

PLANTABLE PENCIL



Plantable Pencil is a biodegradable eco-pencil that is embedded with seeds. When the pencil is planted in a pot of soil, the seeds contained by starch gets break and grow within 7 - 12 days. All that is left behind is flowers, herbs or vegetables, and no waste. It is easy to plant and grow; It is very useful for planting in terrace garden. It can use as a complimentary in schools, colleges and many industrial companies etc.,

Since 2013, Michael Stausholm, Owner of Sprout World have visited When a group of robotics students at MIT came up with the concept of a plantable pencil, featuring a seed capsule that could be planted once the pencil was used up. When SproutWorld founder Michael Stausholm saw the pencil on the website Kickstarter, he immediately loved its simplicity and sustainable innovation, saw its commercial potential, and bought the patent and global rights to the pencil. Some after days, He named the pencil was “Sprout Pencils”. Now this plantable pencil is available in America, Europe and some other countries except India because this product is not available in our country.

As the survey, We are making 3 Millions of Wooden Pencils per day by cutting 4 Lakhs of Pine Trees per day. To avoid Destruction of Pine Trees, We can make pencil using Molded Newspapers Pencils.

How can make this Pencil ?

We need some items to make the plantable pencil.

- A Pencil molded from Waste Newspaper
- Pencil Lead (Any variants like 2B, HB etc.,)
- Cellulose / Starch Capsules
- Season Seeds.



Instructions :

- ❖ First, We take a Pencil molded from Waste Newspaper and insert Pencil Lead (any Variants) into the Pencil.
- ❖ Then, We can fill the seeds using Cellulose or Starch Capsules to the edge of the pencil. The seeds can be used as per the season.
- ❖ We take one Bowl or Pot filled with Wet Soil / Cocopeat and insert the edge of the pencil. The next day the cellulose or the starch capsules will break into the soil and the seeds will fill into the soil.
- ❖ Add Water and Sun for Plant growth.
- ❖ After 7 – 12 days, the plant will grow up.

Conclusion

Plantable Pencil is a very necessary and important item in this trending world. It is a beautiful gardening gift that has a reasonable price. It teaches kids how to plant and grow seeds. It helps children to learn to be patient in their life. The help the reduction of cutting trees in the world.

Plant Trees...Save World...