



Brief Introduction for Osmanthus Concrete&Absolute

Botanical name:

Osmanthus fragrans (Thunb.) Lour

Trees height:

3-5M in general, up to 18M maximum

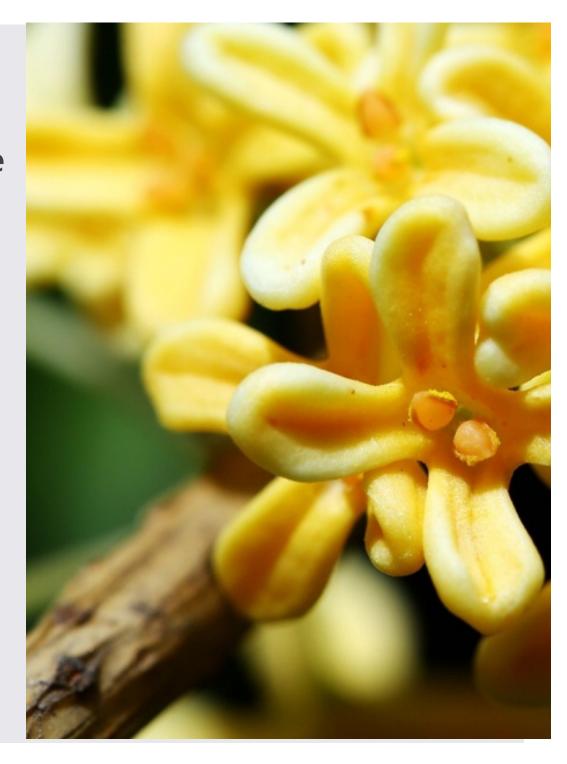
Flower season: Sep to early Oct

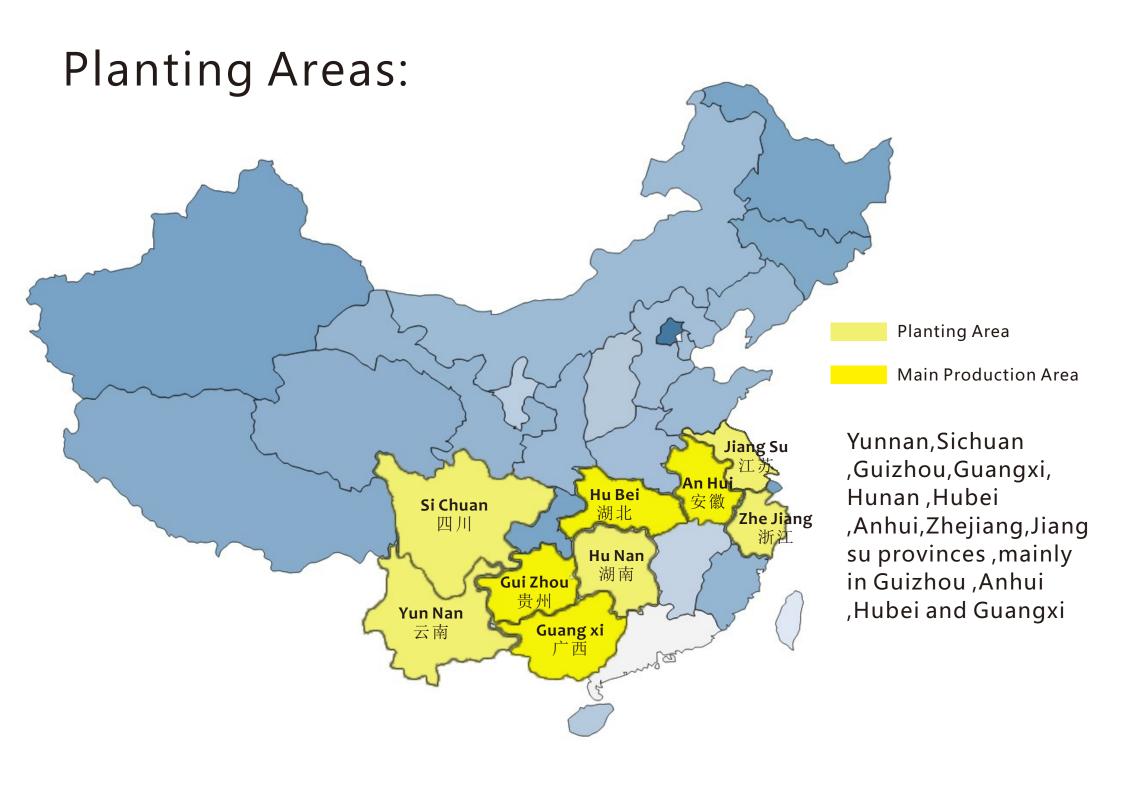
Flower period: 5-10 days

Production method:

Extracted by volatile solvent of petroleum ether, concentrated to concrete (yield: 0.15-0.2%), extracted by ethanol to absolute.

Annual Production: About 1-2 Mt





Flower Species for concrete production



金桂

Botanical Name: Osmamthus fragrans var. thunbergii

Flower period :End Sep

 ${\bf Golden}\ or\ yellow\ flowers\ , very\ strong\ note$



银桂

Botanical Name: Osmanthus fragrans var. latifolius

Flower Period : Early Oct.

Pale yellow flowers, strong note



四季桂

Botanical Name: Osmanthus fragrans var. semperflorens flower period :blooms almost each two months except for

winter and midsummer

White or yellow flowers ,weak note

Fragrance Strong Capabilities:

Osmamthus fragrans var. thunbergii 金桂 Osmanthus fragrans var. latifolius 银桂 Osmanthus fragrans var. semperflorens 四季桂

Flower collection and storage:



Farmers Collect Osmanthus flowers from tall Osmanthus trees



Gather all the flowers in an open loader



Pick out leaves and other dirties from flowers



Factories stock flowers by salt water(water:salt:alum=100: 30: 3) which will not deteriorate for about one year.

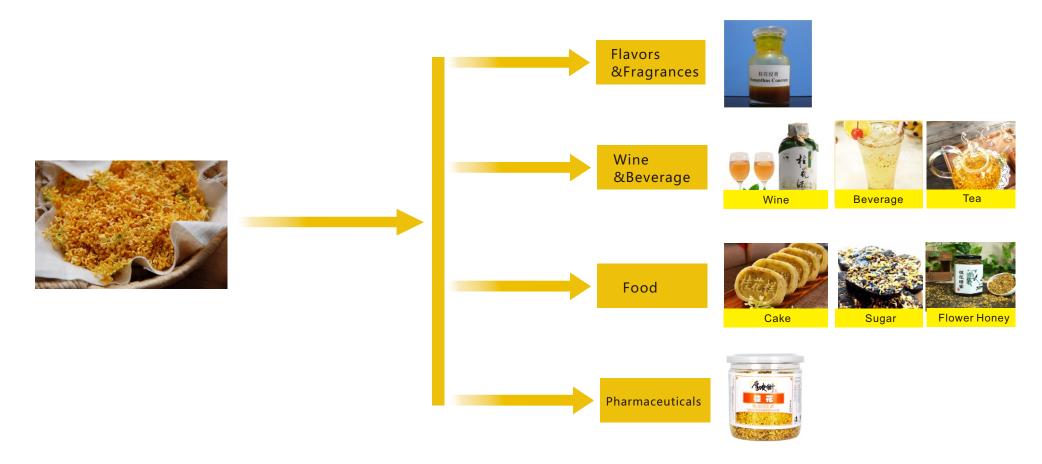


Collectors or farmers buy from local flower market



Collectors buy flowers in villages

Use of Chinese osmanthus&problems encountered in supply of raw materials



Osmanthus has been used for more than 1 thousand years in China, and its traditional uses are mainly used in food and wine and beverages. In recent years, wine and beverage industry is the largest consumption of raw materials because Osmanthus wine and tea are quite popular in the market, which is a great competition for F&F industry and collection price firms up accordingly. In the meantime, flower period for osmanthus is very short to be only 5-10 days which is out of sync of market demand, thus factories' scale production is restricted. As a result, supply has the risk of rising cost and shortage due to imperfect planning.

Current production process for Osmanthus concrete

