

HARI AGROTECH

Specification of Approved Items in GEM Universal Category

S. NO.	Items	Description	Model		
1.	Solar insect Trap of 3 watt	<p>1.Solar Panel is of 5 watt, 6 volts. 2.Lamp is of 3 watt with UV LED of 380 NM 3.Battery is of 7.4 volts and 4800 mAh. 4.PCB is with micro control system which light lamp in the evening and shutdown after 4 hours automatically and auto on in the morning 2 hrs before sunrise and shutdown after two hrs. 5.Stand is adjustable & made of M.S. pipe. 6.Having beneficial insect segregation Chamber with 5 mm holes. The height of the chamber is 11" and diameter is 12". Heaving GI plate in the bottom with opening provision . 7.GI Baffles are 3 in number heaving 11" in length and 4.5 " in width. 8.Funnel is 12" in diameter and other side diameter is 2" & weight is 350 gm. 9.Canopy is provided for keeping PCB and battery etc. Hight of canopy is 7". 10. Heaving rain sensor for shut off trap at the time of rain. 11.Trap is packed in two high quality corrugated boxes.</p>	HSLTS-03		
2.	Storage Bin	<p>1.Made of 50 mm GP Sheet. 2.Capacity 100 kg. 3.Height 30" and Diameter is 17.5" 4.Upper breakit 30X5mm. 5.Lower breakit 60X5mm.</p>	HSB-100		

3.	Wheal Hand Hoe	<ol style="list-style-type: none"> 1.Manual operated. 2.having one cutting Blade. 3.Wheal diameter 12". 4.Height is 54". 	HWHH-12		
4.	Battery Operated sprayer	<ol style="list-style-type: none"> 1.Capacity 16 liter. 2.Made of high quality HDPE Plastic. 3.Battery 14.8 volt 11.1 Amp. Lithium ion. 4.Double pumps are fitted. 5.High jet gun. 	HBS-16		
5.	Pheromone Trap for White Grub (Small)	<ol style="list-style-type: none"> 1. Body of Pheromone trap is made of high quality non recycled plastic material. All part of pheromone trap are well finished. 2.Beetle Collection device is made of high quality PET plastic with 28 cm in height and diameter is 10 cm. 3.Upper diameter of funnel is 125 mm and bottom diameter is 45 mm, Height is 100 mm. 4.Vertical plate length is 130 mm. 5.Lure case is made of LD plastic which is fitted in vertical plate. 	HPTWG-R		
6.	Lure of White Grub Beetle	<ol style="list-style-type: none"> 1.Lure is made of Silicon rubber. 2.It is Placed in a plastic bottle of 3. cm height and 1 cm diameter. 4.It is effective up to minimum 7 days. 	HPLWG-R		
7.	Solar Light Trap of 2 watt	<ol style="list-style-type: none"> <u>1.Light Source</u>-U.V. Lamp with 380 NM of 3 watt <u>2.Solar Panel</u>-3 Watt, 6 volt <u>3.Timer</u>-Having feature of auto on in evening and off after 3 Hours. <u>4.Baffle</u>-Fitted with 3 baffles ,Length is 6 inch, width is 3.5 Inches at a angle 120 degree. <u>5.Battery</u>-7.4 volt, 3600 mAh Lithium– ION Battery. 	HSLTR-02		

		<p><u>6.PCB</u>-With micro controller system.</p> <p><u>7.Stand</u>- M.S. pipe stand of 22" in high with M.S. Ring for funnel.</p> <p><u>8.Collection device</u>-Funnel Made of virgin plastic, Funnel diameter is 12" from one side and 2" from other side, Funnel weight is 350 gm., Insect collecting device is fitted in the bottom of the funnel made of nylon.</p> <p><u>9.Packing Box</u>-5 Ply Corrugated box of 12"X12"X26" size.</p>		
8.	Pheromone Trap of White Grub(Large)	<p><u>1.Body</u> -Body of Pheromone Trap is made of high quality plastic.</p> <p><u>2.Funnel</u>-Upper diameter is 12" and lower diameter is 2" and weight is 350 gm.</p> <p><u>3.Baffle</u>-Fitted with 3 baffle with GI polish, The size is 11" in Length and 4.5" in width from the bottom.</p> <p><u>4.Lure Box</u>-3 Lure boxes are installed on all the baffles should also have small holes.</p> <p><u>5.Beetle collection Chamber</u>-it is cone shaped. Height-10",Diameter is 12" with provision of opening and shutting Off.</p> <p><u>6.Top Hanging device</u>-Fitted with hanging device at the top portion of Trap.</p>	HPTWG-L	
9.	Light Trap Electric (Automatic) Safer to beneficial insect	<p><u>1.Light Source</u>-D.C. Lamp of UV LED 65 watt.</p> <p><u>2. Funnel</u>-made of Virgin Plastic, Upper Diameter-12", Lower Diameter-2.2" & weight – 350 gm.</p> <p><u>3.Electronic Component</u>-Transformer with 220 volt input and 12 volt Output, PCB with micro control systems so that lamp shut on in the evening and shut off after 4 hours.</p> <p><u>4.Baffle</u>- 3 no., Length-11" width-4.1/2", angle-120°</p> <p><u>5.Insect Collection Chamber/Filter</u>- Made of HDPE, Cone shaped, pore size 5 mm.</p>	HELT – S	

		<p>Height of filter is 10" Diameter is 12". Small beneficial insect may come out from the pores of filter.</p> <p><u>6.Canopy</u>-Provided for hanging the light trap and to protect the lamp, all electronic component are also installed in the canopy.</p>		
10	Pheromone Trap of Fruit Fly	<ol style="list-style-type: none"> 1. Made of PET plastic 2.Hight of Trap – 11 inch. 3.Diameter of Trap – 4 inch. 4.Hook – Steel hook is provided for hanging the trap and also for putting the Lure. 5.Colour – Transparent 	HPTFF – S	
11	Pheromone Lure of Cucurbits	<ol style="list-style-type: none"> 1.Lure is made of Wood. 2.Pheromone blend is loaded @ 2 mg per block with other chemicals. 3.Effective up to 60 days after installation. 4.Packed in silver pouch. 	HPLC-S	
12	Pheromone Lure of Fruit Fly	<ol style="list-style-type: none"> 1.Lure made of wood . 2.Pheromone blend is loaded @ 2mg. per lure. 3.Effective up to 60 days after installation. 4.Packed in a silver pouch. 	HPLFF-S	
13	Solar Light Trap of 11 watt safer to beneficial insect	<ol style="list-style-type: none"> 1.Battery- Lithium ion battery 7.4 Amp. and 11.1 volts. 2.Lamp- 11watt U.V. LED Lamp. 3.Solar Panel – 20 watt 12 volts 4.Insect filter- For saving small beneficial Insects, made of plastic, with 12" diameter and 5mm holes in the body. 5.Stand- Adjustable, made of M.S. pipes. 6.Electric charger – 12 volt. 2 Amp. 7. Canopy- for keeping PCB and battery and to 	HSLT - 11	

		<p>protect Bulb.</p> <p>8.Buffles – provided 3 buffles of GI sheat 11'' in hight.</p> <p>9.P.C.B. – with Micro controller system. Which light bulb in the evening and Shutt off after 4 hrs and again light on in the morning at 4 am.</p> <p>10.Warrenty – one year.</p>		
14	Light Trap Electric Safer to beneficial insects	<p><u>1.Light Source</u>-Bulb 125 watt Mercury Vapor Lamp of hard glass cover.</p> <p><u>2. Funnel</u>-made of Virgin Plastic, Upper Diameter-12", Lower Diameter-2" & weight – 350 gm.</p> <p><u>3.Baffles</u>- 3 no., Length-11" width-4.5".</p> <p><u>4.Insect Collection Chamber/Filter</u>- Made of HDPE, Cone shaped, pore size 5 mm. for coming out beneficial Insects.</p> <p><u>5.Top hanging Portion (Canopy)</u>- Provided for hanging the light trap and to protect the lamp.</p> <p><u>6. Packing Box</u>-Heavy corrugated cartoon is provided.</p>	HELT- E	
15	Light Trap Battery Operated Safer to beneficial insects	<p><u>1.Light Source</u>-LED Bulb 11 watt.</p> <p><u>2. Funnel</u>-made of Virgin Plastic, Upper Diameter-12", Lower Diameter-2" & weight – 350 gm.</p> <p><u>3.Baffles</u>- 3 no., Length-12" width-4.5".</p> <p><u>4.Insect Collection Chamber/Filter</u>- Made of HDPE, Cone shaped, pore size 5 mm. for coming out beneficial Insects.</p> <p><u>5.Top hanging Portion (Canopy)</u>- Provided for hanging the light trap and to</p>	HBLT - R	

		<p>protect the lamp & for keeping battery and PCB.</p> <p><u>6. Packing Box-</u> Heavy cartoon is provided.</p> <p><u>7.Electronic Device-</u> Micro Control PCB with all safety Features & automatic on in the evening & shut off after 3 hours.</p> <p><u>8.Battery-</u> 7.4 Amp. 11.1 volt Lithium ion battery.</p> <p><u>9.Rain Shade plate-</u> Provided for more light reflection and to protect lamp from rain, with G.I. polish.</p> <p><u>10. Battery charger-</u> Provided for battery charging, 12 volt, 2 Amp.</p>		
16	<p>Solar Light Trap of 35 watt Safer to beneficial insects</p>	<p><u>1</u> Lamp – 35 watt UV LED lamp.</p> <p>2. Solar Panel – 50 watt 12 volt.</p> <p>3. Battery – Lithium ion 14.8 volt 19.2 Amp.</p> <p>4. Insect filter – Made of plastic with 12” diameter & 5 mm holes in the body.</p> <p>5. Stand – 10’ size adjustable stand made of M.S. pipe</p> <p>6. Charger – Electric charger 12 volt 2 Amp.</p> <p>7. PCB – with microcontroller system which light bulb in the evening and shutoff after 4 hrs and then again light in the morning before 2 hrs of sunrise.</p> <p>8. Canopy – For keeping PCB and battery and to protect bulb.</p> <p>9. Baffles – provided 3 baffles of GI sheet.</p> <p>10. Packing Box – Heavy corrugated box.</p> <p>11. Battery charger (electrical)-12 volt – 2 Amp.</p>	HSLT - 35	

Specification of Approved Items in GEM General Category

17	Solar Power Sprayer	<ol style="list-style-type: none"> 1. Tank Capacity – 15 Ltr. 2. Battery – 12 Volt & 8 Amp. 3. Working pressure – 0.15-0.40 kg per sq.cmt. 4. Charger – 12 v – 1.2 Amp. Output 5. Solar Module – 12v-10w 6. Electric Charger – 12volt -2 Amp. 	HSPS – 15	7500	6720
18	PHEROMONE TRAPS For Moth	<ol style="list-style-type: none"> 1. Body of pheromone trap is made of high quality non recycled plastic material. 2. collection bag made of polythene which withstands wind, high temperature and water. 3. Canopy is fixed with 3 stalks by trap base. Diameter of the canopy is 140 mm and thickness is 1.5 mm. Diameter of trap base mouth is 100 mm. 4. Height of funnel is 65 mm with bottom diameter is 30 mm. 	HPTM-R	20	20
19	Battery Operated Sprayer with Double pump	<ol style="list-style-type: none"> 1. Capacity - 20 liter. 2. Made of high quality HDPE plastic. 3. Battery 14.8 volt 11.2 Amp.. 4. Double pumps are fitted. 5. With high jet gun. 	HBSDP-20	5100.00	5100