

GREEN BELT DEVELOPMENT

The main objective of the green belt is to provide a barrier between the source of pollution and the surrounding areas. The green belt helps to capture the fugitive emission and to attenuate the noise generated apart from improving the aesthetics. Development of green belt and other forms of greenery shall also prevent soil erosion and washing away of topsoil besides helping in stabilizing the functional ecosystem and further to make the climate more conducive and to restore water balance.

About 8,832.71 m² area i.e. 33 % of total plant area shall be developed as green belt at plant boundary, road side, around offices & buildings and Stretch of open land. In Green belt area about 1000 tree per acre of land shall be planted. The selection of tree species suitable for plantation at the industry shall be governed by guiding factors as stated below:

- The trees should be tolerant to air pollutants present in the area
- The trees should be able to grow and thrive on soil of the area, be evergreen, inhabitant, having minimum of leaf fall.
- The trees should be tall in peripheral curtain plantation and with large and spreading canopy in primary and secondary attenuation zone.
- The trees should possess extensive foliar area to provide maximum impinging surface for continued efficient adsorption and absorption of pollutants.
- The trees should be fast growing and indigenous and should maintain ecological, land and hydrological balance of the region.
- It is also recommended to plant few trees, which are sensitive to air pollution, as air pollution indicator.
- It is also recommended to carry out extensive plantation within premises.
- Keeping in view the climatic conditions, status of soils and vegetation types in and around the project area the species shall be selected for proposed green belt development.

FOUR YEAR BUDGETARY PROVISIONS FOR GREENBELT DEVELOPMENT

SR. NO.	YEAR	NO. OF PLANTS	BUDGET (RS. IN LAKHS)
1.	1 st Year	800	4,80,000
2.	2 nd Year	600	3,60,000
3.	3 rd Year	400	2,40,000
4.	4 th Year	200	1,20,000
TOTAL		2000	12,00,000