

## Tree Planting at Solar Power Plant India-One

at Brahma Kumaris Spiritual Headquarters,  
Abu Road, Rajasthan, India



The tree plantation at India-One restores bio-diversity, absorbs carbon and prevents dust on the large 60m<sup>2</sup> solar plates. India-One Solar Plant became operational in 2017, and the tree planting started long before, in 2010. More than 3000 trees of approximately 45 varieties have been planted. These trees absorb about 42 tonnes of CO<sub>2</sub> per year.

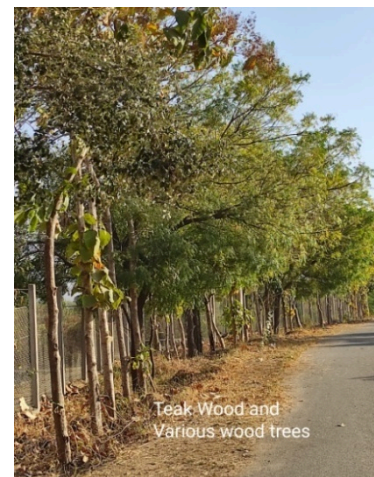
*"A mature tree absorbs carbon dioxide at a rate of 48 pounds per year. In one year, an acre of forest can absorb twice the CO<sub>2</sub> produced by a car driving an average annual mileage - [www.tenmilliontrees.org](http://www.tenmilliontrees.org)"*



The trees at the boundary fencing were planted in 2010. Mostly various wood trees, pine and teak trees were planted. Those 900 trees are now more than 10 years old.

Next phase of tree planting took place 2013-2014 at the inside ring road. Mainly the fruit trees like Mango, Lemon, Sapota and Guava trees were planted, and those 600 trees are now almost 7- 8 years old.

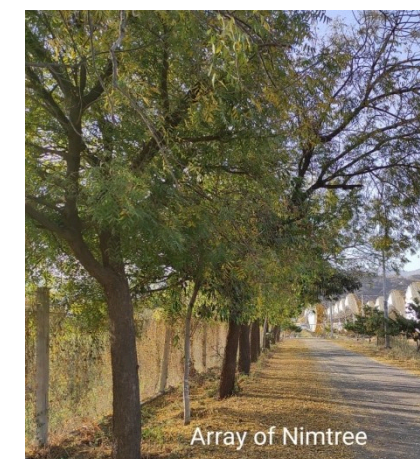
The other varieties of trees were planted from 2016-2020 inside the solar field.



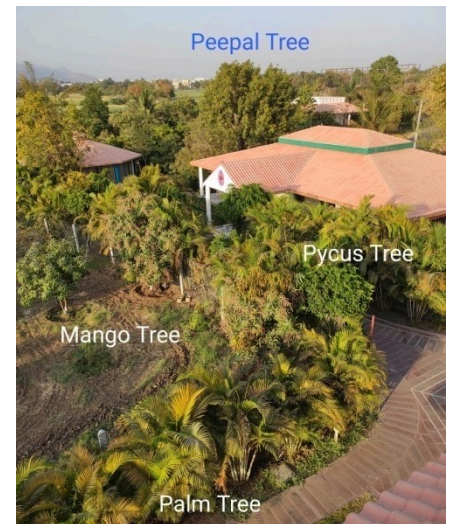


## List of trees planted 2010-2020

Sr.No	Name of Tree	Quantity
1	Various wood Tree	550
2	Mango Tree	350
3	Dragon Fruit	250
4	Banana Tree	250
5	Azadirachta indica	150
6	Lemon	150
7	Papaya Tree	150
8	Palm Tree	150
9	Pomegranate	145
10	Sapota	110
11	Teak Wood	90
12	Custard Apple	85
13	Guava	75
14	Moringa Tree	60
15	Polyathia (Ashoka)	55
16	Jungle wood tree	55
17	Ficus Benjamina	50
18	Rose plants	50
19	Orange	40
20	Sweet Lime	40
21	Lychee	35
22	Wild Sweetsop	35
23	Jack Fruit	30
24	Acai Berry	30
25	Gooseberry	25
26	Tamarind	25
27	Bamboo	25
28	Almond Tree	25
29	Coconut	21
30	Pear Tree	20
31	Peach	20
32	Fig Tree	20
33	Jujube Tree	20
34	Betal Leaves	20
35	Water Apple	18



36	Indian Pine tree	10
37	carandas plum	8
38	Mulberry	5
39	Curry Tree	5
40	Ficus religiosa	3
41	Butter Fruit	2
42	cashew	2
43	Big Lime	2
Grand Total		3261



### **The Peepal Tree - Ficus Religiosa**

The oldest tree is more than 80 years old and this holy tree is a Peepal Tree (Ficus Religiosa). In Hinduism it is believed that the spirits of the ancestors live on the Peepal tree. Many sages have practiced asceticism and attained enlightenment under a Peepal tree, Lord Buddha is the most well-know example.

The Peepal tree is the most rewarding tree because it is one of the few trees that release oxygen 24 hours per day and it can absorb carbon night time also. A Peepal tree never sheds off all of its leaves at one time, they keep falling and new leaves keep coming.

The Peepal tree at India-One was standing in the way of the construction. Rather than cutting down the holy tree, the team decided in 2014 to move it. In a massive operation demanding 2 cranes, they lifted the trimmed tree weighing 30 tons. The India-One Peepal tree is now accustomed to it's new location and it is a symbol of happiness, wealth and a world of harmony.





## India-One Garden

A beautiful and lush garden has been created at the solar field. There are Holy basil plants, mint plants, lemon grass plants, Aloe vera shoots, sugarcane shoots and vegetable plants. The garden is used for meetings and gatherings enjoying the serene atmosphere at the plant.



Read more about India-One at:  
<https://india-one.net/>  
<https://eco.brahmakumaris.org/>