

**GOVERNMENT OF INDIA
MINISTRY OF AYURVEDA, YOGA & NATUROPATHY,
UNANI, SIDDHA AND HOMOEOPATHY
(AYUSH)**

**LOK SABHA
UNSTARRED QUESTION NO. 12
TO BE ANSWERED ON 21ST JUNE, 2019**

MEDICINAL PLANTS AND HERBS

12. SHRI HARISH DWIVEDI:

Will the Minister of **AYURVEDA, YOGA AND NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY (AYUSH)** be pleased to state:

- (a) the total quantity of medicinal plants and herbs grown in the country, State/UT-wise during the last three years;
- (b) the details of the financial assistance provided for encouraging farming of medicinal plants and herbs during the last three years; and
- (c) the total quantum of herbs exported from the various States during the said period, State-wise?

ANSWER

**THE MINISTER OF STATE (IC) OF THE MINISTRY OF AYURVEDA,
YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY
(SHRI SHRIPAD YESO NAIK)**

(a): Presently, the Ministry of AYUSH is implementing a “Centrally Sponsored Scheme of National AYUSH Mission (NAM)” under which there is a component on ‘Medicinal Plants’ which primarily aimed at supporting cultivation of medicinal plants on farmer’s land with backward linkages through establishment of nurseries for supply of quality planting material and forward linkages for post-harvest management, processing, marketing infrastructure etc. The cultivation of medicinal plants is supported by providing subsidy @ 30%, 50% and 75% of cost of cultivation to farmers through the identified implementing agency of concerned states throughout the country. The State/UT-wise detail of the medicinal plants species and area supported for cultivation under NAM scheme during last three years is at **Annexure-I**.

(b): The State/UT-wise detail of financial assistance provided for encouraging farming of medicinal plants during the last three years is at **Annexure-II**.

(c): The data on quantum of herbs exported from various States during the said period is not available.

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Annexure-I

State/UT-wise detail of the medicinal plants species and area supported for cultivation under “Centrally Sponsored Scheme of National AYUSH Mission (NAM)” during the last three years:

S.NO.	Name of States	Medicinal Plants Species supported for cultivation	Area supported (in Ha.)
1	Andhra Pradesh	<i>Aloe Vera, Aegle marmelos, Santalum album, Terminalia Gloriosa superba, Andrographis paniculata, Hedychium spicatum, Phyllanthus emblica, Terminalia arjuna, Withania somnifera, Terminalia bellirica, Bacopa monnieri, Centella asiatica, Azadirachta indica, Piper longum, Pterocarpus santalinus, Rauwolfia serpentina, Cassia angustifolia, Asparagus racemosus, Ocimum sanctum, Coleus barbatus, Mucuna prurita</i>	2918.31
2	Arunachal Pradesh	<i>Acorus calamus, Berberis aristata, Sassaurea costus, Picrorhiza kurrooa, Rauwolfia serpentina, Asparagus racemosus, Valeriana wallichii, Zanthoxylum alatum, Swertia chirata, Aconitum heterophyllum</i>	222.4
3	Assam	<i>Aquilaria agallocha, Aloe Vera, Phyllanthus emblica, Terminalia arjuna, Saraca asoca, Withania somnifera, Hemidesmus indicus, Acorus calamus, Aegle marmelos, Terminalia bellirica, Bacopa monnieri, Gmelina arborea, Tinospora cordifolia, Commiphora wightii, Terminalia chebula, Gloriosa superba, Andrographis paniculata, Acacia catechu, Stevia rebaudiana, Azadirachta indica, Vitex negundo, Piper longum, Boerhavia diffusa, Dioscorea bulbifera, Alstonia scholaris, Rauwolfia serpentina, Asparagus racemosus, Albizzia lebbeck, Cinnamomum tamala, Ocimum sanctum, Mesua ferrea, Plumbago zeylanica, Zanthoxylum alatum, Oroxylum indicum, Santalum album, Alpinia galanga</i>	623.6
4	Chhattisgarh	<i>Adathoda zeylanica, Premna integrifolia, Aloe Vera, Terminalia arjuna, Withania somnifera, Acorus calamus, Aegle marmelos, Santalum album, Plumbago zeylanica, Tinospora cordifolia, Commiphora wightii, Gloriosa superba, Andrographis paniculata, Mucuna prurita, Celastrus paniculata, Piper longum, Pterocarpus santalinus, Asparagus racemosus, Ocimum sanctum, Embelia ribes, Rauwolfia serpentina, Bacopa monnieri, Convolvulus microphyllus, Gymnema sylvestre, Coleus barbatus, Boerhavia diffusa, Centella asiatica</i>	400

5	Gujarat	<i>Phyllanthus emblica, Withania somnifera, Acorus calamus, Plumbago zeylanica, Lepadenia reticulata, Tinospora cordifolia, Celastrus paniculata, Piper longum, Boerhaavia diffusa, Urarea picta, Chlorophytum borivillianum, Convolvulus microphyllus, Asparagus racemosus, Ocimum sanctum, Embelia ribes, Pueraria tuberosa, Stevia rebaudiana, Plantago ovata, Aloe vera, Bacopa monnieri, Andrographis paniculata, Lepidium sativum, Gloriosa superba</i>	795.3
6	Goa	<i>Stevia rebaudiana, Garcinia indica, Piper longum</i>	83.22
7	Haryana	<i>Aloe Vera, Phyllanthus emblica, Withania somnifera, Aegle marmelos, Terminalia chebula, Planago ovata, Andrographis paniculata, Stevia rebaudiana, Rauwolfia serpentina, Asparagus racemosus, Ocimum sanctum,</i>	245
8	Himachal Pradesh	<i>Aloe Vera, Withania somnifera, Aconitum heterophyllum, Podophyllum hexandrum, Sassurea costus, Picrorhiza kurrooa, Chlorophytum borivillianum, Rauwolfia serpentina, Valeriana wallichii, Ocimum sanctum</i>	127
9	Jammu & Kashmir	<i>Aloe Vera, Withania somnifera, Aconitum heterophyllum, Podophyllum hexandrum, Sassurea costus, Picrorhiza kurrooa, Hippophae rhamnoides, Inula racemosa, Rheum emodi</i>	79
10	Karnataka	<i>Aquilaria agallocha, Aloe Vera, Phyllanthus emblica, Withania somnifera, Acorus calamus, Santalum album, Coleus forskholii, Mucuna pruriens, Stevia rebaudiana, Tephrosia purpurea, Piper longum, Pterocarpus santalinus, Chlorophytum borivillianum, Cassia angustifolia, Ocimum sanctum</i>	1944.3
11	Kerala	<i>Adathoda zeylanica, Aloe Vera, Phyllanthus emblica, Saraca asoca, Hemidesmus indicus, Aegle marmelos, Pterocarpus marsupium, Bacopa monnieri, Santalum album, Plumbago zeylanica, Coleus forskholii, Kaempferia galanga, Sida rhombifolia, Gmelina arborea, Alpinia galangal, Terminalia chebula, Andrographis paniculata, Garcinia indica, Solanum xanthocarpum, Azadirachta indica, Vitex negundo, Piper longum, Pterocarpus santalinus, Desmodium gangeticum, Rauwolfia serpentina, Asparagus racemosus, Alpinia calcarata</i>	1680.5

12	Maharashtra	<i>Aloe Vera, Phyllanthus emblica, Acorus calamus, Bacopa monnieri, Santalum album, Coleus forskholii, Tinospora cordifolia, Commiphora wightii, Terminalia chebula, Azadirachta indica, Piper longum, Pterocarpus santalinus, Chlorophytum borivillianum, Asparagus racemosus, Ocimum sanctum</i>	443.8
13	Madhya Pradesh	<i>Withania somnifera, Coleus forskholii, Commiphora wightii, Andrographis paniculata, Chlorophytum borivillianum, Ocimum sanctum, Plantago ovata, Stevia rebaudiana, Lepidium sativum, Gloriosa superba, Rauwolfia serpentina</i>	5810
14	Manipur	<i>Aquilaria agallocha, Aloe Vera, Phyllanthus emblica, Aegle marmelos, Cinnamomun zeylanicum, Acacia catechu, Stevia rebaudiana, Centella asiatica, Cinnamomum tamala, Acorus calamus, Kaempferia galanga, Piper longum, Rouwolfa serpentina, Oroxyllum indicum</i>	444
15	Mizoram	<i>Phyllanthus emblica, Swertia chirata, Cinnamomun zeylanicum, Andrographis paniculata, Rauwolfia serpentina, Oroxylum Indicum, Azadirachta indica, Centella asiatica, Cinnamomum tamala, Embelia ribes, Solanum xanthocarpum</i>	279
16	Meghalaya	<i>Aquilaria agallocha, Aloe Vera, Aegle marmelos, Swertia chirata, Cinnamomun zeylanicum, Kaempferia galanga, Alpinia galanga, Centella asiatica, Azadirachta indica, Piper longum, Rauwolfia serpentina, Asparagus racemosus, Valeriana wallichii, Zanthoxylum alatum</i>	70
17	Nagaland	<i>Aquilaria agallocha, Cinnamomun zeylanicum, Andrographis paniculata, Mucuna prurita, Tephrosia purpurea, Piper longum, Valeriana wallichii, Zanthoxylum alatum</i>	490.5
18	Odisha	<i>Withania somnifera, Aegle marmelos, Piper longum, Dioscorea bulbifera, Rauwolfia serpentina, Ocimum sanctum, Aloe vera, Emblica officinalis</i>	866.504
19	Punjab	<i>Withania somnifera, Ocimum sanctum, Aloe vera, Stevia rebaudiana, Emblica officinalis, Santalum album</i>	242
20	Puducherry	<i>Adathoda zeylanica, Andrographis paniculata, Centella asiatica, Boerhavia diffusa, Withania somnifera, Coleus barbatus, Aloe vera</i>	45.43

21	Rajasthan	<i>Premna integrifolia, Aloe Vera, Phyllanthus emblica, Withania somnifera, Phyllanthus amarus, Lepadenia reticulata, Tinospora cordifolia, Commiphora wightii, Gloriosa superba, Stevia rebaudiana, Tephrosia purpurea, Tacomella undulata, Chlorophytum borivillianum, Rauwolfia serpentina, Cassia angustifolia, Asparagus racemosus, Ocimum sanctum, Convolvulus microphyllus, Sida cordifolia, Solanum anguivi, Lepidium sativum, Boerhavia diffusa, Mucuna prurita, Coleus forskholii, Saraca indica</i>	3022.5
22	Sikkim	<i>Aconitum heterophyllum, Swertia chirata, Coleus forskholii, Nardostachys jatamansi, Hedychium spicatum, Picrorhiza kurrooa</i>	116
23	Tamil Nadu	<i>Phyllanthus emblica, Coleus forskholii, Gloriosa superba, Garcinia indica, Solanum xanthocarpum, Piper longum, Cassia angustifolia, Stevia rebaudiana, Catharanthus roseus, Pterocarpus santalinus</i>	2398
24	Telangana	<i>Aloe Vera, Phyllanthus emblica, Withania somnifera, Acorus calamus, Santalum album, Mucuna prurita, Pterocarpus santalinus, Ocimum sanctum, Acorus calamus, Emblica officinalis, Mucuna prurita, Coleus barbatus</i>	987.88
25	Tripura	Mucuna prurita, Aquilaria agallocha	210.6
26	Uttarakhand	<i>Rheum emodi, Aconitum heterophyllum, Podophyllum hexandrum, Sassurea costus, Picrorhiza kurrooa, Rauwolfia serpentina, Hippophae rhamnoides, Cinnamomum tamala, Aconitum ferox, Santalum album, Asparagus racemosus</i>	440.53
27	Uttar Pradesh	<i>Aloe Vera, Artemisia Annua, Withania somnifera, Acorus calamus, Bacopa monnieri, Andrographis paniculata, Mucuna prurita, Rauwolfia serpentina, Asparagus racemosus, Ocimum sanctum, Cassia angustifolia, Phyllanthus amarus, Gymnema sylvestre, Centella asiatica</i>	6876.44
28	West Bengal	<i>Phyllanthus emblica, Saraca asoca, Aegle marmelos, Terminalia bellirica, Podophyllum hexandrum, Pterocarpus marsupium, Phyllanthus amarus, Bacopa monnieri, Swertia chirata, Kaempferia galanga, Terminalia chebula, Nardostachys jatamansi, Andrographis paniculata, Acacia catechu, Garcinia indica, Holarrhena antidysenterica, Glycyrrhiza glabra, Azadirachta indica, Rauwolfia serpentina, Cassia angustifolia, Ocimum sanctum, Azadirachta indica, Aloe vera</i>	908.42
Total			32770.234

Annexure-II

State/UT-wise detail of financial assistance provided for encouraging farming of medicinal plants under “Centrally Sponsored Scheme of National AYUSH Mission (NAM)” during the last three years:

S.No.	Name of State	2016-17	2017-18	2018-19	Total (Rs. In lakhs)
1.	Andhra Pradesh	451.16	211.872	128.586	791.618
2.	Arunachal Pradesh	42.779	61.110	36.860	140.749
3.	Assam	120.239	393.250	189.122	702.611
4.	Chhattisgarh	152.63	178.210	107.860	438.7
5.	Gujarat	212.189	158.700	308.710	679.599
6.	Goa	14.47	26.590	22.937	63.997
7.	Haryana	69.188	-	-	69.188
8.	Himachal Pradesh	170.069	75.543	63.750	309.362
9.	Jammu & Kashmir	55.17	80.246	49.540	184.956
10.	Karnataka	203.331	219.341	148.100	570.772
11.	Kerala	168.681	259.656	162.553	590.89
12.	Madhya Pradesh	496.382	450.275	334.459	1281.116
13.	Maharashtra	-	355.008	-	355.008
14.	Manipur	70.875	85.498	79.080	235.453
15.	Meghalaya	45.018	91.480	-	136.498
16.	Mizoram	44.317	97.510	62.140	203.967
17.	Nagaland	41.379	100.891	63.199	205.469
18.	Odisha	117.548	-	161.314	278.862
19.	Punjab	129.66	-	-	129.66
20.	Puducherry	4.96	-	13.84	18.8
21.	Rajasthan	226.055	747.846	272.379	1246.28
22.	Sikkim	31.706	24.980	-	56.686
23.	Tamil Nadu	252.725	228.275	173.088	654.088
24.	Telangana	252.085	118.294	71.870	442.249
25.	Tripura	-	-	47.88	47.88
26.	Uttarakhand	195.367	130.147	75.670	401.184
27.	Uttar Pradesh	528.173	249.180	912.043	1689.396
28.	West Bengal	184.941	201.979	194.701	581.621
Total		4281.10	4545.881	3679.681	12506.659