Parts Used: Leaves, stem and fruits
Uses: The fresh or dry fruits are used in curing toothache, locally used as spices. The essential oil is used in flavors and fragrances.
Economics: Yield-600kg fruits/ha
Return: Rs. 2,40,000.00/ha

Common Name: Satavar
Botanical Name: Asparagus racemosus
Parts Used: Roots
Uses: The dried roots are used as drug in many ailments like ulcer, depression, galactagogue, diuretic and as tonic to boost immune system, improve vitality.
Economics: Yield-3,750 kg dry root/ha
Return: Rs. 7,50,000.00/ha after 2.5 years.

Common Name: Badi Elaichi
Botanical Name: Amomum subulatum
Parts Used: Fruits
Uses: Fruits is used as spice, as an appetizer, a digestant as well as an antispasmodic.
Economics: Yield-500kg dry fruit/ha
Return: Rs. 2,00,000.00/ha after 04 years.

Common Name: Tejpat
Botanical Name: Cinnamomum tamala
Parts Used: Leaves
Uses: The leaves are used as spices, and in various ayurvedic formulations, essential oils used in flavors and creation of fragrances.
Economics: Yield-5,000kg dry leaves/ha
Return: Rs. 2,00,000.00/ha

Common Name: Saragandha
Botanical Name: Rauvolfia serpentina
Parts Used: Roots
Uses: The dried roots are used to treat high blood pressure, hypertension and mental disorders.
Economics: Yield-2,750kg dry root/ha
Return: Rs. 13,75,000/ha in 2.5 years.

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STATE MEDICINAL PLANTS BOARD
UTTARAKHAND

Commercially grown Medicinal and Aromatic Plants in Uttarakhand
**Common Name:** Damask Rose  
**Botanical Name:** *Rosa damascena*  
**Parts Used:** Flower  
**Uses:** Damask Rose oil is used in fine perfumes & fragrances, aromatherapy and for various therapeutic purposes. Damask Rose water is used in skincare and food industries.  
**Economics:** Yield - 1kg essential oil/ha  
**Return:** Rs. 8,00,000.00/ha

**Common Name:** Chamomile  
**Botanical Name:** *Matricaria chamomilla*  
**Parts Used:** Flower  
**Uses:** The flowers are used as flavored tea. Chamomile essential oil is used in fragrances, cosmetics and aromatherapy.  
**Economics:** Yield - 700kg dry flower/ha  
**Return:** Rs. 2,10,000.00/ha

**Common Name:** Jamboo/Faran  
**Botanical Name:** *Allium stracheyi*  
**Parts Used:** Leaves and flower  
**Uses:** Inflorescence and leaves are commonly used as spices, seasoning agents as condiment to add flavor in food.  
**Economics:** Yield - 500kg dry leaves & flower/ha  
**Return:** Rs. 3,50,000.00/ha

**Common Name:** Japanese Mint  
**Botanical Name:** *Mentha arvensis*  
**Parts Used:** Aerial part  
**Uses:** Essential oil of Japanese mint is a natural source of menthol used in pharmaceutical, food, flavor, fragrance and aromatherapy industries.  
**Economics:** Yield - 100kg essential oil/ha  
**Return:** 1,10,000.00/ha

**Common Name:** Kuth  
**Botanical Name:** *Saussurea costus*  
**Parts Used:** Roots  
**Uses:** The roots are used in treatment of various ailments, viz. asthma, inflammatory diseases, skin diseases, and ulcer and stomach problems. Costus root oil is used in fragrance, cosmetics, and aromatherapy and as a flavoring component in beverages.  
**Economics:** Yield - 3500kg dry root/ha  
**Return:** Rs. 2,50,000/ha after 3 years

**Common Name:** Kutki  
**Botanical Name:** *Picrorhiza kurroa*  
**Parts Used:** Rhizomes  
**Uses:** The dried roots are used as drug in many ailments like ulcer, depression, galactagogue, diuretic and as tonic to boost immune system, improve vitality.  
**Economics:** Yield - 1500kg dry rhizomes/ha  
**Return:** Rs. 15,00,000.00/ha after 3 years

**Common Name:** Lemongrass  
**Botanical Name:** *Cymbopogon flexuosus*  
**Parts Used:** Leaves  
**Uses:** Leaves are used in flavored tea. Essential oil is used in fragrances, deodorants, soap, cosmetics and used in synthesis of vitamin A in pharmaceutical industries.  
**Economics:** Yield - 200kg essential oil/ha  
**Return:** Rs. 2,00,000.00/ha

**Common Name:** Timur  
**Botanical Name:** *Zanthoxylum alatum*  
**Parts Used:** Leaves

**Common Name:** Kuth
**Botanical Name:** *Saussurea costus*
**Parts Used:** Roots
**Uses:** The roots are used in treatment of various ailments, viz. asthma, inflammatory diseases, skin diseases, and ulcer and stomach problems. Costus root oil is used in fragrance, cosmetics, and aromatherapy and as a flavoring component in beverages.
**Economics:** Yield - 3500kg dry root/ha
**Return:** Rs. 2,50,000/ha after 3 years