

Post-Seminar Survey Results of 100 Roadside Trees in Urban Hong Kong as of July 6, 2010

Top Ten Roadside Trees Recommended by Tree Managers, Landscape Architects, Scholars, Workers, and Professionals in the Field of Tree Management (n=45)

Ranking	Species	Votes	% +	Tree No.	Remarks
1st	<i>Crateva unilocularis</i> 魚木	23	51	33	"Good structure and beautiful flowers", "attractive flowers"
2nd	<i>Jacaranda mimosifolia</i> 藍花楹	17	38	86	
3rd	<i>Cinnamomum camphora</i> 樟樹	16	36	11	
3rd	<i>Terminalia catappa</i> 欖仁樹	16	38	65	
5th	<i>Cinnamomum burmanii</i> 陰香	15	33	10	"good structure and evergreen"
6th	<i>Lagerstroemia speciosa</i> 大花紫薇	13	29	54	
6th	<i>Michelia alba</i> 白蘭	13	29	8	"attractive flowers and smell"
6th	<i>Melaleuca cajuputi subsp. Cuminngiana</i> 白千層	13	29	61	"Easy to grow"
6th	<i>Cassia fistula</i> 臘腸豆	13	29	44	"attractive flowers"
6th	<i>Spathodea campanulata</i> 火焰木	13	29	87	

+ Figures rounded off to the nearest integer

Comments given and reasons for selecting roadside tree species

- "Trees with floral interests, unique foliage form, interesting branching structure, beautiful bark. Trees offer tolerance to poor growing conditions like air pollution, Tree height, canopy size and root ball size that suit the growing condition of an urban environment in fertile soil."
- "Tree No. 8. Attractive leaves & smell.
10. Good structure & evergreen.
21. Good structure & canopy.
33. Good structure & beautiful flower.
44. Attractive flower.
54. Attractive flower.
61. Easy to grow
64. Strict trunk & tidy canopy.
81. Interesting appearance & funny flower.
90. Suitable height.
- - Vigorous growth
-reasonable maintenance requirements
-wide canopy for shade
-nice flowers/fruit as bonus
- "Tree No. 88 (黃鐘木) Relatively outstanding blooming effect.
Not very wide-spreading. Root system is not very aggressive."
- "Upright form, flowering, stable tree"
- Tree No. 1 narrow crown spread
7 beautiful flowers (if spaces allowed for it's mature size)
12 color leaves (if spaces allowed for it's mature size)

33 beautiful flower (if spaces allowed for it's mature size)
 53 narrow crown spread, plant as cluster ok, withstand SO2 emissions
 61 bark absorb noise & suspended particles, less maintenance
 97 less maintenance
 84 less maintenance but for less pedestrian accessible area as it is poison
 37 nice tree form (if spaces allowed for it's mature size)
 78 less maintenance, quick growth

- Balanced tree form, shelter effect, tree maintenance work, and aesthetics.
- Medium size, flowering trees, strong pest resistance
- Tree No. 86 - showy flower
- Most of my recommendations are base on tree shape, tree form, flower etc.
- Mature size is not too large, narrow crown shape, less litter, shading and amenity value
- "It is assumed that the "roadside" trees are in urban area and to be grown within tree pit. If planter strip with adequate plating soil (in depth & width) is allowed, flexibility in choice of tree species will be enabled. Roadside tree planting in rural area with low traffic flow and without or rare pedestrian traffic would warrant another spectrum of choice in tree selection."
- "Rich foliage, beautiful shape, easy maintenance"

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Top Ten Roadside Trees **NOT** Recommended by Tree Managers, Landscape Architects, Scholars, Workers, and Professionals in the Field of Tree Management (n=45)

Ranking	Species	Votes	%	No.	Remarks
1st	<i>Leucaena leucocephala</i> 銀合歡	39	87	39	"Overwhelming growth"
2nd	<i>Ficus elastica</i> 印度橡膠	20	44	18	"Intensive maintenance requirement, multi-branching habit that obstruct pedestrian flow, too big in mature size"
3rd	<i>Macaranga tanarius</i> 血桐	17	39	68	
4th	<i>Erythrina variegata</i> 刺桐	16	35	50	"Attracted wasps in Hong Kong"
5th	<i>Salix babylonica</i> 垂柳	12	27	32	
5th	<i>Casuarina equisetifolia</i> 木麻黃	12	27	23	
7th	<i>Acacia confusa</i> 台灣相思	11	24	36	
7th	<i>Coco nucifera</i> 椰子	11	24	92	
7th	<i>Ravenala madagascariensis</i> 旅人蕉	11	24	100	"Cannot withstand strong wind. Occupy lots of space"
10th	<i>Cerbera manghas</i> 海芒果	10	22	82	
10th	<i>Eucalyptus citriodora</i> 檸檬桉	10	22	59	
10th	<i>Aleurites moluccana</i> 石栗	10	22	66	
10th	<i>Araucaria heterophylla</i> 異葉南洋杉	10	22	1	

Comments given and reasons for selecting roadside tree species

- [Certain species are] toxic, dangerous or difficult to manage
- Poor tree form, proneness to collapse
- Tree No.1. The heights cause potential hazard.
 - 2. Overwhelming growth.
 - 28. Falling of cotton cause nuisance.
 - 39. Overwhelming growth.
 - 48. Included bark, comparative easy collapse by strong wind.
 - 50. Attracted by wasp in HK.
 - 66. Overweight of canopy & nut, potential hazard to passenger-by.
 - 76. Mango with cause hit the vehicle when falling.
 - 92. Falling of coconut will cause damage.
 - 97. The weight/height of tree & falling leave will cause damage.
- -intensive maintenance requirement
- -multi-branching habit that obstruct pedestrian flow
- -too small in mature size
- Tree No. 100 cannot withstand strong wind. Occupy lots of space
- decurrent form, pioneer tree, imbalance form, low ecological and amenity value
- **Toxic, dangerous or difficult for management**
- Tree No. 15 low amenity value wild species
 - 16, 18, 19 extensive root system crack road surface
 - 22 not nice tree form usually, fruits attract insect
 - 39 famous exotic undesirable sp.
 - 55 protected valuable sp. not easily source in market
 - 68 low amenity value wild species
 - 94 trouble sp., serious insect attack and die often result, expensive
 - 40 branches / trunk easily broken after typhoon, too brittle
- 不建議在路旁栽種果樹，在花期，結果期會吸引昆蟲雀鳥聚集。
不建議在路旁栽種非本土原生植物如：假檳榔，對生態平衡帶來威脅。
白蘭樹身較脆，在風季較易做成危險，木綿在結果期，綿花連種子四散，對呼吸導欠佳市民，有負面影響。
- Most of my recommendations for NOT planting are base on structural-instability of tree, short life span and poisonous.
- Extensive root and aggressive growth, litter, fruit tree is prone to be damaged by public when people taking fruit
- With assumption that roadside tree planting is adjoining or abutting footpath/pedestrian circulations, those species with low branching and/or twigging saplings; or carrying poisonous fruits/berries would not be recommended.