKA is made of 95% concentrated residue of Calotropis, which is mixed with 5% of various Ayurvedic plants that repel pests and boost the growth, and immunity of the plants. The additional plants include notchy, neem, hadjod, eucalyptus, papaya leaves, ginger, pine, etc.



# HOW AARKA IS MANUFACTURED?



Calotropis and other natural raw materials are wild-harvested or procured from the neighboring farmers



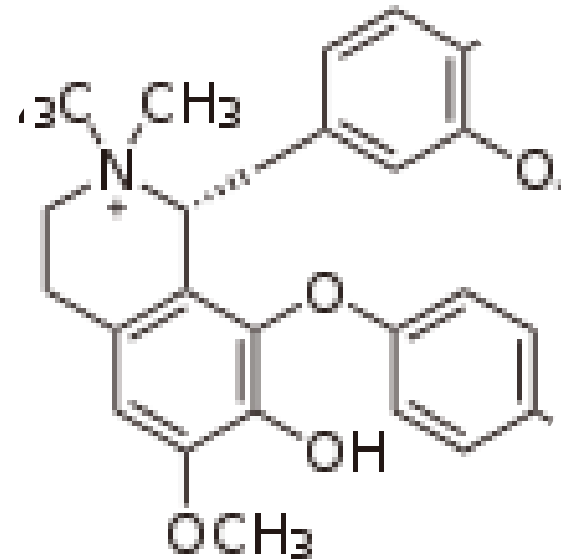
Fibers from the Calotropis plant are extracted and made into a 100% chemical-free vegan wool alternative fabric called WEGANOOL™



The concentrated residue from fiber extraction along with other herbs is converted into fermented plant extract called AARKA



# HOW DOES AARKA WORK?

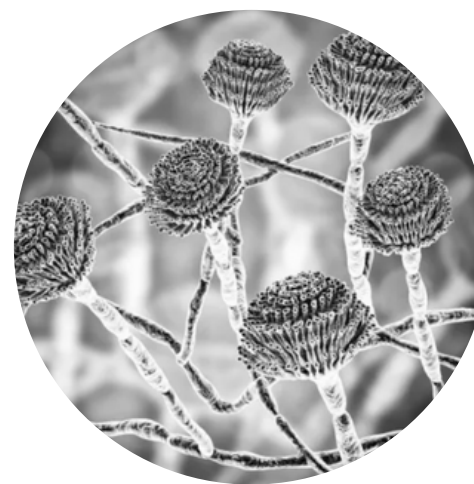


## Alkaloids

AARKA is packed with alkaloids, that are unfavored by many herbivorous insects. Alkaloids create indigestion for insects and make them leave your crops to look for better food source.

## Larvicidal properties

Calotropis plant extract activates a larvicidal activity toward young larvas for a wide range of insects.



## Anti-fungal, -bactirial and -viral properties

AARKA is a one-stop solution to a wide range of fungal, viral, or bacterial-related problems on the farm.



Does not matter if you are already practicing natural farming or just starting with it - AARKA will work at any stage!

## TRANSITIONING FROM CHEMICAL TO NATURAL FARMING

AARKA **DOES NOT** replace the requirements for organic content, microorganisms, and nutrients like N, P, K, etc. in the soil!



AARKA has replaced nearly  
**100 metric tonnes**  
of pesticides and delivered  
excellent results on  
**55+ crops**



Coconut, Cashew, Tomato,  
Cucumber, Mango, Banana,  
Papaya, Dragon Fruit,  
Lemon, Orange, Guava,  
Avocado, Murengai  
(Drumstick), Areca Nut,  
Turkey Berry, Passion Fruit,  
Coffee, Pepper

Cardamom, Sugarcane,  
Rice, Urad Daal, Pearl  
Millet, Finger Millet, French  
Beans, Mung Beans, Flat  
Beans (Avarakkai)  
Marigold, Tuberose,  
Sampangi, Rose, Jasmine,  
Cotton

Watermelon, Melon,  
Strawberry, Chilies,  
Spinach, Peanuts, Potato,  
Carrots, Turmeric,  
Cauliflower, Onion,  
Cabbage, Brinjal, Bitter  
Guard, Beatle Leaf, Long  
Guard, Bottle Guard,  
Zucchini

**RICE FARM**  
Visible result in  
**24 HOURS**



**Cardamom**



**Coffee**



**Sugarcane\***



**Tea**

## AARKA DILUTION WITH WATER & APPLICATION INSTRUCTIONS FOR CARDAMOM, COFFEE, TEA & SUGARCANE

### **Dilution for spraying - 1:60**

**Instruction:** Perform the first 3 sprays in 10 days intervals, then spray once in 20 days. \*Sugarcane requires 2- 3 sprays in 15 days intervals beginning of the crop season.

### **Dilution for soil denching - 1:60**

**Instruction:** Drench the soil once a month. 2-3 liters of AARKA per acre diluted with water.





## AARKA DILUTION WITH WATER & APPLICATION INSTRUCTIONS FOR FRUITING TREES

### **Dilution for spraying - 1:60**

**Instruction:** Spray the flowers, leaves, and stems thoroughly. It will protect the plant from leaf miners, leaf eaters, and stem borers. Spray every 10-15 days at the time of flowering, otherwise once a month would prevent larger infestation.

### **Dilution for soil denching - 1:60**

**Instruction:** Pour 5 liters of the mixture to each plant closer to the root to prevent any fungal or viral infection. It also boosts cell division and improves the immunity of the plant. Best to do it in the rainy season - before and during the flowering (at least twice a year!) The alkaloids stay active in wet soil, therefore protecting plants and preventing any kind of fungal diseases whole winter.



# AARKA DILUTION WITH WATER & APPLICATION INSTRUCTIONS FOR OTHER CROPS

## **Dilution for spraying - 1:60**

**Instruction:** Spray once in 10-15 days during the crop season. Minimum 6 times for the best results. In case of very high infestation increase the dosage to 1:30 once a week for 2-3 sprays to control the infestation.


## **Dilution for soil denching - 1:60**

**Instructions:** Once or twice during the crop season to prevent fungal, viral infection, and nematodes.

\*Soil drenching is not applicable for rice.

Beetle Leaves  
Bitter guard  
Bottle guard  
Brinjal  
Cabbage  
Carrots  
Cauliflower  
Chilies  
Corn  
Cotton  
Dragon Fruit  
Finger Millet  
Flat Beans  
(Avarakkai)  
French Beans  
Jasmine  
Long guard  
Marigold  
Masoor daal

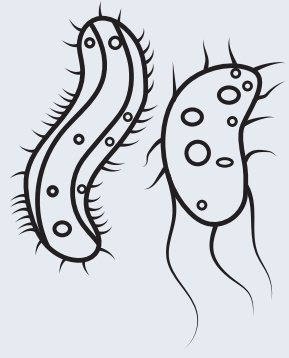
Melon  
Mung beans  
Onion  
Peanuts  
Pearl Millet  
Pepper  
Potato  
Rose  
Sampangi  
Spinach  
Strawberry  
Tomato  
Toor Daal  
Tuberose  
Turmeric  
Urad Daal  
Watermelon  
Zucchini  
Rice\*



# MAKE YOUR OWN ANTI-MICROBIAL COMBO

**Total antimicrobial combo cost per 200 ltr barrel: 260 INR**

	Ingredients	Qty	Cost inr	Total batch qty	Barrel 200 ltrs	
					Dose	Cost
AARKA CONCENTRATE	Calotropis	95%	2050	26 L	3.5 ltr	210 INR
	Ayurvedic herbs	5%				
	<b>TOTAL</b>		<b>2050</b>			
Oil mixtures	Neem oil	500 ml	150	50ltr	1 ltr	13.2 INR
	Mahua oil	500 ml	70			
	Castor oil	500 ml	70			
	Pongamia oil	500 ml	70			
	Water	48 ltr	0			
	Soap nut	2 kg	300			
	<b>TOTAL</b>		<b>660</b>			
Fish aminoacid Preperation time: 40 dasy	Fish waste	20 kg	500	50 ltr	500 ml	21 INR
	Jaggery	20 kg	800			
	Ripe Banana (waste)	20 kg	800			
	<b>TOTAL</b>		<b>2100</b>			
Copper curd mixture Preperation time: 15 dasy	Curd	5 ltr	200	50 ltr	1 ltr	15 INR
	Copper waste	1 kg	500			
	Water	45 ltr	0			
	Jaggery	1 kg	50			
	<b>TOTAL</b>		<b>750</b>			



# INTRODUCE ESSENTIAL MICROBES

In natural farming, bringing back essential microbes (mentioned below) is key. They fix NPK, boost plant health, fight infections, and break down residues of pesticides and fungicides, ensuring a thriving and sustainable agricultural ecosystem.

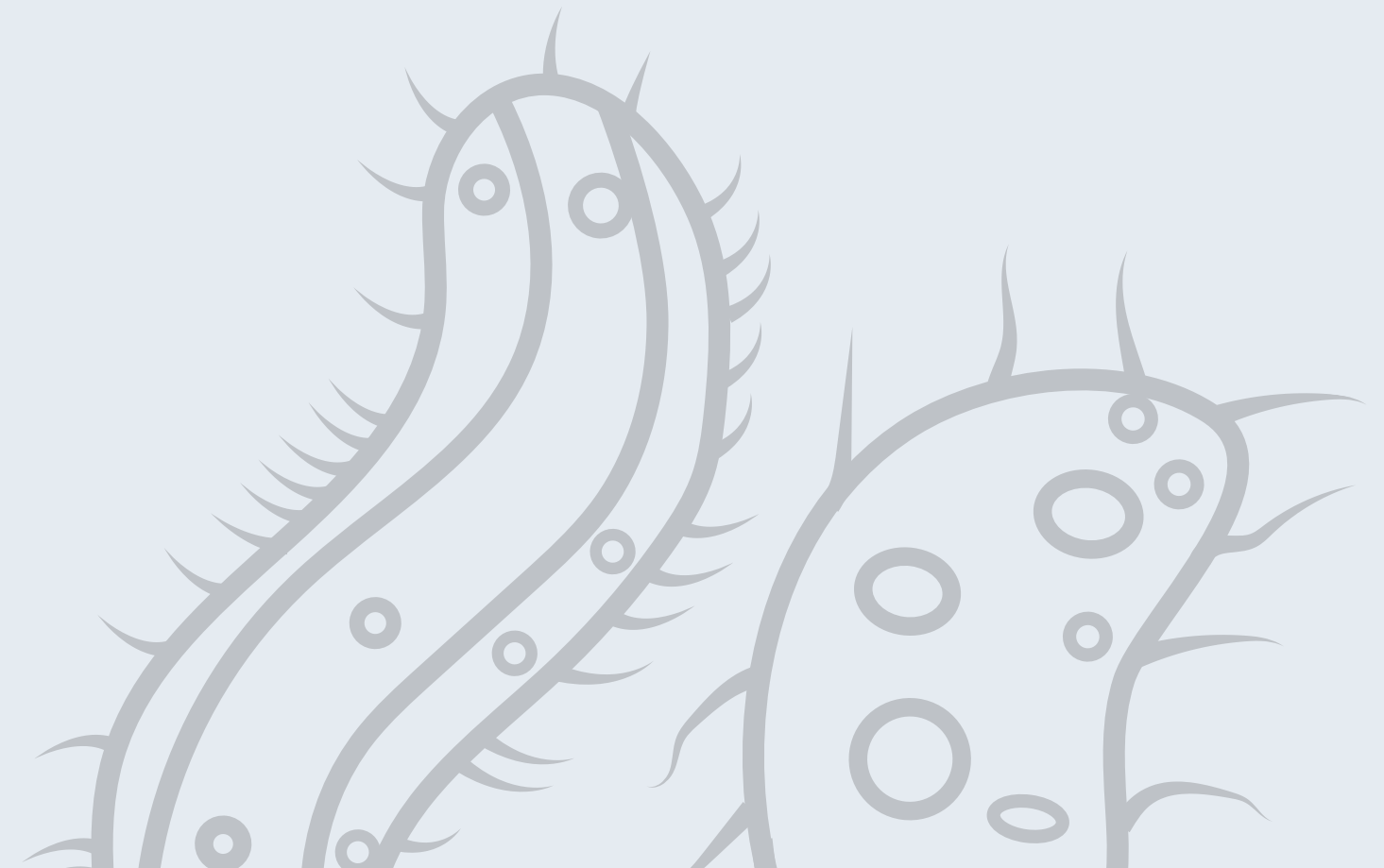
**Trichoderma Viridi, Harzianum, Pseudomonas, Beauveria Bassiana, Verticillium Lecani, Metarhizium, Pokoronia, Baciliomyces, Basillius Turungiancis, Azospirillum, Azotobacter, Phospo Bacteria, Potash bacteria, Rhizobium, Zinc Bacteria, Silica Bacteria, Sulphur Bacteria, Iron Bacteria**

## For the 50 L batch you would require:

1. One liter of each microbial culture
2. 50 L barrel and mug for each essential microbes
3. 2 KG of jaggery and about 45 L of distilled water

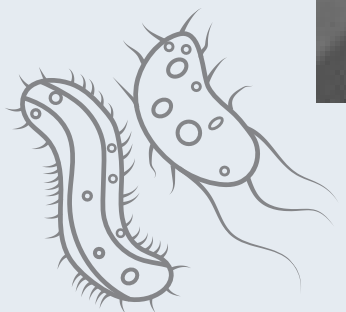
## Preparation:

1. Mix microbial culture, jaggery, and distilled water in the barrel
2. Cover the barrel with the cloth and keep it in the cool, under 33 C
3. Let it ferment for 10 days



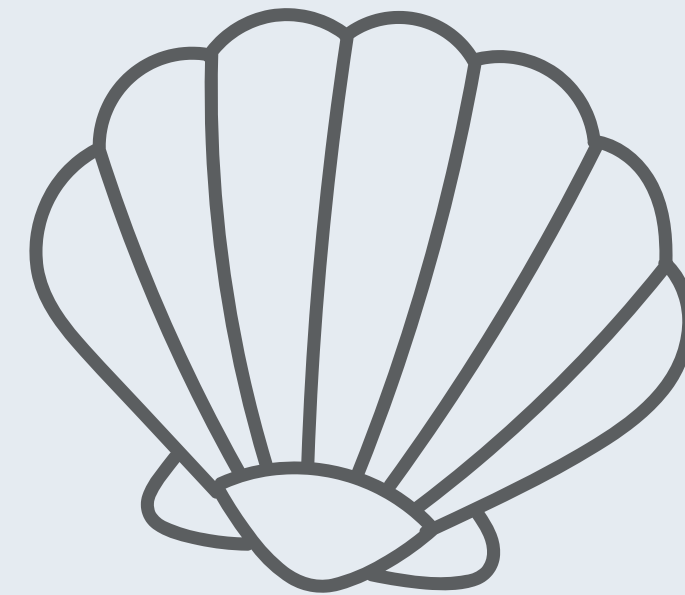


Cost of essential microbes and jaggery per 200 ltr barrel: 108 INR

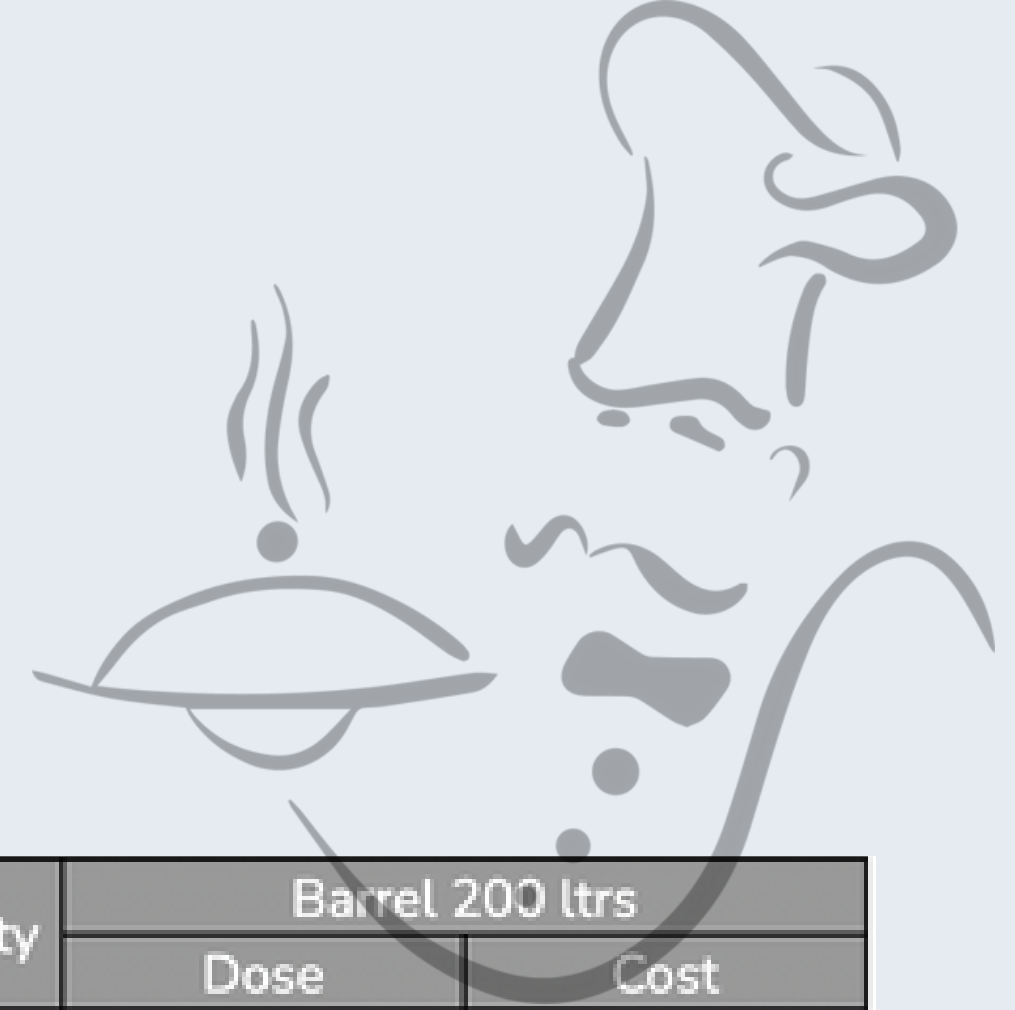


# MAKE YOUR ALKALI TO BALANCE ACIDITY CREATED BY THE MICROBES AND ASSURE NEUTRAL pH OF THE SOIL

	Ingredients	Qty	Cost inr	Total batch qty	Barrel 200 ltrs	
					Dose	Cost
<b>Bio-potash</b> <i>Preperation time: 10 days</i>	Ash	15 KG	75	50 L	1 L to 3 L	1.5 to 4.5 INR
	Rainwater	50 L	0			
<b>Seashell lime</b>	Seashell lime powder	10 KG	200		50g	1 INR



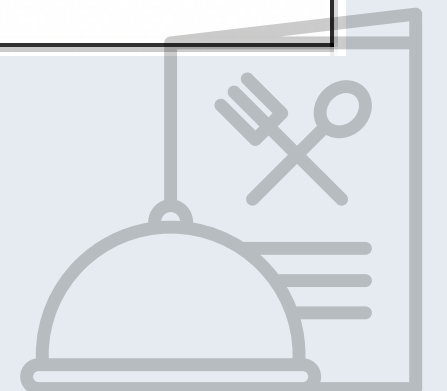
## REMEMBER TO FEED YOUR ESSENTIAL MICROBES!



	Ingredients	Qty	Cost inr	Total batch qty	Barrel 200 ltrs	
					Dose	Cost
<b>Cake mixture</b> <i>Preperation time: 3 days</i>	Peanut cake	2 KG	100	100 LTR	3 to 5 L	21 to 35 INR
	Sesame cake	2 KG	100			
	Coconut cake	2 KG	100			
	Mahua cake	2 KG	100			
	Pongamia cake	2 KG	100			
	Neem cake	2 KG	100			
	Castor cake	2 KG	100			
	Water	100 L	0			
	<b>TOTAL</b>		<b>700</b>			
<b>Rice Water</b> <i>Preperation time: 48h</i>	Rice	1 kg	30	50 LTR	3 to 5 L	1.8 to 3 INR
	Water	50 L	0			
	<b>TOTAL</b>		<b>30</b>			

Curd and Coconut milk mixture <i>Preperation time: 10 days</i>	Curd	5L	200	50 LTR	1 to 3 L	6.2 to 18.6 INR
	Coconut milk	5L	60			
	Water	40 L	0			
	Jaggery	1 KG	50			
	<b>TOTAL</b>		<b>310</b>			
Panchakaviya <i>Preperation time: 30 days</i>	Desi cow dunk	12.5 KG	0	50 Ltr	1 L	37 INR
	Desi cow urine	7.5 L	0			
	Cow's milk	7.5 L	350			
	Cow's ghee	2.5 KG	1200			
	Jaggery	1.25 KG	75			
	Water	12 L	0			
	Ripe banana	30 no	200			
	<b>TOTAL</b>		<b>1825</b>			
Jeevaamirtham <i>Preperation time: 48h</i>	Desi cow dunk	10 KG	0	50 L	1L	4 INR
	Desi cow urine	10 L	0			
	Green gram dhaal powder	1 KG	150			
	Forest soil	1 KG	0			
	Jaggery	1 KG	50			
	Water	25 L	0			
	<b>TOTAL</b>		<b>200</b>			

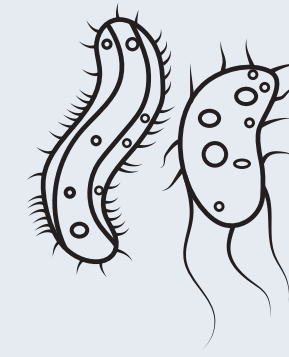
**Total microbial combo cost per 200 ltr barrel: 180 INR**







# APPLY ANTIMICROBIAL AND MICROBIAL COMBOS SEPERATELY



## ANTIMICROBIAL COMBO

1. AARKA CONCENTRATE
2. Oil mixture
3. Fish aminoacid
4. Copper curd mixture

**1st dose  
Antimicrobial  
combo**

**2nd dose  
Microbial  
combo**

**3rd dose  
Antimicrobial  
combo**

**4th dose  
Microbial  
combo**

**5th dose**

## MICROBIAL COMBO

1. Essential microbes
2. Alkali
3. Food for microbes
  - a. Cake mixture
  - b. Rice water
  - c. Curd and coconut milk
  - d. Panchakaviya
  - e. Jeevaamirtham

# NB! AARKA ALSO REPELLS MOSQUITOES

## Easy steps of application



1. Remove all the mosquito breeding areas on your premises
2. Outdoor. Dilute AARKA in a **1:60** ratio with water. Spray the mixture thoroughly on absolutely **ALL SURFACES** like walls, cement areas, plants, and grass, even behind the compound if possible. The bigger the area, the better. Think of it like applying Odomos outdoors.
3. Indoor (optional). Add one cap (5-10ml) of AARKA along with the cleaning agent to the bucket of water. Use this water for cleaning surfaces or mopping.
4. Perform the treatment **ONCE A WEEK** at a convenient time. When needed, repeat the treatment more often or increase the concentration of AARKA in the spray.



## SCIENTIFIC RESEARCH PAPERS ON CALOTROPIS



**Calotropis gigantea – Arka Uses, Dose, Side Effects, Ayurveda Details**

[rb.gy/zvxj2](https://rb.gy/zvxj2)



**Calotropis fibres for Textile Applications**

<https://rb.gy/tjx1x>



**Antibacterial & medicinal properties of calotropis:**

<https://globalresearchonline.net/journalcontents/volume4issue2/Article%20024.pdf>

<https://rb.gy/4wkm8>

<https://www.ijrar.org/papers/IJRAR1AFP027.pdf>

<https://www.researchgate.net/publication/236006006>



**Calotropis dried leafs used as fodder:**

<https://rb.gy/i8cg3>

<https://www.feedipedia.org/node/588>



**Calotropis mosquito larvicidal, ovicidal, and repellent activity**

<http://bdpsjournal.org/index.php/bjp/article/view/468>



### **Nematodes**

[https://www.fortunejournals.com/ijpaes/admin/php/uploads/411\\_pdf.pdf](https://www.fortunejournals.com/ijpaes/admin/php/uploads/411_pdf.pdf)



### **Fusarium**

<https://rb.gy/d41ra>

<https://rebrand.ly/d7ed45>



### **Papaya Melaybug**

<http://www.ijirst.org/articles/IJIRSTV4I1069.pdf>



### **Plutella Xylostella**

<https://rebrand.ly/b26c43>



### **Cotton Leafworm**

<https://rebrand.ly/ugo1xd6>



### **Cotton Bollworm**

<https://rebrand.ly/e49d2c>

<https://rebrand.ly/87wpx89>

<https://rebrand.ly/574d81>





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# AARKA CONCENTRATE

SAVE YOUR MONEY,  
LAND AND HEALTH!

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*Looking forward  
to serve you!*