



बागमती प्रदेश सरकार
कृषि तथा पशुपन्छी विकास मन्त्रालय
कृषि विकास निर्देशनालय



कृषि विकास कार्यालय, सिन्धुली

सिन्धुलीमाढी, नेपाल

कृषि यन्त्र/औजार/उपकरण आपूर्तिका लागि शिलबन्दी दरभाउ पत्र आव्हान सम्बन्धि सूचना

सूचना नं १०/२०८२/०८३

प्रथम पटक प्रकाशित मिति: २०८२/०९/०६

कृषि विकास कार्यालयको सिन्धुलीको आ.व. २०८२/८३ को वार्षिक स्वीकृत कार्यक्रम अनुसार विभिन्न कृषि प्रवर्द्धन/कृषि विकास कार्यक्रम संचालनार्थमा कृषकहरूको माग तथा स्वीकृत वजेको परिधि भित्र रही कृषि यन्त्र/औजार/उपकरणहरू अनुदानमा उपलब्ध गराउने प्रयोजनका लागि कृषि यन्त्र/औजार/उपकरणहरू न्युतम दरभाउमा आपूर्ति गर्न इच्छुक न्युनतम योग्यता पुगेका आधिकारिक उत्पादक/विक्रेता/फर्महरूले यो सूचना प्रकाशित भएको मितिले १५ औं दिन (२०८२/०९/२०) सम्ममा कार्यालय समय भित्र उल्लेखित कागजातहरू सहित शिलबन्दी दरभाउ प्रस्ताव पेश गर्नुहुन यो सूचना प्रकाशन गरिएको छ । कृषि/औजार/उपकरणहरूको प्राविधिक स्पेसिफिकेसन र शिलबन्दी दरभाउ प्रस्ताव फाराम यस कार्यालय तथा कार्यालयको वेबसाईट <https://sindhuli.akc.gov.np> बाट डाउनलोड गरी प्राप्त गर्न सकिने छ ।

शिलबन्दी दरभाउ प्रस्ताव दर्ता गर्ने निकाय: कृषि विकास कार्यालय, सिन्धुली

आवश्यक कागजात तथा शर्तहरू:

- १.आधिकारिक सहिछाप सहितको निवेदन,
- २.आधिकारिक सहिछाप सहितको निर्धारित ढाँचा बमोजिमको पूर्ण रुपमा भरिएको शिलबन्दी दरभाउ प्रस्ताव फाराम,
- ३.फर्म/संस्था/कम्पनी दर्ता तथा नविकरणको प्रमाण पत्र, मूल्य अभिवृद्धि कर (भ्याट)/ प्यान दर्ता प्रमाण पत्रको प्रतिलिपि,
- ४.कम्पनीको हकमा कम्पनी रजिष्टार कार्यालयबाट गरिने कम्पनी अध्यावधिक भएको पत्र,
- ५.आ.व. २०८१/८२ को कर चुक्ता तथा लेखा परिक्षणको प्रमाणित प्रतिलिपि, नेपाली नागरिकताको प्रतिलिपि ।
- ६.सामग्रीहरूको उत्पादक कम्पनीहरूको आधिकारिक विक्रेता वा Authorized agent/डिलरसिप रहेको प्रमाण पत्र,
- ७.आपूर्तिकर्ताले आपूर्ति गर्ने खोजेको कृषि यन्त्र/औजार/उपकरणहरूको मोडल र ब्रान्डहरूको आधिकारिक टेष्ट रिपोर्टको प्रमाणित प्रतिलिपि,
- ८.आपूर्ति गर्न सकिने कृषि यन्त्र/औजार/उपकरणहरूको स्पेसिफिकेसन, ब्रान्ड, मोडेल, उत्पादक कम्पनी र देश खुल्ने क्याटलग, लिफलेट वा ब्रोसर अनिवार्य रुपमा पेश गर्नुपर्ने छ ।

थप जानकारीको लागि यस कार्यालयको सूचना पाटी, फेसबुक पेज, फोन नं ०४७-५२१०४२ तथा यस कार्यालयको वेबसाईट sindhuli.akc.gov.np बाट प्राप्त गर्न सकिनेछ ।

Anup Poudel
अनुप पौडेल
प्रमुख
(अधिकृतस्तर नवौं)

Manual Operated Push Seeder			
	Items	Required Specification	Offered Specification
1	General	Manual operated push seeder, suitable for planting maize, giving smooth economic performance.	
2	Number of rows	single row	
3	Seed Metering Mechanism	Plate type (seed plate with specific holes for maize seed)	
4	Seed Spacing	Adujustable ; typically 15 cm to 30 cm	
5	Depth	2.5 cm -3.5 cm	
6	Hopper Capacity	2-5 kg	
7	Wheel Type	Ground wheel-driven (for metering); rubber wheels	
8	Field capacity	not less than 0.1ha/hr	
	Total Price (Nrs.)		
	Total price in word		

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 अनुप अधिकारी
 प्रमुख
 (अधिकृतस्तर नवौ)



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Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier with remark
A	Power Weeder		
1	Brand/model	Make: 2025 or latest model ; Brand ; Model : any	
2	General	A power weeder is used to remove weeds and till the soil efficiently, reducing manual effort and improving crop productivity.	
3	Engine	Single cylinder, four-stroke, Petrol engine, Maximum power not less than 2 kW at rated speed.	
4	Starting type	Recoil/ Electrical starter	
5	Transmission system	Gear drive	
6	Displacement(ml(cu.in))	not less than 50 CC	
7	Fuel tank capacity	not less than 1 L	
8	Blades	minimum 24	
9	Tilling Depth	100mm or above	
10	Tilling width	550 mm or above	
	Total Price (Nrs.)		
	Total price in word		

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अनुप अधिकारी
प्रमुख
(अधिकृतस्तर नवौ)

Technical Specification For Farm Machinery and Equipments			
S.N.	Name of implement with description	Required specification	Remarks
A	Combined mill		
1	Make and model	any	Make: 2025 or leatest model ; Brand ; Model : any
	General	Application in both milling of ceareals such as rice, wheat, millet and paddy, Gross wt not less than 70 kg.	
2	Power Source	not less than 2KW	
3	Motor	100% copper	
4	voltage and frequency of motor	220volt,50Hz	
5	Seive size	at least 100*749mm	
6	Seive Diameter	aperture : 1.2	
7	Capacity	Rice mill: at least 80 kg/hr	
8		Grain grinder: at least 130kg/hr	
9	Roller Speed	Rice mill-at least 1500rev/min	
10			
11	Roller Diameter: rice mill	40mm	
12	Types	Disc/Hammer types	
13	accessories	Electric wire along with Suitable MCB with switch	
	Total Price (Nrs.)(A)		

Signature



Anup Yashwanth
 अनुप अधिकारी
 प्रमुख
 (अधिकृतस्तर नवौ)

Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Remarks
	Minitiller		
	Brand/ Model	Any	Make: 2025 or latest model ; Brand ; Model : any
	Tilling Depth	minimum 150	
	Tiller Breadth	minimum 1150	
	Gearshif Speed	2 Fwd and 1 Rev Gear	
	Blades Type	4 pcs 5 groups(40 pcs)	
	Driving model	gear drive	
	Wheel	5.00-12	
	Engine Model	186F	
	Engine type	Diesel	
	Displacement [ml(cu.in)]	not less than 418 CC	
	Engine speed(rpm)	3600	
	Compression ratio	20:01	
	Fuel tank volume [L (gal.)]	not less than 5 L	
	Engine Oil Capacity	not less thna 2L	
	Gear Oil Capacity	not less than 2L	
	Clutch	Wet Friction Plate	
	Starting system	Recoil (Manual) Start	
	Color	Standard	
	Lube brand/Type	SAE10W-30	
	Packing	Wooden box	
	Certificate	ISO	
	Gross Weight (Including Wooden Box)	185	
	Total Price (Nrs.)		
	Total price in word		



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Anup Adhikan
अनुषा अहिकारी
प्रमुख
(अधिकृतस्तर नवी)

Technical Specification

S.N.	Name of implement with description	Specification required	offered specification
A	Corn sheller		
1	Make and model	any	
2	Power	0.48 kw	
3	Motor	copper Coil 100%	
4	Capacity	600-700kg/hr	
6	Gross wt	minimum 18kg	
7	Tube	Single	
	Price in word (NRs)		
B	Corn sheller		
1	Make and model	any	
2	Power	at least 0.75 kw	
3	Motor	copper Coil 100%	
4	Capacity	900-1200 kg/hr	
6	Rotor Diameter	around 590mm	
7	Tube	double	
	Price in word (NRs)		

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अनुप अधिकारी
प्रमुख
(अधिकृतस्तर नवौ)

Technical Specification of rotavator with bed maker

S.N.	Name of implement with description	Required specification	Offered Specification by supplier
1	General	Rotavator is a tractor-drawn implement which is mainly used for seed bed preparation, weight not less than 450kg	make: 2025 or latest,model:.....
2	matching tractor power	Greater than 45HP tractor PTO.	
3	Overall working width	5/6 feet	
4	Gear box	single/ multispeed All speed archived diffrient number gear should be provided.	
6	transmission system	gear box transmission system	
7	PTO shaft	around 14" Pipe with 6/21 Spline Couplers	
8	Blade type	j,c and s type	
9	number of blade	at least 42	
	Total Price		
	Total price in word		

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अनुप अधिकारी
प्रमुख
(अधिकृतस्तर नवी)

Technical Specification of paddy thresher

S.N.	Name of Implements With Description	Technical Specification	Specification of proposed item
	Paddy Thresher		
1	make, model, brand	make: 2025 or latest	
2	General	It is used for threshing of paddy ,maize, wheat, sorghum, barley. Provided at least 3 types of grain sieve.	
3	Power requirement(hp/kW)	above 40 HP, tractor pto	
4	Working efficiency	>-1200kg/hr	
5	Threshing efficiency	>-97%	
6	Overall grain loss	<-2.5%	
7	Broken grain loss	<-0.8%	
8	Blown grain loss	<-1.5%	
9	Crop feeding	direct hopper type(Feeding chute, manually)	
10	Type of cylinder	Spike tooth	
11	Cylinder size, tip diameter x length(m m)	approx.770 x 1500	
12	No of sieves	3	
13	No. of blower	one/double/triple	
14	No. of spike	around 75	
15	Cleaning fan	at least 1 aspiratory fan for grain clean and 1 centrifugal fan for dust clean	
16	Weight(approx.)	1450-1550kg	
17	Standard accessories	PTO shaft, tool box, greas gun	
18	Main shaft diameter	not less than 60mm	
19	No. of transmission joint	not less than 3	
	Total price		
	Total price in words		

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(अधिकृतस्तर नवौ)



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Digital Weighing Balance			
	Items	Required Specification	Offered Specification
1	General	Digital Weighing Balance, suitable for weighing agricultural products , giving smooth economic performance.	
2	Material	Stainless Steel (non-corrosive)	
3	Output	Bright LED Digital Display	
4	Weighing Capacity	100 kg	
5	Instructions	All signs and instruction in an Digital balance shall be in English/Nepali	
6	Others	Battery backup, auto zero tracking	
	Total Price (Nrs.)		
	Total price in word		

Signature



Signature

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प्रमुख
(अधिवृत्तस्तर नवौं)

SN	Items/Description	Specification	Specification of proposed item
Jab Planter			
1	General	Its main application is for planting seeds, and in the case of a double-barrel type, applying fertilizer simultaneously	
2	Model	Any	
3	Type	Double	
4	Operation	Manually	
5	Model	Seed and fertilizer	
6	Seeding	Adjustable 1-3 seeds	
7	Gross wt	2.5 kg	
8	Application	Maize, bean etc	
	Total Price (Nrs.)		
	Total price in word		

BP



Anup Ashikari

अनुप अशिकारी
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(अधिकार स्तर नवौ)



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Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier with remark
A	Minitiller		
1	Brand/model	Make: 2025 or latest model ; Brand ; Model : any	
2	General	General purpose minitiller for dry and wet tillage,with standard desgin having gross vehicle weight not less than 80kg	
3	Engine	Single cylinder,Four stroke,Forced air cooled system,Oil batch type filler, Petrol engine, Maximum power not less than 4KW at rated speed .	
4	Starting type	Recoil/ Electrical starter	
5	Transmission system	Gear drive(1- Reverse, 2- Forward(both high and low) number of gears.	
6	Displacement(ml(cu.in))	not less than 208CC	
7	Fuel tank capacity	not less than 2.5 L	
8	Blades	minimum 24	
9	Tilling Depth	100mm or above	
10	Tilling width	750mm or above	
	Total Price (Nrs.)		
	Total price in word		
B	Minitiller		
1	Brand/model	any	
2	General	General purpose minitiller for dry and wet tillage,with standard desgin having gross vehicle weight not less than 120kg	
3	Engine	Single cylinder,Four stroke,Forced air cooled system,Oil batch type filler, Diesel Engine, Maximum power not less than 4KW at rated speed .	
4	Starting type	Recoil/ Electrical starter	
5	Transmission system	Gear drive(1- Reverse, 2- Forward(both high and low) number of gears.	
6	Displacement(ml(cu.in))	not less than 296CC	
7	Tilling Depth	100mm or above	
8	Tilling width	750mm or above	
9	Fuel tank capacity	minimum 3.5 litres	
10	Blades	minimum 32 pieces	
11	Tyre	Standard size(4-8)	
12	Colour	Standard	
	Total Price (Nrs.)		



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प्रमुख
(अधिकृतस्तर नवौ)

Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier with remark
A	Bed Marker Minitiller		
1	Brand/model	Make: 2025 or latest model ; Brand ; Model : any	
2	General	General purpose minitiller for dry and wet tillage and making bed, rear tilling and front traveling with standard desgin having gross vehicle weight not less than 125kg	
3	Bed making mechanism	ditching and furrow blades	
4	Engine	Single cylinder, Four stroke, Forced air cooled system, Oil batch type filler, Diesel Engine, Maximum power not less than 4KW at rated speed .	
5	Starting type	Recoil/ Electrical starter	
6	Transmission system	Gear drive(1- Reverse, 2- Forward(both high and low) number of gears.	
7	Displacement(ml(cu.in))	not less than 296CC	
8	Tilling Depth	100mm or above	
9	Tilling width	750mm or above	
10	Fuel tank capacity	minimum 3.5 litres	
11	Blades	minimum 32 pieces	
12	Tyre	Standard size(4-8)	
13	Frame	MS material	
14	Colour	Standard	
	Total Price (Nrs.)		
	Total price in word		

Ap



Anup Mishra
अनुप अधिकारी
प्रमुख
(अभिमुखित्व नवी)

Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier with remark
A	Minitiller		
1	Brand/model	Make: 2025 or latest model ; Brand ; Model : any	
2	General	General purpose minitiller for dry and wet tillage, with standard design having gross vehicle weight not less than 95 kg	
3	Engine	Single cylinder, Four stroke, Forced air cooled system, Oil batch type filler, Diesel Engine, Maximum power not less than 4KW	
4	Starting type	Manual/Recoil	
5	Transmission system	Gear drive(1- Reverse, 2- Forward(both high and low) number of gears.	
6	Displacement(ml(cu.in))	not less than 247CC	
7	Tilling Depth	100mm or above	
8	Tilling width	750mm or above	
9	Fuel tank capacity	minimum 2.5 litres	
10	Blades	minimum 24 pieces	
11	Tyre	Standard size(4-8)	
12	Colour	Standard	
	Total Price (Nrs.)		
	Total price in word		

Signature



Signature of Anup
अनुप अधिकारी
प्रमुख
(अधिकृतस्तर नवौं)

Technical Specification of Bag Closer Sewing Machine

S.N.	Name of Implements With Description	Technical Specification	Specification of proposed item
	Bag Closer Sewing Machine		
1	make, model, brand	make: 2025 or latest	
2	General	A portable/handheld industrial bag closing sewing machine designed to securely close filled bags (paper, jute, burlap, PP/PE, woven plastic, HDPE, cotton, hessian, etc.). Suitable for agricultural post-harvest operations, warehouses, packaging lines, and small to medium industrial use	
3	Machine Type	Portable industrial bag closer / bag sealing sewing machine	
4	Operation	Electric powered portable/handheld	
5	Stitch Type	Single thread chain stitch / shall have an optional double thread chain stitch	
6	Maximum Material Thickness	upto 8-10 mm (multi-layer bags)	
7	Power Rating	190-210 W	
8	Voltage	110/220-240 V AC (single phase)	
9	Motor speed/RPM	8000-10000 RPM for sewing head	
10	Body	Cast/forged metal housing for durability	
11	Approx. weight	2.8-7 kg	
12	Bags per hour	at least 150 bags/hr	
13	Accessories	Spring balancer or shoulder strap for ease of operation Spare needles, thread stand, lubricating oil bottle	
14	Warranty	Suppliers shall provide at least 12 months for parts and service.	
	Total price		
	Total price in words		

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प्रमुख
(अधिकृतस्तर नवौ)

Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier
A	Electric Winnowing		
1	Type	Electric Grain Winnowing Machine	
2	Size	at least 24"	
3	Power	at least (0.24KW)	
4	Volatge	220v/50hz/single phase	
5	Gross weight	around 25kg	
6	Capacity	at least 1000kg/hr	
	Total Price (Nrs.)		
	Total price in word		

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(अधिकृतस्तर नवौं)

Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier
A	Power sprayer		
1	Make,model, beand	any	
2	Rated power	at least 4.84±0.2 KW	
3	vertical range	at least 13m	
4	engine type	4 stocke-petrol	
5	suction volume	at least 20 ltr/min	
6	Delivery pipe	at least 2*100 meter	
	Total Price (Nrs.)		
	Total price in word		

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અનુપ અધિકારી
પ્રમુખ
(અધિકૃતસ્તર નવો)

Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification
A	Battery cum manual Sprayer (2in1)		
1	tank capacity	At least 16 litter -	
2	Motor	12V motor powered diaphragm pump of speed 3300rpm, 12V,8AHr rechargeable.	
3	working pressure	at least 0.4 Mpa	
4	Charger input:	100-240V AC,50Hz,	
5	charge output	12V DC 1.5A	
6	Spray flow	not less than 2100ml/min,	
7	time of full charge	5 to 8hr	
8	Gross weight	at least 2.6kg	
	Total Price (Nrs.)		
	Total price in word		

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(अधिकृतस्तर नवौ)

specification of Drip irrigation with fertigation unit

S.N	Description	Required Specification	offered specification	offered rate with vat
1	Head unit			
	Screen filter	Cylindrical shape Screen filter with external thread of inlet and outlet 75mm, 150 mesh with capacity not less than 40m ³ /hrs		
a		A 50 mm (2-inch) screen filter typically has a flow capacity of about 10–25 m ³ /hr and uses an 80–150 mesh stainless steel or plastic screen		
b	Hydrocyclone Filter	size of 65mm, pressure not less than 1.5kgf/cm ² , 32-40m ³ /hr		
c	VENTURI SYSTEM with manifold	used for Fertilizer & Chemical injection through drip irrigation system of size 2" , should have amount of fertilizer injected amount reading scale.		
d	Control valve 50 MM			
e	Flush valve 50 MM			
f	Elbow 50 MM			
g	Equal tee 50 MM			
h	MTA 50 MM			
i	FTA 50 MM			
j	Check Valve (50 MM)			
k	PVC L-75MM			
l	T-63MM			
m	PVC Reducer 75*63			
n	PVC L-63MM			
o	UPVC MTA, FTA			
2	MAIN LINE / SUB MAIN LINE			
		VACUUM RELIEF VALVE 63/ end cap with lock and unlock mechanism		
		16 mm plain pipe		
c	ONLINE DRIP PIPE 16MM	30/30 cm spacing of online drip pipe of discharge not less than 1l/hr		
d	GROMMET TECH-UP			
e	END CAP			



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अनुप अधिकारी
प्रमुख
(अधिकृतस्तर नवौं)

Technical Specification of self propelled reaper

S.N	Description	Required Specifications	Offered Specification by supplier
A	Self propeller reaper		Make: 2025 or leatest model ; Brand ; Model : any
1	general	it is used for harvesting of paddy in wet and dry field. Having a self engine for its operation.	
2	engine model	Any	
3	Engine power	not less than 4 ± 0.2KW	
4	Engine Type	4-Stroke, Single Cylinder, Air Cooled, Disel Engine, gear/belt T.S.	
5	Engine Speed	minimum 2600 RPM	
6	Fuel Tank Capacity	minimum 3.5L	
7	Fuel consumption	550-700 ml/h	
8	Starting System	Electric/Manual Starting (Recoil Type)	
9	Cutting Height	minimum 40 mm	
10	Cutting Width	minimum 1000mm	
11	Weight	minimum 200kg	
	Total Price (Nrs.)		
	Total price in word		

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(अधिकृतस्तर नवौ)



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Technical Specification of farm equipment

Steam Boiler Machine


	Items	Required Specification	Offered specification
1	General	Steam Boiler Machine primarily used for generating steam needed for sterilization of substrates like straw, sawdust, or compost.	
2	Boiler type	vertical Steam Boiler	
3	Heating Method	Wood-fired	
4	Chimney Height	not less than 8 feet	
5	Water Capacity	not less than 200 ltr	
6	Safety Devices	Pressure Relief Valve, Safety Valve	
7	Instrument	Supply of pressure reading gauge	
8	Accessories	The boiler shall be supplied with steam outlet pipe, condensate outlet, blow-down/drain outlet, and all required valves, flanges, and fittings for safe and efficient steam distribution.	
	Total Price (Nrs.)		
	Total price in word		

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S.N	Description	Required Specification	unit	offered rate with vat
Protected agriculture related				
1	UV plastic	UV Plastic with Minimum 200 Micron is used to Cover the Roof of Iron made Tunnel	sqm	
		UV Plastic with Minimum 100 Micron is used to Cover the Roof of bambo Tunnel	sqm	
		UV Plastic with a Minimum 90 GSM is used to cover the Roof of the Tunnel	sqm	
2	Insect Net	40 Mesh UV Insect is used for the Sides of the Tunnel (40 Mesh UV insect net_80 GSM)	sqm	
3	Locking Profiles	GI Profile and Zinc Coated Spring is used to Lock the Plastic/ Insect Net.	rm	
4	Shade Net	UV stabilized 50 % shade	sqm	


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