### **Activities Report**

(April, 2023 to February, 2024) State Medicinal Plants Board, Odisha, Bhubaneswar.

#### Awareness Activities:

On 6<sup>th</sup> June 2023 SMPB, Odisha had celebrated one Pledge activity under Mission LiFE campaign, Ministry of AYUSH emphasizing mind full and deliberate utilization instead of mindless west full consumption of resources. This event was organized at the campus of MPKC Patrapada attended by Sj. Suddep Nayak, IFS,

Chief Executive, SMPB, Odisha. Smt. Asima Dash, Dy. Conservator of Forest. SMPB. Odisha and officials of SMPB along with field staff of **MPKC** Patrapada. During the Pledge ceremony following Oaths were taken.



- 1. Promotion of consumption and cultivation of local medicinal plants.
- 2. Reducing the uses of non re-usable plastics.
- 3. Recycling of bio- wastage and housing wastages.

### Training & Workshops:

On the morning of 3<sup>rd</sup> July 2023 we left for Bhawanipatna of Kalahandi district from Bhubaneswar through hired vehicle and reached Bhawanipatna at 6:15 PM of the same day. Upon reaching at

Bhawanipatna we headed towards the training venue which was at the Red Cross Kalyan Mandap to overview the arrangements the workshop which was scheduled to be held on 4<sup>th</sup> of July 2023 at 9:30



AM. After suggesting for some necessary modifications and arrangements to the Organizer we camped at Bhawanipatna.

At 9:30 AM of 4<sup>th</sup> July 2023, the registration of participants who were especially from the Farming & Traditional Healers' communities initiated and at 10:00 AM Shri Sudeep Nayak, IFS, the Chief Executive,



State Medicinal **Plants** Board. Bhubaneswar inaugurated the workshop. The Range Officers of Junagarh and Bhawanipatna Forest Ranges also attended the workshop. In this workshop 31 no of participants from Kalahandi Sadar, Kalampur, Bhawanipatna, Kesinga, Golamunda, Rampur, Utkela `M. etc. had participated in this workshop.

Shri Sudeep Nayak, IFS, the Chief Executive, State Medicinal Plants Board, Bhubaneswar in his inaugural addressed narrated the participants on the importance of cultivation & consumption of Ashwagandha. He also narrated the huge increase in demand of Ashwagandha since the COVID19 outbreak and increase in consumption of Ashwagandha as health & vigour promoter. He also led emphasis on the importance of cultivation of Ashwagandha keeping in mind the huge gap of demand and supply in Indian Market. After his address the training programmes were conducted as per the Agenda (Annexure – 1) stipulated earlier.

The next topic of discussion was on the "Standard Cultivation Practices of Ashwagandha in Odisha" which was elaborated by Sri Ipsita Kumar Parida, Consultant, State



Medicinal Plants Board, Odisha. The subjects covered during this interaction were on the Climatic Conditions and Soil Requirement for Ashwagandha cultivation, different types of seed, its availability and requirement of seeds per hectate of cultivation, soil testing, scientific cultivation techniques, irrigation requirements, organic ways of integrated soil health and nutrition management, organic ways of integrated disease and pest management, harvesting & post harvesting techniques.

The next subject of discussion was on the "Theaurapatic Usages of Ashwagandha & common usage of Ashwagandha as Health and Vigour Promoter" which was elaborated by Dr. Gagan Bihari Sahoo, Consultant, State Medicinal Plants Board, Odisha. The topics covered during this interaction were on the usage of

Ashwagandha leaves and root for prevention and cure of various alignments and various household usages of Ashwagandha root as health & vigour promoter and nutritional supplement.

During the post lunch session the discussion was held on the "Mandi wise price comparison of Ashwagandha and Company Specific Demand of Ashwagandha in India as well as pricing of Ashwagandha in Local Markets of Odisha" by Sri Ipsita Kumar Parida, Consultant, State Medicinal Plants Board, Odisha.



After the demandchain supply and pricing of Ashwagandha was over, the floor was opened for discussion and clarification of doubts the participants where the participants asked various questions

regarding cultivation and marketing of Ashwagandha which were answered by the Chief Executive, SMPB and Consultants, SMPB, Odisha.

On the morning of 5<sup>th</sup> July 2023 we left for Paikmal of Bargarh district from Bhawanipatna through the same hired vehicle and reached Paikmal at 2:30 PM of the same day. Upon reaching at Paikmal we headed towards the training venue which was at the Vindya Yasini Yatri Niwas, Nrusinghnath, Paikmal to overview the arrangements for the workshop which was scheduled to be held on 6<sup>th</sup> of July 2023 at 9:30 AM. After suggesting for some necessary modifications and arrangements to the Organizer we camped at Paikmal.

At 9:30 AM of 4<sup>th</sup> July 2023, the registration of participants who were especially from the Farming & Traditional Healers' communities initiated and at 10:00 AM Shri Sudeep Nayak, IFS, the Chief Executive, State Medicinal Plants Board, Bhubaneswar inaugurated the workshop. The Additional Conservator of Forests and the Range Officer of Paikmal Forest Ranges



were also attended in the workshop. In this workshop 35 no of participants from Bhatli, Bargarh, Paikmal, Padampur etc. had participated in this workshop.

Shri Sudeep Nayak, IFS, the Chief Executive, State Medicinal Plants Board, Bhubaneswar in his inaugural addressed narrated the participants on the importance of cultivation & consumption of Ashwagandha. During his briefing he told the importance of Medicinal Plant conservation in the Gandhamardhan Hills of Paikmal which is one of the most important places of Odisha regarding the



availability of Medicinal Plants. He also narrated the huge increase in demand of Ashwagandha as health & vigour promoter. He also led emphasis on the importance of cultivation of Ashwagandha keeping in mind the huge gap of demand and supply in Indian Market. After his address the training programmes were conducted as per the Agenda (Annexure - 1) stipulated earlier.

The next topic of discussion was on the "Standard Cultivation Practices of Ashwagandha in Odisha" which was elaborated by Sri Ipsita Kumar Parida, Consultant, State Medicinal Plants Board, Odisha. The subjects covered during this interaction were on the Climatic Conditions and Soil Requirement for Ashwagandha cultivation, different types of seed, its availability and requirement of seeds per hectare of cultivation, soil testing, scientific cultivation techniques, irrigation requirements, organic ways of integrated soil health and nutrition management, organic ways of integrated disease and pest management, harvesting & post harvesting techniques.

The next subject of discussion was on the "Theaurapatic Usages of Ashwagandha & common usage of Ashwagandha as Health and Vigour Promoter" which was elaborated by Dr. Gagan Bihari Sahoo, Consultant,



Ashwagandha root as health & vigour promoter and nutritional supplement.

State Medicinal Plants Odisha. Board. The topics covered during this interaction were on the usage Ashwagandha leaves and root for prevention and various cure of alignments and various household usages of

During the post lunch session the discussion was held on the "Mandi wise price comparison of Ashwagandha and Company Specific Demand of Ashwagandha in India as well as pricing of Ashwagandha in Local Markets of Odisha" by Sri Ipsita Kumar Parida, Consultant, State Medicinal Plants Board, Odisha. After the demand-supply chain and pricing of Ashwagandha was over, the floor was opened for discussion and clarification of doubts of the participants where the participants asked various questions regarding cultivation and marketing of Ashwagandha which were answered by the Chief Executive, SMPB and Consultants, SMPB, Odisha.

### **Exploring the Market Potential of Medicinal Herbs**

Date of Visit : 16<sup>th</sup> August 2023 to 21<sup>st</sup> August 2023

Places of Visit : Katni, Shahdol and Jabalpur of Madhya Pradesh &

Dhamtari & Raipur of Chhatisgarh

Purpose of Visit : Exploring the Market Potential of Medicinal Herbs in Madhya Pradesh &

Visiting to State Forest Research Institute, Jabalpur, Madhya Pradesh to access the possibilities of Exposure Visit of Medicinal Plant Farmers of Odisha to Madhya

Pradesh.

Name of Officials : Sri Ipsita Kumar Parida, Consultant, SMPB, Odisha

Sri Aditya Mohanty, DEO, SMPB, Odisha

#### AT Katni Mandi.

- 1. GhantaGhar
- 2. Gol Bazar
- 3. Hanumanganj
- 4. Jhanda Bazar.

At Katni we met the Traders in the above mentioned markets. The details of the traders are as follows.

Sl.	Name & Address of	Contact No of	Medicinal Plant Produces	Procurement Price I Traded Produce	
No.	the Trader	Trader	Traded By the Trader	Max. Price (Off	Min. Price (During
			, and the second	Seasonal)	Harvesting)
1.	Mr. Dhaniram	09893306273	Amla, Bael, Harra,	Amla - Rs.75/- to	Amla - Rs.35/- to
	Ratanchand	09171407027	Behera, Bach, Kalmegh	Rs.80/-	Rs.45/-
	Barsaiya	(WhatsApp)	(in bulk quantities)	Bal Harra –	
	At – Jhanda Bazar,		Ashwagandha,	Rs.110/- to	
	Murwara, Katni		Sarpagandha, Dhawai	Rs.120/-	
			Flower (in small	Harra (Dried &	
			quantities)	Deseeded) –	
				Rs.30/- to Rs.35/-	
			N.B. – This Traders deals	Harra (Dried) –	
			with more than 50 varieties of Medicinal Herb Produces.	Rs. 18/- to Rs.20/-	
			of Medicinal Herb Houdees.	Kalmegh (Dried) -	
				Rs.18/- to Rs.20/-	
				Bach - Rs.30/- to	
				Rs.35/-	Ashwagandha –
				Ashwagandha –	Rs. 90/- to
				Rs. 150/- to	Rs.120/- (Best
				Rs.180/- (Best	Quality)
				Quality)	Sarpgandha –
				Sarpgandha –	Rs.550/- to
				Rs.750/- to	Rs.650/- (Best
				Rs.800/- (Best	Quality)

			T		1
				Quality)	
				Dhawai Flower	
				(Dried) – Rs. 30/-	
				to Rs.35/-	
2.	Mr. Pannalal	0925464877	Amla, Bael, Harra,	Amla - Rs.75/- to	Amla - Rs.35/- to
	Santosh Kr. Jar		Behera, Bach, Kalmegh,	Rs.80/-	Rs.45/-
	At – Lalchand		Ashwagandha,	Bal Harra –	
	Srichand Market,		Sarpagandha, Dhawai	Rs.110/- to	
	Hanumanganj,		Flower, Pippli, Nirmali	Rs.120/-	
	Murwara, Katni		Seeds, etc.	Harra (Dried &	
				Deseeded) –	
			N.B. – This Traders deals	Rs.30/- to Rs.35/-	
			with more than 150 varieties	Harra (Dried) -	
			of Medicinal Herb Produces.	Rs. 18/- to Rs.20/-	
				Kalmegh (Dried) -	
				Rs.18/- to Rs.20/-	
				Bach - Rs.30/- to	
				Rs.35/-	
				Bael (Dried Pulp)	
				- Rs.15/- to	
				Rs.20/-	
				Ashwagandha –	
				Rs. 150/- to	Ashwagandha –
				Rs.180/- (Best	Rs. 90/- to
				Quality)	Rs.120/- (Best
				Sarpgandha –	Quality)
				Rs.750/- to	Sarpgandha –
				Rs.800/- (Best	Rs.550/- to
				Quality)	Rs.650/- (Best
				Dhawai Flower	Quality)
				(Dried) – Rs. 30/-	Quanty)
				to Rs.35/-	
				Pippli (Small -	
				Indi) – Rs.420/- to	
				Rs.450/-	
				Pippli (Big –	
				Imported /	
				Cultivated) –	
				Rs.550/- to	
		00.404.005		Rs.590/-	
3.	Akash Traders	09691002600	Amla, Bael, Harra,	Amla – Rs.75/- to	Amla – Rs.35/- to
	Near Hotel Venus,		Behera, Bach, Kalmegh,	Rs.80/-	Rs.45/-
	Opposite of Sindhu		Ashwagandha,	Bal Harra –	
	Bhawan, Katni		Sarpagandha, Dhawai	Rs.110/- to	
			Flower, Pippli, Nirmali	Rs.120/-	
			Seeds, etc.	Harra (Dried &	
				Deseeded) –	
			N.B. – This Traders deals	Rs.30/- to Rs.35/-	
			with more than 1000 varieties of Medicinal Herb	Harra (Dried) –	
			Produces.	Rs. 18/- to Rs.20/-	
				Kalmegh (Dried) -	
				Rs.18/- to Rs.20/-	
				Bach - Rs.30/- to	
				Rs.35/-	
				Bael (Dried Pulp)	
				- Rs.15/- to	
				Rs.20/-	
				Ashwagandha –	
				Rs. 150/- to	
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				Rs.180/- (Best Quality) Sarpgandha — Rs.750/- to Rs.800/- (Best Quality) Dhawai Flower (Dried) — Rs. 30/- to Rs.35/- Pippli (Small - Indi) — Rs.420/- to Rs.450/- Pippli (Big —	Ashwagandha — Rs. 90/- to Rs.120/- (Best Quality) Sarpgandha — Rs.550/- to Rs.650/- (Best Quality)
4.	M/S. Laxmi Prasad Pandey (Rajendra Pandey) Infront of Sindhi Gurdwara, Gol	07489786711 09425466425	Amla, Bael, Harra, Behera, Bach, Kalmegh (in bulk quantities) Ashwagandha, Sarpagandha, Dhawai	Imported	Amla – Rs.35/- to Rs.45/-
	Bazar, Katni		Flower, Pippli, Nirmali Seeds (in small quantities)  N.B. – This Traders deals with more than 50 varieties of Medicinal Herb Produces.	Rs.120/- Harra (Dried & Deseeded) — Rs.30/- to Rs.35/- Harra (Dried) — Rs. 18/- to Rs.20/- Kalmegh (Dried) - Rs.18/- to Rs.20/- Bach - Rs.30/- to Rs.35/- Ashwagandha — Rs. 150/- to Rs.180/- (Best Quality) Sarpgandha — Rs.750/- to Rs.800/- (Best Quality) Dhawai Flower (Dried) — Rs. 30/- to Rs.35/-	Ashwagandha — Rs. 90/- to Rs.120/- (Best Quality) Sarpgandha — Rs.550/- to Rs.650/- (Best Quality)
5.	Mr. Chhotelal Ramsewak Tiwari At – Near Dena Bank, Ghantaghar, Katni	09425878514	Amla, Bael, Harra, Behera, Bach, Kalmegh (in bulk quantities) Ashwagandha, Sarpagandha, Dhawai Flower (in small quantities)  N.B. – This Traders deals with more than 50 varieties of Medicinal Herb Produces.	Amla – Rs.75/- to Rs.80/- Bal Harra – Rs.110/- to Rs.120/- Harra (Dried & Deseeded) – Rs.30/- to Rs.35/- Harra (Dried) – Rs. 18/- to Rs.20/- Kalmegh (Dried) - Rs.18/- to Rs.20/- Bach - Rs.30/- to Rs.35/- Ashwagandha –	Amla – Rs.35/- to Rs.45/-

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				Rs. 150/- to Rs.180/- (Best Quality) Sarpgandha — Rs.750/- to Rs.800/- (Best Quality) Dhawai Flower (Dried) — Rs. 30/- to Rs.35/-	Ashwagandha — Rs. 90/- to Rs.120/- (Best Quality) Sarpgandha — Rs.550/- to Rs.650/- (Best Quality)
6.	Mr. Chhotelal Rajendra Prasad Tiwari At - Rajendra Niwas, Tilak Rastriya School Road, Ghantaghar, Katni	09425464877	Amla, Bael, Harra, Behera, Bach, Kalmegh, Ashwagandha, Sarpagandha, Dhawai Flower, Pippli, Nirmali Seeds, etc.  N.B. – This Traders deals with more than 100 varieties of Medicinal Herb Produces.	Amla – Rs.75/- to Rs.80/- Bal Harra – Rs.110/- to Rs.120/- Harra (Dried & Deseeded) – Rs.30/- to Rs.35/- Harra (Dried) – Rs. 18/- to Rs.20/- Kalmegh (Dried) - Rs.18/- to Rs.20/- Bach - Rs.30/- to Rs.35/- Bael (Dried Pulp) – Rs.15/- to Rs.20/- Ashwagandha – Rs. 150/- to Rs.180/- (Best Quality) Sarpgandha – Rs.750/- to Rs.800/- (Best Quality) Dhawai Flower (Dried) – Rs. 30/- to Rs.35/- Pippli (Small – Indi) – Rs.420/- to Rs.450/- Pippli (Big – Imported / Cultivated) – Rs.550/- to Rs.550/- to Rs.550/-	Ashwagandha — Rs. 90/- to Rs.120/- (Best Quality) Sarpgandha — Rs.550/- to Rs.650/- (Best Quality)



During discussion the Traders at Katni emphasized regarding the Certification of Produces like Source of Origin, Quality of Produces, Transportation and taxation issues.

Rajsthan and Delhi. As Shahdol Market was nearer to Katni (approximately 135 KM)) we decided to move to Shahdol by Bus. We boarded the Bus from Katni at 12:45 PM and reached Shahdol at 02:30 PM. The details of the traders we met at Shahdol are as follows.

Sl.	Name & Address of	Contact No of	Medicinal Plant Produces	Procurement Price List of Some M Traded Produces (Rs. Per KG)	
No.	the Trader	Trader	Traded By the Trader	Max. Price (Off Seasonal)	Min. Price (During Harvesting)
1.	Mr. Santosh Agarwal At – Saheed Bhagat Singh Chowk, Station Road, Shahdol	09425181630	Amla, Bael, Harra, Behera, Bach, Kalmegh (in bulk quantities) Ashwagandha, Sarpagandha, Dhawai Flower (in small quantities)  N.B. – This Traders deals with more than 50 varieties of Medicinal Herb Produces.	Amla — Rs.80/- to Rs.85/- Harra (Dried & Deseeded) — Rs.35/- to Rs.40/- Harra (Dried) — Rs. 18/- to Rs.20/- Kalmegh (Dried) — Rs.18/- to Rs.20/- Bach — Rs.35/- to Rs.40/- Ashwagandha — Rs. 180/- to Rs.200/- (Best Quality) Sarpgandha — Rs.750/- to Rs.800/- (Best Quality) Dhawai Flower (Dried) — Rs. 30/- to Rs.35/-	Ashwagandha — Rs. 90/- to Rs.120/- (Best Quality) Sarpgandha — Rs.650/- to Rs.700/- (Best Quality)
2.	Mr. Ravi Kumar Kesharwani Main Bus Stand, Jaisingh Nagar, Shahdol	09981624094 09424333639	Amla, Bael, Harra, Behera, Bach, Kalmegh (in bulk quantities) Ashwagandha, Sarpagandha, Dhawai Flower (in small quantities)  N.B. – This Traders deals with more than 100 varieties of Medicinal Herb Produces.	Amla — Rs.80/- to Rs.85/- Harra (Dried & Deseeded) — Rs.35/- to Rs.40/- Harra (Dried) — Rs. 18/- to Rs.20/- Kalmegh (Dried) - Rs.18/- to Rs.20/- Bach — Rs.35/- to Rs.40/- Ashwagandha — Rs. 180/- to Rs.200/- (Best Quality) Sarpgandha — Rs.750/- to Rs.800/- (Best Quality) Dhawai Flower (Dried) — Rs. 30/- to Rs.35/-	Rs.120/- (Best Quality) Sarpgandha – Rs.650/- to
3.	Mr. Ajay Gupta Near Bus Stand, Jaisingh Nagar, Shahdol	09425861334	Amla, Bael, Harra, Behera, Bach, Kalmegh, Ashwagandha, Sarpagandha, Dhawai Flower, Pippli, Nirmali Seeds, etc.  N.B. – This Traders deals with more than 150 varieties of Medicinal Herb Produces.	Amla – Rs.80/- to Rs.90/- Bal Harra – Rs.125/- to Rs.135/- Harra (Dried & Deseeded) – Rs.35/- to Rs.40/- Harra (Dried) – Rs. 20/- to Rs.25/- Kalmegh (Dried) -	Amla – Rs.35/- to Rs.45/-

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	Rs.20/- to Rs.25/-	
	Bach - Rs.35/- to	
	Rs.40/-	
	Bael (Dried Pulp) –	
	Rs.20/- to Rs.22/-	
	Ashwagandha –	
	Rs. 180/- to	
	Rs.200/- (Best	Ashwagandha –
	Quality)	Rs. 90/- to
	Sarpgandha –	Rs.120/- (Best
	Rs.750/- to	Quality)
	Rs.800/- (Best	Sarpgandha –
	Quality)	Rs.550/- to
	Dhawai Flower	Rs.650/- (Best
	(Dried) – Rs. 35/-	Quality)
	to Rs.40/-	
	Pippli (Small -	
	Indi) – Rs.450/- to	
	Rs.490/-	
	Pippli (Big –	
	Imported /	
	Cultivated) –	
	Rs.550/- to	
	Rs.650/-	

We moved to Kotwadi Bazar and Sarafa Bazar of Jabalpur city to meet with the Traders as per the following list.

Procurement Price List of Some Major

				Procurement Price	•
Sl.	Name & Address of	Contact No of	Medicinal Plant Produces	Traded Produce	
No.	the Trader	Trader	Traded By the Trader	Max. Price (Off	Min. Price (During
_	2.50	0000000000000		Seasonal)	Harvesting)
1.	M/S. Bade	09827236158	Amla, Bael, Harra, Behera,	Amla – Rs.80/- to	Amla - Rs.40/- to
	Pansari	09300102655	Bach, Kalmegh (in bulk	Rs.85/-	Rs.50/-
	At – 81, Kotwadi		quantities)	Harra (Dried &	
	Bazar, Sarafa		Ashwagandha,	Deseeded) –	
	Ward, Jabalpur		Sarpagandha, Dhawai	Rs.35/- to Rs.40/-	
			Flower (in small	Harra (Dried) – Rs.	
			quantities)	18/- to Rs.20/-	
				Kalmegh (Dried) -	
			N.B. – This Traders deals with	Rs.18/- to Rs.20/-	
			more than 30 varieties of	Ashwagandha –	Ashwagandha –
			Medicinal Herb Produces.	Rs. 180/- to	Rs. 90/- to
				Rs.200/- (Best	Rs.120/- (Best
				Quality)	Quality)
				Sarpgandha –	Sarpgandha –
				Rs.750/- to	Rs.650/- to
				Rs.800/- (Best	Rs.700/- (Best
				Quality)	Quality)
				Dhawai Flower	• • • • • • • • • • • • • • • • • • • •
				(Dried) – Rs. 30/-	
				to Rs.35/-	
2.	M/S. Ghappelal	0671-	Amla, Bael, Harra, Behera,	Amla – Rs.80/- to	Amla – Rs.35/- to
	Joharlal	4050879	Bach, Kalmegh,	Rs.90/-	Rs.45/-
	At – Sarafa		Ashwagandha,	Bal Harra –	
	Bazar, Jabalpur		Sarpagandha, Dhawai	Rs.125/- to	
	, <u>*</u>		Flower, Pippli, Nirmali	Rs.135/-	
			Seeds, etc.	Harra (Dried &	
			,	Deseeded) –	
			N.B. – This Traders deals with	Rs.35/- to Rs.40/-	
			more than 150 varieties of	Harra (Dried) – Rs.	
			Medicinal Herb Produces.		

				20/- to Rs.25/- Kalmegh (Dried) - Rs.20/- to Rs.25/- Bach - Rs.35/- to Rs.40/- Bael (Dried Pulp) - Rs.20/- to Rs.22/- Ashwagandha - Rs. 180/- to Rs.200/- (Best Quality) Sarpgandha - Rs.750/- to Rs.800/- (Best Quality) Dhawai Flower (Dried) - Rs. 35/- to Rs.40/- Pippli (Small - Indi) - Rs.450/- to Rs.490/- Pippli (Big - Imported / Cultivated) - Rs.550/- to Rs.650/-	Ashwagandha — Rs. 90/- to Rs.120/- (Best Quality) Sarpgandha — Rs.550/- to Rs.650/- (Best Quality)
3.	M/S. Pansari Brothers At – 512, Marhatal, Near Gurudwara, Model Road, Jabalpur	09424367556	Amla, Bael, Harra, Behera, Bach, Kalmegh (in bulk quantities) Ashwagandha, Sarpagandha, Dhawai Flower (in small quantities)  N.B. – This Traders deals with more than 30 varieties of Medicinal Herb Produces.	Rs.85/- Harra (Dried & Deseeded) - Rs.35/- to Rs.40/- Harra (Dried) - Rs. 18/- to Rs.20/- Kalmegh (Dried) - Rs.18/- to Rs.20/-	Ashwagandha — Rs. 90/- to Rs.120/- (Best Quality) Sarpgandha — Rs.650/- to Rs.700/- (Best Quality)

At Dhamtari we visited 6 No of Traders out of which only 4 Nos of Traders as per the following list are currently trading Medicinal Herb Produces.

Sl.	l. Name & Address   Contact No of		Medicinal Plant Produces		Procurement Price List of Some Major Traded Produces (Rs. Per KG)		
No.	of the Trade	•	Trader	Traded By the Traded	der	Max. Price (Off Seasonal)	Min. Price (During Harvesting)
1.	Mr. Asl	ok	09967477099	Amla, Bael, Harra, H	Behera,	Amla – Rs.75/- to	Amla – Rs.40/- to
	Modi			Bach, Kalmegh		Rs.80/-	Rs.50/-
	At – Gol Baz	ar,		Ashwagandha,		Harra (Dried &	
	Dhamtari			Sarpagandha, I	Dhawai	Deseeded) –	
				Flower		Rs.35/- to Rs.40/-	

			Т	Hanna (Doi- 1) Da	
			N.B. – This Traders deals with	Harra (Dried) – Rs. 18/- to Rs.20/-	
			more than 30 varieties of	Kalmegh (Dried) -	
			Medicinal Herb Produces.	Rs.15/- to Rs.18/-	
				Ashwagandha – Rs.	Ashwagandha –
				120/- to Rs.150/-	
				(Best Quality)	`
				Sarpgandha –	Quality)
				Rs.550/- to Rs.750/- (Best	Sarpgandha –
				`	Rs.650/- to Rs.800/- (Best
				Quality) Dhawai Flower	`
					Quality)
				(Dried) – Rs. 30/- to Rs.35/-	
2.	Mr. Dilawar	09425504665	Amla Daal Harra Dahara	Amla – Rs.75/- to	Amla – Rs.40/- to
۷.	Rokdia	09423304003	Amla, Bael, Harra, Behera, Bach, Kalmegh, Dhawai	Rs.80/-	Rs.50/-
	At –		Flower	Harra (Dried &	NS.30/-
	Ghadibazar,		1 lower	Deseeded) –	
	Dhamtari		N.B. – This Traders deals with	Rs.35/- to Rs.40/-	
	ומוותמוז		more than 30 varieties of	Harra (Dried) – Rs.	
			Medicinal Herb Produces.	18/- to Rs.20/-	
				Kalmegh (Dried) -	
				Rs.15/- to Rs.18/-	
				Ashwagandha – Rs.	Ashwagandha –
				120/- to Rs.150/-	Rs. 80/- to
				(Best Quality)	Rs.110/- (Best
				Sarpgandha –	Quality)
				Rs.550/- to	Sarpgandha –
				Rs.750/- (Best	Rs.650/- to
				Quality)	Rs.800/- (Best
				Dhawai Flower	Quality)
				(Dried) – Rs. 30/-	( )
				to Rs.35/-	
3.	Kirana Trading	09425214768	Amla, Bael, Harra, Behera,	Amla – Rs.75/- to	Amla – Rs.40/- to
	Co.		Bach, Kalmegh, Dhawai	Rs.80/-	Rs.50/-
	At – Gayatri		Flower	Harra (Dried &	
	Nagar, Near			Deseeded) –	
	Bus Stand,		N.B. – This Traders deals with	Rs.35/- to Rs.40/-	
	Dhamtari		more than 30 varieties of	Harra (Dried) – Rs.	
			Medicinal Herb Produces.	18/- to Rs.20/-	
				Kalmegh (Dried) -	
				Rs.15/- to Rs.18/-	
				Dhawai Flower	
				(Dried) – Rs. 30/-	
				to Rs.35/-	
4.	Sri Tirupati	09171766661	Amla, Bael, Harra, Behera,	Amla – Rs.75/- to	
	Balaji	08889666602	Bach, Kalmegh,	Rs.80/-	Rs.45/-
	At – Ghadi		Ashwagandha,	Bal Harra –	
	Chowk,		Sarpagandha, Dhawai	Rs.110/- to	
	Dhamtari		Flower, Pippli, Nirmali	Rs.120/-	
			Seeds, etc.	Harra (Dried &	
			ND ON THE STATE OF	Deseeded) –	
			N.B. – This Traders deals with more than 150 varieties of	Rs.30/- to Rs.35/-	
			Medicinal Herb Produces &	Harra (Dried) – Rs.	
			Powder form of all the herbs	18/- to Rs.20/-	
				Kalmegh (Dried) -	
				Rs.18/- to Rs.20/-	
				Bach - Rs.30/- to	
				Rs.35/-	

Bael (Drie	ed Pulp) –		
Rs.15/- to	Rs.20/-		
Ashwagan	ndha - Rs.		
150/- to	Rs.180/-		
(Best Qua	ılity)	Ashwagandha	a –
Sarpgand	•	I	to
Rs.750/-		Rs.120/-	(Best
	(Best		`
Quality)	,	Sarpgandha	_
	Flower		to
	Rs. 30/-		(Best
to Rs.35/-		Quality)	`
Pippli (	Small -	37	
	s.420/- to		
Rs.450/-			
	(Big –		
Imported	/		
Cultivated	· — (f		
Rs.550/-	to		
Rs.590/-	•		

In the morning of 20<sup>th</sup> August 2023 we searched the markets of Raipur (Gol Bazar) and after deep searching met with 2 no of traders at Raipur as per the following list.

~ ·				Procurement Price List	
Sl.	Name & Address	Contact No of	Medicinal Plant Produces	Produces (R	
No.	of the Trader	Trader	Traded By the Trader	Max. Price (Off Seasonal)	Min. Price (During
1.	Keshrimal	0771-	Amla, Bael, Harra, Behera,	Amla – Rs.75/- to	Harvesting) Amla – Rs.35/- to
1.	Kasturchand	2535718	Bach, Kalmegh,	Rs.80/-	Rs.45/-
		2333716	,		NS.43/-
	Jain		Ashwagandha, Sarpagandha,		
	At – Chudiline,		Dhawai Flower, Pippli,	Rs.110/- to Rs.120/-	
	Gol Bazar,		Nirmali Seeds, etc.	Harra (Dried &	
	Raipur		N.D. This Tour days deals with	Deseeded) – Rs.30/-	
			N.B. – This Traders deals with more than 300 varieties of	to Rs.35/-	
			Medicinal Herb Produces.	Harra (Dried) – Rs.	
				18/- to Rs.20/-	
				Kalmegh (Dried) -	
				Rs.18/- to Rs.20/-	
				Bach - Rs.30/- to	
				Rs.35/-	
				Bael (Dried Pulp) –	
				Rs.15/- to Rs.20/-	
				Ashwagandha – Rs.	
				150/- to Rs.180/-	
				(Best Quality)	
				Sarpgandha –	
				Rs.750/- to	
				Rs.800/- (Best	Ashwagandha –
				Quality)	Rs. 90/- to
				Dhawai Flower	Rs.120/- (Best
				(Dried) - Rs. 30/- to	Quality)
				Rs.35/-	Sarpgandha –
				Pippli (Small - Indi)	Rs.550/- to
				– Rs.420/- to	Rs.650/- (Best
				Rs.450/-	Quality)
				Pippli (Big -	
				Imported /	
				Cultivated) –	

				Rs.550/- to Rs.590/-	
2.	Satya Narayan	0925504809	Amla, Bael, Harra, Behera,	Amla – Rs.75/- to	Amla – Rs.35/- to
	Rathi		Bach, Kalmegh, Dhawai	Rs.80/-	Rs.40/-
	At – Gol		Flower	Harra (Dried &	
	Bazar, Raipur			Deseeded) – Rs.35/-	
	_		N.B. – This Traders deals with	to Rs.40/-	
			more than 30 varieties of	Harra (Dried) – Rs.	
			Medicinal Herb Produces.	18/- to Rs.20/-	
				Kalmegh (Dried) -	
				Rs.15/- to Rs.18/-	
				Dhawai Flower	
				(Dried) - Rs. 30/- to	
				Rs.35/-	





### Remarks:

- ❖ During this tour in Madhya Pradesh we met with 27 No of Traders (12 in Katni, 8 in Shahdol and 7 in Jabalpur). But during our interaction we found that only 12 No of traders are currently trading in Medicinal Herb Produces. The reason as they stated was the availability of Medicinal Produces are getting decreased day by day and due to competition the profitability has also reduced.
- Similarly in Chhatisgarh we visited 8 No of Traders (6 in Dhamtari and 2 in Raipur) out of which 6 no of traders have been continuing with this trade and the reason is same as mentioned above.
- Transportation and quality of Medicinal Herb Produces are the major concern of all these traders.
- The procurement price mentioned in this report is their spot price at which they are procuring the medicinal herb produces at their door steps.

Date of Visit :  $21^{st}$  August  $-26^{th}$  August, 2023.

Purpose of Visit : Market study of medicinal plants in Kolkata and Siliguri market of West Bengal.

Team Member : Dr. Gagan Bihari Sahoo

Mr. Alok Kumar Srichandan

### Market Survey & Data Collection:

In this context we proceeded to Kolkata on 21<sup>st</sup> August 2023 and proceeded to Cotton Street, Badabazar, Kolkata for medicinal plants market survey. There are more than 30 herbal traders in Cotton Street, Canning Street and Sealdah. In two days we interviewed herbal market vendors (5) with the highest customer density and product quantity. We used semi-structured questionnaires and open-ended interviews with these questionnaires are drugs wise quantity procurement per annum, last three years procurement data species wise, last three years sales data species wise, where are you procured raw materials, who are the main buyers, and which part of plants highest sale and which parts are lowest sale like flower, leaves, fruit, seed, whole plant, heart wood, rhizome, bark and root. Compiled data is furnished below in Table-.

Table-1

		MEDICINAL PL	ANTS PRICE DAT	A COLLEC	ΓΙΟΝ		
SL. No	Name of the Medicinal Plants	Botanical Name	Traders Name & Address	Quantity of Procurem ent per year	Procure ment Price (Per Kg.)	Where are you Procured	Who are the main buyers
			Basant Traders, 169, Cotton Street,				Auyrvedi c
			Kolkata - 700007,				Medicine
			Tel. No-033-				Manufact
1	Ashwagandha	Withania somnifera	22581317	450-500 Ton	Rs. 215- 275	, W.B & , MP	urers WB, Odisha,
						WB &	Assam
		Rauvolfia		120-130	Rs. 850-	Mayurbha	and
2	Sarpagandha	serpentina		Ton	1000	nj, Odisha	Jharkhan d.
3	Tulsi (Dry Leaves)	Ocimum sanctum		8-10Ton	Rs. 40	Medinapur , WB	u.
	Tuisi (Biy Leaves)			0 101011	145. 10	Medinapur	
4	Brahmi (Dry)	Bacopa monnieri		18-20Ton	Rs. 70	, WB	
5	Guduchi	Tinospora		12-15 Ton	Rs. 60	WB	
3	Guduciii	cordifolia		12-13 1011	KS. 00	Siliguri,	
		Asparagus		1200-1500		WB &	
6	Satavari	racemosus		Ton	Rs. 400	Nepal	
7	Amla (Duv)	Phyllanthus emblica		600-700 Ton	Rs. 115	UP & MP	
/	Amla (Dry)	Terminalia		450-500	KS. 113	UF & MIF	
8	Harida (Seed less)	chebula		Ton	Rs. 45	WB	
		Terminalia		450-500			
9	Bahada (Seed Less)	bellirica		Ton 200-250	Rs. 24	WB	
10	Bhineem (Dry)	Andrographis paniculata		200-250 Ton	Rs. 40	WB	
10		Phyllanthus Phyllanthus		100-120		2	
11	Bhui amla (Dry)	niruri		Ton	Rs. 85	WB	
10	D'	D. 1		400-450	D = 650	South	
12	Pippali	Piper longum		Ton 400-450	Rs. 650	India South	
13	Golamaricha	Piper nigrum		Ton	Rs. 800	India	
		1 3				Medinapur	
14	Mandukaparni (Dry)	Centella asiatica		50-70 Kg	Rs. 60	, WB	

l	İ	0	1	700 750	l	WD
15	Tihudi	Operculina turpethum		700-750 Ton	Rs. 155	WB, Odisha
13	I IIIUUI	тигретпит Gymnema		100-120	KS. 133	South
1.6	Cu du ma o mi	2			Da 240	
16	Gudumari	sylvestre	_	Ton	Rs. 240	India
		DI I				Odisha,
17	C1-141-	Plumbago		50.70 T	D = 250	South
17	Chitrak	zeylanica	<u> </u>	50-70 Ton	Rs. 250	India
1.0	TD 1 1'	Curculigo		50 70 F	D 220	WB &
18	Talamuli	orchioides	_	50-70 Ton	Rs. 220	Odisha
10	D1 1 1 1	Oroxylum		40. <b>5</b> 0. <b>F</b>	5 75	Odisha,
19	Phanaphana bark	indicum	<u> </u>	40-50 Ton	Rs. 75	WB
•				150-170		
20	Bruhati	Solanum indicum	_	Ton	Rs. 70	WB
						Odisha,
						Chattisgar
21	Krushnaparni	Uraria picta	_	30-40 Ton	Rs. 80	h
						Odisha,
		Desmodium				Chattisgar
22	Salapanri	gangeticum		70-80 Ton	Rs.75	h
		Solanum		150-170		
23	Kantakari	virginianum		Ton	Rs. 40	WB
		Cyperus		200-230		WB
24	Mutha	rotundus		Ton	Rs. 100	&Odisha
				1250-1300		Mayurbha
25	Asoka bark	Sarac asoca		Ton	Rs. 40	nj, Odisha
		Symplocos		600-700		Medinapur
26	Lodhra bark	racemosa		Ton	Rs. 85	, WB
-	200mm omn	. Doenvosev		200-220	115. 02	Chennai,
27	varuna bark	Cratava nurvula		Ton	Rs140	TN
	raraila bark	Terminalia Terminalia		300-350	110110	Odisha,
28	Arjuna bark	arjuna		Ton	Rs. 45	WB
20	rujuna vark	игјини		1 011	13. 73	ע זיי ן

### Table-2

		MEDICINAL PL	ANTS PRICE DAT	A COLLECT	ΓΙΟΝ		
SL. No	Name of the Medicinal Plants	Botanical Name	Traders Name & Address	Quantity of Procurem ent per year	Procure ment Price (Per Kg.)	Where are you Procured	Who are the main buyers
			Dutta & Dutta,	J	<del></del>		Auyrvedi
			162, Cotton Street,				С
			Kolkata - 700007,				Medicine
			Tel. No-033-				Manufact
		Withania	22582806	150-200		W.B &	urers
1	Ashwagandha	somnifera		Ton	Rs. 250	, W.B &	WB,
1	Asiiwagailulia	somnijera		1011	KS. 230	,	Odisha,
		Rauvolfia		80-100		WB & Mayurbha	Assam and
2	Sarpagandha	serpentina		Ton	Rs. 850	nj, Odisha	Jharkhan
						Medinapur	d.
3	Tulsi (Dry Leaves)	Ocimum sanctum		5-6Ton	Rs. 45	, WB	
						Medinapur	
4	Brahmi (Dry)	Bacopa monnieri		6-8Ton	Rs. 75	, WB	
		Tinospora					
5	Guduchi	cordifolia		12-15 Ton	Rs. 60	WB	
						Siliguri,	
		Asparagus		400-500	D 450	WB &	
6	Satavari	racemosus		Ton	Rs. 450	Nepal	
_	A 1 (D )	Phyllanthus		450-500	D 115	IID 0 MD	
7	Amla (Dry)	emblica		Ton	Rs. 115	UP & MP	
8	Harida (Seed less)	Terminalia		350-400	Rs. 45	WB	

i	I	1 , , ,
		chebula
		Terminalia
9	Bahada (Seed Less)	bellirica
		Andrographis
10	Bhineem (Dry)	paniculata
		Phyllanthus
11	Bhui amla (Dry)	niruri
12	Pippali	Piper longum
10	G 1 1 1	D: :
13	Golamaricha	Piper nigrum
1 1	Mandulanami (De-	Contalla asiatis
14	Mandukaparni (Dry)	Centella asiatica
1.~	TP31 43	Operculina
15	Tihudi	turpethum
1.0		Gymnema
16	Gudumari	sylvestre
		Dll
17	Chitant	Plumbago
17	Chitrak	zeylanica
10	7D 1 1'	Curculigo
18	Talamuli	orchioides
10	D1 1 1 1	Oroxylum
19	Phanaphana bark	indicum
20	Bruhati	Solanum indicum
20	Drunau	Solanum inalcum
21	Krushnaparni	Uraria picta
21	Krusimaparm	Oraria picia
		Desmodium
22	Salapanri	gangeticum
	<b>T</b>	Solanum
23	Kantakari	virginianum
		Cyperus
24	Mutha	rotundus
		7
25	Asoka bark	Sarac asoca
23	1 ISONA DAIN	Symplocos
26	Lodhra bark	racemosa
20	Louina oark	racemosa
27	varuna bark	Cratava nurvula
	with Owill	Terminalia
28	Arjuna bark	arjuna
20	rnjuna oark	arjuna

Ton		
350-400		
Ton	Rs. 24	WB
150-200		
Ton	Rs. 45	WB
150-200		
Ton	Rs. 85	WB
200-250		South
Ton	Rs. 650	India
200-250		South
Ton	Rs. 800	India
		Medinapur
20-30 Kg	Rs. 60	, WB
400-550		WB,
Ton	Rs. 155	Odisha
80-100		South
Ton	Rs. 240	India
		Odisha,
		South
10-15 Ton	Rs. 250	India
		WB &
50-70 Ton	Rs. 220	Odisha
		Odisha,
40-50 Ton	Rs. 75	WB
150-170		
Ton	Rs. 70	WB
		Odisha,
		Chattisgar
30-40 Ton	Rs. 80	h
		Odisha,
		Chattisgar
70-80 Ton	Rs.75	h
150-170		
Ton	Rs. 40	WB
200-230		WB
Ton	Rs. 100	&Odisha
1250-1300		Mayurbha
Ton	Rs. 40	nj, Odisha
600-700		Medinapur
Ton	Rs. 85	, WB
200-220		Chennai,
Ton	Rs140	TN
300-350		Odisha,
Ton	Rs. 45	WB

Table-3

	MEDICINAL PLANTS PRICE DATA COLLECTION							
SL. No	Name of the Medicinal Plants	Botanical Name	Traders Name & Address	Quantity of Procurem ent per year	Procure ment Price (Per Kg.)	Where are you Procured	Who are the main buyers	
			Shiba Pada Kundu				Auyrvedi	
			& Sons, 168B,				С	
			Cotton Street,				Medicine	
			Kolkata - 700007,				Manufact	
1	Ashwagandha	Withania somnifera	Mob. No- 8910877928	120-180 Ton	Rs. 250	, W.B & , MP	urers WB,	

					WB &	Odisha,
		Rauvolfia	200-250		Mayurbha	Assam
2	Sarpagandha	serpentina	Ton	Rs. 850	nj, Odisha	and
_	~ uz pugumum	ser permite	1 011	1157 50 5	Medinapur	Jharkhan
3	Tulsi (Dry Leaves)	Ocimum sanctum	9-10Ton	Rs. 45	, WB	d.
	,				Medinapur	
4	Brahmi (Dry)	Bacopa monnieri	12-15Ton	Rs. 75	, WB	
	(==)/	Tinospora			,	
5	Guduchi	cordifolia	8-10 Ton	Rs. 60	WB	
		J			Siliguri,	
		Asparagus	200-250		WB &	
6	Satavari	racemosus	Ton	Rs. 450	Nepal	
		Phyllanthus	600-650		•	
7	Amla (Dry)	emblica	Ton	Rs. 115	UP & MP	
		Terminalia	250-300			
8	Harida (Seed less)	chebula	Ton	Rs. 45	WB	
		Terminalia	250-300			
9	Bahada (Seed Less)	bellirica	Ton	Rs. 24	WB	
		Andrographis	150-200			
10	Bhineem (Dry)	paniculata	Ton	Rs. 45	WB	
		Phyllanthus	150-200			
11	Bhui amla (Dry)	niruri	Ton	Rs. 85	WB	
			400-500		South	
12	Pippali	Piper longum	Ton	Rs. 650	India	
			600-650		South	
13	Golamaricha	Piper nigrum	Ton	Rs. 800	India	
					Medinapur	
14	Mandukaparni (Dry)	Centella asiatica	20-30 Kg	Rs. 60	, WB	
		Operculina	1000-1250		WB,	
15	Tihudi	turpethum	Ton	Rs. 155	Odisha	
		Gymnema			South	
16	Gudumari	sylvestre	60-70 Ton	Rs. 240	India	
					Odisha,	
		Plumbago			South	
17	Chitrak	zeylanica	10-15 Ton	Rs. 250	India	
		Curculigo	90-100		WB &	
18	Talamuli	orchioides	Ton	Rs. 220	Odisha	
		Oroxylum			Odisha,	
19	Phanaphana bark	indicum	45-50 Ton	Rs. 75	WB	
			150-170			
20	Bruhati	Solanum indicum	Ton	Rs. 70	WB	
					Odisha,	
					Chattisgar	
21	Krushnaparni	Uraria picta	10-12 Ton	Rs. 80	h	
		<u>.</u>			Odisha,	
2.2	G 1 .	Desmodium	15.00 =	D 77	Chattisgar	
22	Salapanri	gangeticum	15-20 Ton	Rs.75	h	
22	TZ 4 1 .	Solanum	250-300	D 40	***	
23	Kantakari	virginianum	Ton	Rs. 40	WB	
24	Mutho	Cyperus	200-230	Do 100	WB	
24	Mutha	rotundus	Ton	Rs. 100	&Odisha	
_			150-200		Mayurbha	
25	Asoka bark	Sarac asoca	Ton	Rs. 40	nj, Odisha	
_		Symplocos	200-300		Medinapur	
26	Lodhra bark	racemosa	Ton	Rs. 85	, WB	
		_	<b>50.5</b> 6 =	D 112	Chennai,	
27	varuna bark	Cratava nurvula	50-70 Ton	Rs140	TN	
•		Terminalia	100-150	D 15	Odisha,	
28	Arjuna bark	arjuna	Ton	Rs. 45	WB	

		MEDICINAL PL	ANTS PRICE DATA	A COLLEC	ΓΙΟΝ		
				Quantity			
				of	Procure		
				Procure	ment	Where are	Who are
SL.	Name of the		Traders Name &	ment per	Price	you	the main
No	Medicinal Plants	<b>Botanical Name</b>	Address	year	(Per Kg.)	Procured	buyers
			AGA Herbs &				Auyrvedi
			Herbal, 61,				С
			Canning Street,				Medicine
			Teretti, Kolkata,				Manufact
		Withania	Mob. No-	120-125		. W.B &	urers WB,
1	Ashwagandha	somnifera	09038211786	Ton	Rs. 250	, MP	Odisha,
						WB &	Assam and
		Dannalfia		80-100			Jharkhand
2	Sarpagandha	Rauvolfia serpentina		Ton	Rs. 850	Mayurbha nj, Odisha	Jilai Kilailu
	Sarpaganuna	serpentina		1011	KS. 650	Medinapur	•
3	Tulsi (Dry Leaves)	Ocimum sanctum		1-1.2Ton	Rs. 45	, WB	
3	Tuisi (Diy Leaves)	Octinum sanctum		1-1.21011	Ks. 43	Medinapur	
4	Brahmi (Dry)	Bacopa monnieri		4-4.5Ton	Rs. 75	, WB	
	Diamin (Diy)	Tinospora		4-4.51011	Ks. 75	, чъ	
5	Guduchi	cordifolia		2-2.5 Ton	Rs. 60	WB	
	_ <del></del>	3.2.2.30000				Siliguri,	
		Asparagus		40-45		WB &	
6	Satavari	racemosus		Ton	Rs. 450	Nepal	
		Phyllanthus		200-250		•	
7	Amla (Dry)	emblica		Ton	Rs. 115	UP & MP	
	. •	Terminalia		150-200			
8	Harida (Seed less)	chebula		Ton	Rs. 45	WB	
		Terminalia		150-180			
9	Bahada (Seed Less)	bellirica		Ton	Rs. 24	WB	
		Andrographis		30-35			
10	Bhineem (Dry)	paniculata		Ton	Rs. 45	WB	
		Phyllanthus					
11	Bhui amla (Dry)	niruri		2-3 Ton	Rs. 85	WB	
10	D' 1'	n: 1		40-45	D 650	South	
12	Pippali	Piper longum		Ton	Rs. 650	India	
1.2	Calama dala	D' '		60.65Team	D = 000	South	
13	Golamaricha	Piper nigrum		60-65Ton 10-15	Rs. 800	India Medinapur	
14	Mandukaparni (Dry)	Centella asiatica		Ton	Rs. 60	, WB	
14	Wandukaparin (Diy)	Operculina		200-250	Ks. 00	WB,	
15	Tihudi	turpethum		Ton	Rs. 155	Odisha	
13	1111441	Gymnema		15-20	100. 100	South	
16	Gudumari	sylvestre		Ton	Rs. 240	India	
						Odisha,	
		Plumbago				South	
17	Chitrak	zeylanica		1-1.5 Ton	Rs. 250	India	
		Curculigo		20-30		WB &	
18	Talamuli	orchioides		Ton	Rs. 220	Odisha	
		Oroxylum		45-50		Odisha,	
19	Phanaphana bark	indicum		Ton	Rs. 75	WB	
				25-30			
20	Bruhati	Solanum indicum		Ton	Rs. 70	WB	
21	Krushnaparni	Uraria picta					
		Desmodium					
22	Salapanri	gangeticum					
	•	Solanum		10-12			
23	Kantakari	virginianum		Ton	Rs. 40	WB	
				50-60		WB	
24	Mutha	Cyperus rotundus		Ton	Rs. 100	&Odisha	
							<del></del>

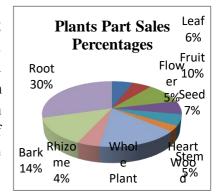
25	Asoka bark	Sarac asoca	150-200 Ton	Rs. 40	Mayurbha nj, Odisha
		Symplocos	150-200		Medinapur
26	Lodhra bark	racemosa	Ton	Rs. 85	, WB
27	varuna bark	Cratava nurvula			
		Terminalia	80-100		Odisha,
28	Arjuna bark	arjuna	Ton	Rs. 45	WB

Table -5

1	able -5				_		
		MEDICINAL PL	ANTS PRICE DATA		TION	T	I
				Quantity	_		
				of	Procure		
				Procure	ment	Where are	Who are
SL.	Name of the		Traders Name &	ment per	Price	you	the main
No	Medicinal Plants	<b>Botanical Name</b>	Address	year	(Per Kg.)	Procured	buyers
			Herbal House,				Auyrvedi
			HQCC, F8X,				c
			Sealdah Road,				Medicine
			Baithak Khanna,				Manufact
			Kolkata-700009				urers WB,
		Withania		250-275		, W.B &	Odisha,
1	Ashwagandha	somnifera		Ton	Rs. 250	, MP	Assam
						WB &	and
		Rauvolfia		80-90		Mayurbha	Jharkhand
2	Sarpagandha	serpentina		Ton	Rs. 850	nj, Odisha	
	1 0	1				Medinapur	
3	Tulsi (Dry Leaves)	Ocimum sanctum		4-4.5Ton	Rs. 45	, WB	
						Medinapur	
4	Brahmi (Dry)	Bacopa monnieri		6-6.5Ton	Rs. 75	, WB	
-	Diamin (Dij)	Tinospora		0 0.01011	113.75	, ,, ,	
5	Guduchi	cordifolia		9-9.5 Ton	Rs. 60	WB	
	Guddelli	Coraijona		7 7.5 1011	10.00	Siliguri,	
		Asparagus		100-120		WB &	
6	Satavari	racemosus		Ton	Rs. 450	Nepal	
	Suuvuii	Phyllanthus		350-400	10. 150	rtepur	
7	Amla (Dry)	emblica		Ton	Rs. 115	UP & MP	
	rima (Diy)	Terminalia		250-275	103.113	Of a lvii	
8	Harida (Seed less)	chebula		Ton	Rs. 45	WB	
	Tiariaa (Seed 1633)	Terminalia		180-200	10. 43	, , , <u>, , , , , , , , , , , , , , , , </u>	
9	Bahada (Seed Less)	bellirica		Ton	Rs. 24	WB	
	Danada (Seed Less)	Andrographis		45-50	K5. 2-	, , , , ,	
10	Bhineem (Dry)	paniculata		Ton	Rs. 45	WB	
10	Binneem (Bry)	Phyllanthus Phyllanthus		15-20	10. 43	, , , , ,	
11	Bhui amla (Dry)	niruri		Ton	Rs. 85	WB	
	Bhai anna (Biy)			120-150	10.03	South	
12	Pippali	Piper longum		Ton	Rs. 650	India	
12	Тіррин	1 iper tongum		250-300	103.030	South	
13	Golamaricha	Piper nigrum		Ton	Rs. 800	India	
13	Goldmaricha	1 iper nigrum		18-20	<b>R</b> 3. 000	Medinapur	
14	Mandukaparni (Dry)	Centella asiatica		Ton	Rs. 60	, WB	
14	Wandukaparin (Dry)	Operculina		450-500	Ks. 00	WB,	
15	Tihudi	turpethum		Ton	Rs. 155	Odisha	
13	1 IIIUUI	- Gymnema		1 011	10.133	South	
16	Gudumari	sylvestre		6-8 Ton	Rs. 240	India	
10	Guuuman	sylvesile		0-0 1011	13. 240	Odisha,	
		Plumbago				South	
17	Chitrak	zeylanica		1-1.5 Ton	Rs. 250	India	
1 /	Cintrax	Curculigo		40-45	13. 230	WB &	
18	Talamuli	orchioides		Ton	Rs. 220	Odisha	
10	ı alalıluli	Oroxylum Oroxylum		80-90	13. 220	Odisha,	
19	Phanaphana bark	indicum		Ton	Rs. 75	WB	
	•						
20	Bruhati	Solanum indicum		25-30	Rs. 70	WB	

			Ton		
					Odisha
21	Krushnaparni	Uraria picta	3-4 Ton	Rs. 70	
		Desmodium			Odisha
22	Salapanri	gangeticum	5-6 Ton	Rs. 60	
		Solanum	10-12		
23	Kantakari	virginianum	Ton	Rs. 40	WB
			30-40		WB
24	Mutha	Cyperus rotundus	Ton	Rs. 100	&Odisha
			250-300		Mayurbha
25	Asoka bark	Sarac asoca	Ton	Rs. 40	nj, Odisha
		Symplocos	180-200		Medinapur
26	Lodhra bark	racemosa	Ton	Rs. 85	, WB
27	varuna bark	Cratava nurvula	6-8 Ton	Rs. 85	Chennai
•		Terminalia	20-25		Odisha,
28	Arjuna bark	arjuna	Ton	Rs. 45	WB

As per our observation we found that all the traders are procuring cultivated raw-drugs from Medinapur (WB) like Brahmi, Mandukaparni, Bruhati, Kantakari and ashwagandha from Mursidabad, West Bengal and Madhya Pradesh. Maximum roots, barks and rhizomes are procuring from Mayurbhanj district of Odisha. Maximum spices items are procuring from South India. In this study in Kolkata market we found that each part of medicinal plants percentages procuring from different parts of India. Pie chat given below.



Next we visited Mahaveerstan, Siliguri and found that around 15 numbers of traders are there. We were discussed with major three traders all the collected data are given below.

Table-1

		MEDICINAL PL	ANTS PRICE DATA	COLLEC	ΓΙΟΝ		
SL. No	Name of the Medicinal Plants	Botanical Name	Traders Name & Address	Quantity of Procure ment per year	Procure ment Price (Per Kg.)	Where are you Procured	Who are the main buyers
1	Ashwagandha	Withania somnifera	Suryabansi & Rajbansi Trades, New Market, Sirak, Dist- Darjiling, Mob No- 9832017291	450-500 Ton	Rs. 280	Pradesh &	Auyrvedi c Medicine Manufact urers WB, Assam
1	Ashwaganuna	sommjera		1011	Ks. 200		and all NE
2	Sarpagandha	Rauvolfia serpentina		125-150 Ton	Rs. 950	NE States & Nepal	States.
3	Tulsi (Dry Leaves)	Ocimum sanctum		8-9 Ton	Rs. 120	Medinapur , WB	
4	Brahmi (Dry)	Bacopa monnieri		10-12 Ton	Rs. 60- 150	Assam & WB	
5	Guduchi	Tinospora cordifolia		9-9.5 Ton	Rs. 60	WB	
6	Satavari	Asparagus racemosus		250-300 Ton	Rs. 450	Siliguri, WB & Nepal	
7	Amla (Dry)	Phyllanthus emblica		700-750 Ton	Rs. 100- 115	UP & MP	
8	Harida (Seed less)	Terminalia		375-400	Rs. 60	WB,	

		chebula
		Terminalia
9	Bahada (Seed Less)	bellirica
	,	Andrographis
10	Bhineem (Dry)	paniculata
	• • • • • • • • • • • • • • • • • • • •	Phyllanthus
11	Bhui amla (Dry)	niruri
12	Pippali	Piper longum
13	Golamaricha	Piper nigrum
		1 0
14	Mandukaparni (Dry)	Centella asiatica
	1	Operculina
15	Tihudi	turpethum
		Gymnema
16	Gudumari	sylvestre
		Plumbago
17	Chitrak	zeylanica
1,	Cintrun	Curculigo
18	Talamuli	orchioides
		Oroxylum
19	Phanaphana bark	indicum
20	Bruhati	Solanum indicum
21	Krushnaparni	Uraria picta
		Desmodium
22	Salapanri	gangeticum
	·· <b>P</b> ···	Solanum
23	Kantakari	virginianum
		_
24	Mutha	Cyperus rotundus
25	Asoka bark	Sarac asoca
	1 ISONU UUI N	Symplocos
26	Lodhra bark	racemosa
27	varuna bark	Cratava nurvula
28	Arjuna bark	Terminalia arjuna
Table		итјини
iauie	-/	

i		
Ton		Assam
200-250		WB,
Ton	Rs. 40	Assam
45-50		WB,
Ton	Rs. 60	Assam
15-20		Siliguri,
Ton	Rs. 85	Assam
150-180		South
Ton	Rs. 620	India
230-250		South
Ton	Rs. 705	India
18-20		Medinapur
Ton	Rs. 60	, WB
450-500		
Ton	Rs. 155	WB, Nepal
5-6 Ton	Rs. 220	Assam
2-2.5 Ton	Rs. 220	Nepal
20-25		WB &
Ton	Rs. 220	Assam
80-90		
Ton	Rs. 75	WB, Nepal
25-30		
Ton	Rs. 70	WB
		Nepal
3-4 Ton	Rs. 70	
		Assam,
2-3 Ton	Rs. 60	Nepal
2 3 1 011	145.00	_
2-2.5Ton	Rs. 40	WB
10-15		2
Ton	Rs. 100	WB
300-350		
Ton	Rs. 40	Nepal
200-250	13. 40	терат
Ton	Rs. 80	Nepal
		Chennai
6-8 Ton 20-25	Rs. 85	
20-25 Ton	Dc 45	Assam, WB
1 OII	Rs. 45	WB

Table -2

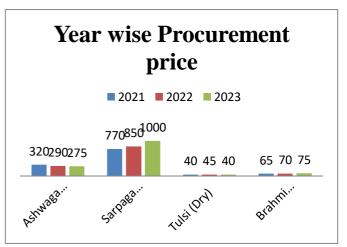
		MEDICINAL PL	ANTS PRICE DATA	COLLEC	ΓΙΟΝ		
				Quantity	_		
				of Procure	Procure	Whoma and	Who are
SL.	Name of the		Traders Name &	ment per	ment Price	Where are	the main
No	Medicinal Plants	<b>Botanical Name</b>	Address	year	(Per Kg.)	you Procured	buyers
110	1.1cuiciiui 1 iuliu	20tumeur rume	Tauji Ki Dukan,	jeui	(1 (1 116.)	210cured	Auyrvedi
			Mahaveerstan,				c
			Siliguri, Mob No-				Medicine
			94343539007				Manufact
		Withania		50-60		radesh &	urers WB,
1	Ashwagandha	somnifera		Ton	Rs. 280	radesii &	Assam
	7 isiiwaganana	Somme		1011	145. 200		and all
		Dannalfia				NE States	NE States.
2	Sarpagandha	Rauvolfia serpentina		5-6 Ton	Rs. 950	& Nepal	States.
	Burpugunana	serpennia		3 0 1011	10. 750	Medinapur	
3	Tulsi (Dry Leaves)	Ocimum sanctum		.5-1 Ton	Rs. 120	, WB	
·	· · · · · · · · · · · · · · · · · · ·				Rs. 60-	Assam &	
4	Brahmi (Dry)	Bacopa monnieri		1-1.5 Ton	150	WB	

	 	Tinospora		1	1	
5	Guduchi	cordifolia		2-2.5 Ton	Rs. 60	WB
	Guduciii	Coragona		<i>2</i> -2.3 1011	13.00	Siliguri,
ļ		Asparagus		50-70		WB &
6	Satavari	racemosus		Ton	Rs. 500	Nepal
	~~~	Phyllanthus Phyllanthus		100-120	Rs. 100-	Tiopai
7	Amla (Dry)	emblica		Ton	115	UP & MP
	11111W (21j)	Terminalia		30-35	110	WB,
8	Harida (Seed less)	chebula		Ton	Rs. 60	Assam
		Terminalia		20-25		WB,
9	Bahada (Seed Less)	bellirica		Ton	Rs. 40	Assam
	,	Andrographis				WB,
10	Bhineem (Dry)	paniculata		5-6 Ton	Rs. 60	Assam
		Phyllanthus				Siliguri,
11	Bhui amla (Dry)	niruri		.57 Ton	Rs. 85	Assam
				20-22		South
12	Pippali	Piper longum		Ton	Rs. 620	India
				30-35		South
13	Golamaricha	Piper nigrum		Ton	Rs. 705	India
14	Mandukaparni (Dry)	Centella asiatica				
		Operculina		50-60		
15	Tihudi	turpethum		Ton	Rs. 155	WB, Nepal
		Gymnema				
16	Gudumari	sylvestre				
		Plumbago				
17	Chitrak	zeylanica				
		Curculigo				
18	Talamuli	orchioides				
		Oroxylum		10-15		
19	Phanaphana bark	indicum		Ton	Rs. 75	WB, Nepal
20	Bruhati	Solanum indicum	1			
21	Krushnaparni	Uraria picta				
	•	Desmodium				Assam,
22	Salapanri	gangeticum		2-3 Ton	Rs. 60	Nepal
	Saiapaini	Solanum		2 3 1011	13.00	*
23	Kantakari	virginianum				
24	Mutha	Cyperus rotundus				
∠+	iviutia	Cyperus rotutuus		25.25		
25	Acoleo houle	Canaa as		25-35 Ton	Do 40	Non-al
25	Asoka bark	Sarac asoca		Ton	Rs. 40	Nepal
26	Lodhuo hort	Symplocos		20-25 Ton	Da 90	Non-al
26	Lodhra bark	racemosa		Ton	Rs. 80	Nepal
	varuna bark	Cratava nurvula		2-3 Ton	Rs. 85	Chennai
27						Λ α α α σ το σ
28	Arjuna bark	Terminalia arjuna	•	2-2.5 Ton	Rs. 45	Assam, WB

	MEDICINAL PLANTS PRICE DATA COLLECTION								
				Quantity					
				of	Procure				
				Procure	ment	Where are	Who are		
SL.	Name of the		Traders Name &	ment per	Price	you	the main		
No	Medicinal Plants	<b>Botanical Name</b>	Address	year	(Per Kg.)	Procured	buyers		
			Ganesh Ram &				Auyrvedi		
			Beniram Prasad,				c		
			Mahaveerstan,				Medicine		
			Siliguri, Mob No-				Manufact		
			9832054037				urers WB,		
		Withania		50-55		radesh &	Assam		
1	Ashwagandha	somnifera		Ton	Rs. 280				

						and all
						NE
	G 11	Rauvolfia	12-15	D 050	NE States	States.
2	Sarpagandha	serpentina	Ton	Rs. 950	& Nepal	States.
	TII: (D. I. )		225	D 100	Medinapur	
3	Tulsi (Dry Leaves)	Ocimum sanctum	2-2.5 Ton	Rs. 120	, WB	
1	Duchani (Dury)	Danna mamiani	500-550	Rs. 60-	Assam &	
4	Brahmi (Dry)	Bacopa monnieri	Kg.	150	WB	
5	Guduchi	Tinospora	1-1.5 Ton	Rs. 60	WB	
3	Guduciii	cordifolia	1-1.5 1011	KS. 00	Siliguri,	
		Asparagus	180-200		WB &	
6	Satavari	racemosus	Ton	Rs. 450	Nepal	
	Satavari	Phyllanthus Phyllanthus	350-400	Rs. 100-	Тери	
7	Amla (Dry)	emblica	Ton	115	UP & MP	
	Tima (Bij)	Terminalia	125-150	110	WB,	
8	Harida (Seed less)	chebula	Ton	Rs. 60	Assam	
	(2000)	Terminalia	150-200		WB,	
9	Bahada (Seed Less)	bellirica	Ton	Rs. 40	Assam	
	,	Andrographis	45-50		WB,	
10	Bhineem (Dry)	paniculata	Ton	Rs. 60	Assam	
		Phyllanthus	15-20		Siliguri,	
11	Bhui amla (Dry)	niruri	Ton	Rs. 85	Assam	
			100-120		South	
12	Pippali	Piper longum	Ton	Rs. 620	India	
			210-220		South	
13	Golamaricha	Piper nigrum	Ton	Rs. 705	India	
			12-13		Medinapur	
14	Mandukaparni (Dry)	Centella asiatica	Ton	Rs. 60	, WB	
		Operculina	150-170			
15	Tihudi	turpethum	Ton	Rs. 155	WB, Nepal	
1.0		Gymnema	2.2 5	D 220		
16	Gudumari	sylvestre	2-3 Ton	Rs. 220	Assam	
		Plumbago				
17	Chitrak	zeylanica	1-1.5 Ton	Rs. 220	Nepal	
4.0		Curculigo		D 220	WB &	
18	Talamuli	orchioides	5-7 Ton	Rs. 220	Assam	
10	D1 1 1 1.	Oroxylum	20-25	D - 75	WD Manal	
19	Phanaphana bark	indicum	Ton 09-10	Rs. 75	WB, Nepal	
20	Bruhati	Solanum indicum	Ton	Rs. 70	WB	
20	Diullati	Solunum maicum		KS. 70	Nepal	
21	V.m.olano		200-250	D = 70	терат	
21	Krushnaparni	Uraria picta	Kg.	Rs. 70	Accom	
	G 1 .	Desmodium	1 1 5 5	D 60	Assam, Nepal	
22	Salapanri	gangeticum	1-1.5 Ton	Rs. 60	терат	
22	V a mt alva mi	Solanum	11577-	D = 40	WD	
23	Kantakari	virginianum	1-1.5 Ton	Rs. 40	WB	
24	Mutha	Cyperus rotundus	4-5 Ton	Rs. 100	WB	
			120-150			
25	Asoka bark	Sarac asoca	Ton	Rs. 40	Nepal	
		Symplocos	120-150	<b>D</b>		
26	Lodhra bark	racemosa	Ton	Rs. 80	Nepal	
27	varuna bark	Cratava nurvula	2-2.5 Ton	Rs. 85	Chennai	
		Terminalia	227=	<b>.</b>	Assam,	
28	Arjuna bark	arjuna	2-2.5 Ton	Rs. 45	WB	

- ❖ Information on the total quantity of Withaniasomnifera (roots), Rauhalfia serpentina (roots), Bacopa muniari(dry), and Occimum sanctum(dry leaves) marketed from entire market, and the rates (Rs/kg) in the years 2021, 2022 and 2023 are given below column.
- ❖ As per the survey and discussion with different traders both Kolkata and Siliguri in the last three years medicinal plants requirements are increasing. In the year 2021-2022 due to Covid 19 the medicinal plants requirement was very high like Ashwagandha, Amla, Giloy, Mulethi, Tulsi,



Bacha etc. In this survey we found that 85% of medicinal plants are collecting from wild and only 25% of medicinal plants cultivating. As per the state wise root, bark and rhizomes are collecting maximum from Odisha, Nepal and Assam.

## State Level Seminar on Conservation, Development and Sustainable Management of Medicinal Plants for Rural People and Women in Odisha



Chief Executive, SMPB, Odisha along with other dignitaries on the dies of the Workshop on Conservation, Development and Sustainable Management of Medicinal Plants



Participants of the Workshop on Conservation, Development and Sustainable Management of Medicinal Plants



Participants during the Workshop

Sj. Sudeep Nayak, IFS, Chief Executive, SMPB, Odisha addressing the



### NATION-WIDE CAMPAIGN ON ASHWAGANDHA

# (District wise School Level Essay Writing & Drawing Competition on Ashwagandha as Health Promoter)

Under Nation-wide Champaign on Ashwagandha, Shri Sudeep Nayak, IFS, the Chief Executive, State Medicinal Plants Board, Odisha decided to conduct School Level Awareness Campaigns to promote Ashwagandha consumption and

SCHOOL LEVEL ESSAY & DRAWING COMPETITION

SCHOOL LEVEL ESSAY & DRAWING COMPETITION

Under Nation-vide Campaign Proving And Part National Competition of Comp

District Education Officer, Kalahandi.

cultivation across the state and it was decided to conduct School Level Essay Writing and Drawing competitions in Kalahandi & Subarnapur districts.

The 1<sup>st</sup> District Level Awareness Campaign was planned for Kalahandi district involving 50 no of students from 5 no of High Schools. The event was organized at B.M. High School, Bhawanipatna on 7<sup>th</sup> November 2023 where 25 No of students had participated in Essay Writing Competition and 25 nos had participated in Drawing Competition from these 5 Nos of Schools pre-selected by the



Kalahandi distrit.

The registration of School Level Essay Writing and Drawing Competition under Nation-wide Ashwagandha School, Campaign at B.M. High Bhawanipatna at 10:15 AM. The competition began at 11:15 AM and completed at 12:15 PM. Then valuation was done by independent jury members, eminent teachers from non-participating schools and result was declared in the above 2 events separately by different Jury Teachers. At 1:30 PM the presentation giving ceremony was conducted in presence of Shri Sudeep Nayak, IFS, the Chief Executive, State Medicinal Plants Board, Odisha and Shri Sushant Kumar Chopdar, the District Education Officer cum DPC,

Event wise list of Winners is enclosed in the following table.

Sl.	Name of the Event	Name of the	Name of the School	Position
No		Student		Held
1	Essay Writing	Jaya Rana	Govt. Girl's High School, Bhawanipatna,	1 <sup>st</sup>
	Competition		Kalahandi	
2		Khusbu Bagarti	Municipal High School, Bhawanipatna,	$2^{\text{nd}}$
			Kalahandi	
3		Swatik Ranjan Das	Manikeswari High School, Bhawanipatna,	3 <sup>rd</sup>
		_	Kalahandi	
4	Drawing Competition	Riddhi Rout	Govt. Girl's High School, Bhawanipatna,	1 <sup>st</sup>
			Kalahandi	
5	]	Namrata Majhi	Govt. Girl's High School, Bhawanipatna,	2 <sup>nd</sup>
			Kalahandi	
6		Monalisha Bishi	Manikeswari High School, Bhawanipatna,	3 <sup>rd</sup>
			Kalahandi	



Certificate of appreciation, one Shield and one hot and cold Water Bottle.

Similarly, District Level Awareness Campaign was planned for Kalahandi district involving 50



Schools. The event was organized at Govt. Girl's. High School, Sonepur on 9<sup>th</sup> November 2023 where 25 No of students had participated in Essay Writing Competition and 25 nos had Drawing participated in Competition from these 5 Nos of Schools pre-selected by the District Education Officer, Sonepur.

Position in each event was

The registration of School Level Essay Writing and Drawing Competition under Nation-wide Ashwagandha Campaign at Govt. Girl's. High School, Sonepur at 10:15 AM. The competition began at 11:15 AM and completed at 12:15 PM. Then valuation was done by independent jury members, eminent teachers from non-participating schools and result was declared in the above 2 events separately by different Jury Teachers. At 1:30 PM the presentation giving ceremony was conducted in presence of Shri Sudeep Nayak, IFS, the Chief Executive, State Medicinal Plants Board, Odisha and Dr. Ramakant Gartia, the Addl. District Education Officer, Subarnpur district.



Event wise list of Winners is enclosed in the following table.

Sl.	Name of the Event	Name of the Student	Name of the School	Position
No				Held
1	Essay Writing	Saraswati Padhan	PS Girl's High School, Biramaharajpur,	$1^{st}$
	Competition		Subarnapur	
2		Monalika Sahu	Govt. Girl's High School, Sonepur,	$2^{\text{nd}}$
			Subarnapur	
3		Koyal Dash	S.N. High School, Sibatola, Subarnapur	3 <sup>rd</sup>
4	Drawing Competition	Shreeya Priyadarshini	Govt. Girl's High School, Biramaharajpur,	$1^{st}$
		Meher	Subarnapur	
5		Shreeya Dash	Govt. Girl's High School, Sonepur,	2 <sup>nd</sup>
		-	Subarnapur	
6		Preeti Mukhi	Parameswari High School, Bisipada	3 <sup>rd</sup>



In this event all the participants were presented with one Certificate of Participation and a School Bag as appreciation each. The student getting 1<sup>st</sup> Position in each event was presented with One Certificate of appreciation, one Shield and one Smart Watch. The student getting 2<sup>nd</sup> Position in each event was presented with One Certificate of appreciation, one Shield and one hot and cold Tiffin Box and the student getting 3<sup>rd</sup> Position in each event was presented with One Certificate of appreciation, one Shield and one hot and cold Water Bottle.



### **Drawing Clips done by Some Students**





Drawings of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> Prize winners of School Level Drawing Competition held at B. M. High School, Bhawanipatna, Kalahandi







Drawings of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> Prize winners of School Level Drawing Competition held at Govt. Girls' High School, Sonepur, Subarnapur

### **Print & Electronic Media Clips Covering these Events**

# ରାଜ୍ୟ ଔଷଧୀୟ ଉଦ୍ଭିଦ ପରିଷଦ ପକ୍ଷରୁ ଚିତ୍ରାଙ୍କନ ଓ ପ୍ରବନ୍ଧ ପ୍ରତିଯୋଗିତା

ରାଜ୍ୟ ଔଷଧୀୟ ଉଦ୍ଭିବ ପରିଷବ ଏବଂ ଜଙ୍ଗଲ, ପରିବେଶ ଓ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ବିଭାଗ ପକ୍ଷରୁ ସୋନପୁର ସରକାରୀ ବାଳିକା ହାଇସ୍କୁଲରେ ଅଶ୍ୱଗନ୍ଧା ଉପରେ ଚିଡ଼ାଙ୍କନ ଓ ପ୍ରବନ୍ଧ ପ୍ରତିଯୋଗିତା ଅନୁଷ୍ଠିତ ହୋଇଥିଲା ଏଥିରେ ଶିବତୁଲା

ସୋନପୁର, ୯।୧୧ (ଇମିସ): ଗୁରୁବାର ପ୍ରଥମ, ସୋନପୁର ବାଳିକା ହାଇସ୍କୁଲର ଶ୍ରୀୟା ଦାଶ ଦ୍ୱିତୀୟ, ବିଶିପଡ଼ା ପରମେଶ୍ୱର ହାଇସ୍କୁଲର ପ୍ରୀତି ମୁଖୀ ତୃତୀୟ ସ୍ଥାନ ଅଧିକାର କରିଥିଲେ। ସେହିପରି ପ୍ରବନ୍ଧରେ ବୀରମହାରାଜପୁର ବାଳିକା ହାଇସ୍କୁଲର ସରସ୍ୱତୀ ପଧାନ ପ୍ରଥମ, ସୋନପୁର ବାଳିକା ହାଇସ୍କୁଲର ମୋନାଲିକା ସାହୁ ଦ୍ୱିତୀୟ,

ଶିବତୁଲା ସତ୍ୟନାରାୟଣ ହାଇସ୍କୁଲର କୋୟଲ ଦାଶ ତୂତୀୟ ସ୍ଥାନ ଅଧିକାର କରିଥିଲେ । ପୁରସ୍କାର ବିତରଣ କାର୍ଯ୍ୟକ୍ରମରେ ରାଜ୍ୟ ଔଷଧୀୟ ଉଦ୍ଭିଦ

କୁଶନେଶ୍ୱର ହାଇସ୍କୁଲ, ସରକାରୀ ବାଳିକା ହାଇୟୁଲ, ବିଶିପଡ଼ା ପଞ୍ଚାୟତ ସମିତି ସରକାରୀ ବାଳିକା କରିଥିଲେ । ଚିଡ଼ାଙ୍କନରେ ବୀରମହାରାଜପୁର ବାଳିକା ହାଇସ୍କୁଲର ପ୍ରିୟଦର୍ଶିନୀ ମେହେର

ସତ୍ୟନାରାୟଣ ହାଇସ୍କୂଲ, ଡୁଙ୍ଗୁରିପାଲି ପରିଷଦ ମୁଖ୍ୟ କାର୍ଯ୍ୟ ନିର୍ବାହୀ ସୁଦୀପ ସୋନପୁର ନାୟକ (ଆଇଏଫଏସ), ଅଡିରିକ୍ତ ଜିଲ୍ଲା ଶିକ୍ଷା ଅଧିକାରୀ ଡ. ରାଧାକାନ୍ତ ଗଡ଼ିତଆ ପରମେଶ୍ୱର ହାଇସ୍କୁଲ, ବୀରମହାରାଜପୁର ଅତିଥି ଭାବରେ ଯୋଗ ଦେଇ କୃତୀ ପ୍ରତିଯୋଗୀମାନଙ୍କୁ ପୁରସ୍କୃତ କରିଥିଲେ ହାଇସ୍କୁଲର ୫୦ ଜଣ ଛାଡ୍ରଛାଡ୍ରୀ ଅଂଶଗୁହଣ ଏଥିରେ ଡ. ଗଗନବିହାରୀ ସାହ୍କୁ ଇପସିଡ୍ ପରିଡ଼ା, ଆଦିତ୍ୟ ମହାନ୍ତି, ଆଲୋକ ଶୀବନ୍ଦନ ପ୍ରମୁଖ ସହଯୋଗ କରିଥିଲେ ।

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#### **State Level Kalinga Herbal Fair:**

During this Financial Year 2023-24 the 16th State Level Kalinga Herbal Fair was organized from 5th

December 2023 to 11<sup>th</sup> December 2023. In this unique state level event Ayurvedic Manufacturing Companies like Dabur India Ltd., Emami Ltd., Kotakal, Kerla etc., Traditional Healers across the state, SHGs etc. participated in 130 nos of stalls.

The event was inaugurated by the Honorable Cabinet Minister Si. Pradeep Kumar Amat, Forest, Environment and Climate Change, Panchayati Raj and Information & **Public** Relations along with Honorable Additional Chief Sj. Satyabrata Sahu, Secretary



Forest, Environment and Climate Change, Sj. Debidatta Biswal, P.C.C.F, HoFF, Dept. of Forest, Environment & Climate Change and Sj. Sudeep Nayak, IFS, Chief Executive of State Medicinal Plants Board, Odisha. During this auspicious occasion one Calendar depicting the importance of Medicinal Plants in day to day lives



and on Research Publication show casing the use of Medicinal Plants by the Tribes of Odisha published by State Medicinal Plants Board, Odisha by the gracious hands of the guests.

During this 7 days' long event, 4 nos of workshops for Students of Rajdhani College, BJB College, Dhenkanal College, Botany Dept. of Utkal

University, Forestry Dept. of O.U.A.T., students from Ayurvedic and Homeopathy Colleges like Dr. Abin Chandra Homeopathy College and Hospital, Bhubaneswar, Gopabandhu Ayurvedic Mahavidyalay, Puri and Sri Sri College of Ayurvedic Science and Research Hospital, Cuttack were done on various topics related to Medicinal Plants. Another workshop for Senior Citizen's on Geriatric Care was also organized during this fare.

Another knowledge exchange and Training Programme on Good Manufacturing Practices of simple Ayurvedic **Products** was also organized for selected **Traditional** Healers participated in this state level fair.

The Closing Ceremony was held on the evening of 11<sup>th</sup> December 2023 in the gracious presence of Sj. Dr. Kunja Bihari



Satapathy, Retd. Professor & HoD, Botany and Sj. Sudeep Nayak, IFS, Chief Executive, State Medicinal Plants

Board, Odisha. During the 16<sup>th</sup> State Level Kalinga Herbal Fair total trade volume had reached a new height by crossing Rupees 70 Lakhs which is 40% higher than the previous year.













### Regional Level Kalinga Herbal Fair:

During this Financial Year 2023-24, the State Medicinal Plants Board, Odisha had decided to organize Regional Level Kalinga Herbal Fairs at Rourkela, Phulbani, Keonjhar and Bolangir through the DFOs. The Regional Level Kalinga Herbal Fair at Rourkela was organized from 4<sup>th</sup> January to 8<sup>th</sup> January 2024. In this regional level fair Traditional Healers from various districts, SHGs and grass root level Organizations associated with the



(ପର୍ବ)



Dept. of Forest had participated in 75 nos of stalls. Similarly, the Regional Level Kalinga Herbal Fair at Phulbani was organized from 10<sup>th</sup> January to 14th January 2024. In this regional fair level **Traditional** Healers from various districts and SHGs had participated in 54 nos of stalls. The remaining 2 nos of Regional Level Kalinga Herbal Fairs, one each at Keonjhar and Bolangir will be held during the month of February 2024.



#### **Regional Level Workshop for Popularizing Cultivation of Medicinal Plants:**

In order to popularize the cultivation of Medicinal Plants among the Farmers and to preserve the Medicinal Plant species in its natural habitat, the State Medicinal Plants Board, Odisha has been conducting Regional Level workshops in association with Farmer grops, FPOs ans SHGs. In this regards one number Awareness Workshop was organized at Khairitikira of Subarnapur district Kshetrapal FPO on December 2023. In this meeting 30 No of Farmers had attended the meeting. The CE, SMPB, Odisha Sj. inaugurated the Sudeep Nayak meeting and his in speech emphasized the importance of



Medicinal plant cultivation in the state. Then the Consultants of SMPB detailed the economic importance of



some major Medicinal Plants that can be cultivated in Subarnapur district.

On the same day at Baunsuni village of Kantamal Block of of Boudh district we had another meeting with 17 nos of the SHG members of 3 different SHGs on the importance of Medicinal plant cultivation where the SHG members were encouraged by the CE, SMPB, Odisha to shift their focus on Medicinal Plant cultivation rather than traditional cultivation practices as Medicinal Plant cultivation is much profitable and has great market potential.

### <u>CAMPAIGN ON PROMOTION OF CONSERVATION OF RET SPECIES IN ODISHA</u> (College Level Debate & Drawing Competition on Conservation of 41 RET Species of Odisha)

Under Champaign Promotion of Conservation of RET Species in Odisha, , State Medicinal Plants Board, Odisha decided to conduct College Level Awareness Campaigns to promote Conservation and Cultivation across the state and it was decided to conduct College Level Debate and Drawing competitions in Dr. Abhin Chandra Homeopathy Medical College and Hospital, Bhubaneswar, Odisha.



The registration of College Level Debate and Drawing Competition under promotion of Conservation and Cultivation across the state at Dr. Abhin Chandra Homeopathy Medical College and Hospital, Bhubaneswar, Odisha on



February 10:30 at 2024 AM. The valuation was done by independent jury members and result was declared in the above 2 events separately bv different Jury Teachers. Αt 1:30 PM the

presentation giving ceremony was conducted in presence of the Principal, Dr. Abhin Chandra Homeopathy Medical College and Hospital and other faculty members.

# NATION-WIDE CAMPAIGN ON ASHWAGANDHA (District wise School Level Essay Writing & Drawing Competition on Ashwagandha as Health Promoter)

Under Nation-wide Champaign on Ashwagandha, , State Medicinal Plants Board, decided to conduct Odisha School Level Awareness Campaigns to promote Ashwagandha consumption and cultivation across the state and it was decided to conduct School Level Essay Writing and Drawing competitions in Angul district of Odisha.





The District Level Awareness Campaign was planned for Angul district involving 50 no of students from 5 no of High Schools. The event was organized Hulurisingh High School, Hulurisingh of Angul district on 9<sup>th</sup> February 2024 where 25 No of students had participated in Essay Writing Competition and 25 nos had participated in Drawing Competition from these 5 Nos of Schools pre-selected by the

District Education Officer, Angul. The lists of participating schools are as follows.

Sl. No.	Name of Schools	Address	Total No of Participants	Event wise Participation
1	Govt. Girls' High School	Angul	10	Essay – 5 Drawing – 5
2	Hulursingha High School	Hulursingha, Angul	10	Essay – 5 Drawing – 5
3	Angul Govt. High School	Angul	10	Essay – 5

				Drawing – 5
4	Kumanda, Jarasingha Nodal High	Jarasingha	8	Essay – 5
	School			Drawing – 3
5	Town High School	Angul	10	Essay – 5
				Drawing – 5

The registration of School Level Essay Writing and Drawing Competition under Nation-wide Ashwagandha Campaign at Hulurisingh High School, Hulurisingh done. Then valuation was done by independent jury members who are Retd. Headmasters of various High Schools and result was declared in the above 2 events separately by different Jury Teachers.

Event wise list of Winners is enclosed in the following table.



Sl. No	Name of the	Name of the	Name of the School	Position
	Event	Student		Held
1	Essay Writing	Sthiti Pranjya Swain	Govt. High School, Angul	1 <sup>st</sup>
2	Competition	Pravasika Swain	Kumanda Jarasingha Nodal High School,	2 <sup>nd</sup>
			Kumanda, Jarasingha, Angul	
3		Ranu Parichha	Hulursingha Govt. High School, Hulursinga,	3 <sup>rd</sup>
			Angul	
4	Drawing	Nirlipta Sahu	Govt. Girl's High School, Angul	1 <sup>st</sup>
5	Competition	Sonam Swastika	Kumanda Jarasingha Nodal High School,	2 <sup>nd</sup>
		Sahu	Kumanda, Jarasingha, Angul	
6		Ashish Dhar	Govt. High School, Angul	3 <sup>rd</sup>

In this event all the participants were presented with one Certificate of Participation and a School Bag as



one Shield and one hot and cold Water Bottle

appreciation each. The student getting 1st Position each in event was presented with One Certificate of appreciation, one Shield and one Smart Watch. The student getting 2<sup>nd</sup> Position in each event was presented with One Certificate of appreciation, one Shield and one hot and cold Tiffin Box and the student getting 3<sup>rd</sup> Position in each event was presented with One Certificate of appreciation,

# A BRIEF REPORT ON EXPOSURE VISIT BY FARMERS TO STATE FOREST RESEARCH INSTITUTE, JABALPUR, MADHYA PRADESH

19<sup>th</sup> On February 2024 at 8:15 PM all the participants Boarded Train at Bhubaneswar Railway Station for Jabalpur reached 21<sup>st</sup>Jabalpur on February 2024 at 6:45 AM. Mr. Kundan Sharma,

Representative of SFRI, Jabalpur welcomed all the participants at the Station and led the





team to SFRI Campus, Jabalpur.

Sj. Pradeep Vasudeva, IFS, Director, SFRI, Jabalpur inaugurated the programme It was by the followed introductory address by Director, **SFR** Jabalpur. Then Dr. Uday Homkar, Sr. Research Officer, SFRI. Jabalpur presented a detailed presentation on 84 no of species of Medicinal Plants cultivated across various agro-climatic zones..

At 9 AM on 22<sup>nd</sup> February 2024, 1<sup>st</sup> visit was conducted to Kondam Nursery, outskirt of Jabalpur City.

This Nursery deals with Jarbera Flowering Plant round the year in 2.5 Acre of land by using modern Greenhouse that uses sensors and automated control to detect and actively maintain an ideal growing with environment equipment such as heaters, ventilation, lighting, irrigation, etc. Upon interaction with the farmers, it was found that the Jarbera Flowers were being sold at Jabalpur during the wedding seasons @ Rs.20.00 a Piece and round the year they are sending



their produces at Pune @ Rs.6.00 to Rs.10.00 a Piece. On this occasion Ashok (*Saraka indica*) was planted across the boundaries of this nursery by all participants.



At 2 PM on 22<sup>nd</sup> February 2024, 2<sup>nd</sup> visit was conducted to Kundam Nursery, Kundam village. This Nursery deals with Rose Flowering Plant round the year in 2.5 Acre of land by using modern Greenhouse that uses sensors and automated control to detect and actively maintain an ideal growing

On 23<sup>rd</sup> February 2024 the visit was to Shri Mukund Biotech-DBT Certified Tissue Culture Lab, Majhitha Village, Bhedaghat, Jabalpur.

On 24<sup>th</sup> February 2024 the visit was to Borlaug Institute for South Asia (Bisa), Lakhan Wara, Madhya Pradesh.

The next visit was to Agadyati Herbs & Food, Indraprasth, Hinota, Kundam, Jabalpur, a national award-winning startup dedicated to empowering Indian farmers to cultivate organic medicinal herbs and plants, .



On 25<sup>th</sup> February 2024 the visit was to Nibhawara Village of Panagar Block of Jabalpur. The name of the farmer visited was Kishan Kewat. This farmer has cultivated Satavari of both Indian and Nepali varieties under mixed cropping mode along with vegetables, leafy vegetables and Sarpagandha in 5 acres of land. In 5 acres of land he monocropped Nepali

Satavari and in 3 acres Ashwagandha. The farmer marketed all his products at Laknow Mandi and his annual Turnover was 20 Lakhs for the past years. For cultivation of Medicinal plants he has procured various machineries and primary processing tools. He also sells seeds to various agencies. Currently he has a stoke pile of



more than 1.5 Qtls of Ashwagandha seeds, 1 Qtl of Satavari Seeds and 20 KG of Sarpagandha Seeds.



Chief Executive
State Medicinal Plants Board, Odisha