



Importance of Seed Ball and Its Use for Natural Vegetation

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Want to help fertilize the planet and have fun doing it? Seed balls could be the answer. What's a seed ball, you ask? It's a simple cluster of seeds wrapped in a ball of soil and clay that you can throw—like a ball. A seed ball (or seed bomb) is a seed that is wrapped a mixture of clay and cow dung, urine or compost. The cow dung, urine or compost helps protect the seed from insects, predators such as birds, rodents and insects and extremes of temperature until the rains arrive. Once soaked, the seed ball will help retain and prolong a moist environment around the seed to encourage germination. Essentially, the seed is 'pre-planted' and can be sown by depositing the seed ball anywhere suitable for the species, keeping the seed safely until the proper germination opportunity arises. Seed balls are an easy way to grow trees with a longer germination time span. Seed balls are inexpensive and can be easily dispersed over large areas which are often hard to reach. Direct seeding reduces shock of transplanting saplings and helps the young trees grow stronger roots and hence stronger trees.



Wash the seeds. Next, dry them, not in the sun but in shade. Some moisture is compulsory for seed balls to germinate. Mix the seeds with mixture of 3/4th mud/clay and 1/4th cow dung and make them into small but firm balls. Healthy seeds should be used – at least 2 to 3 – for the seed balls and seeds should be kept in middle of the balls. The cow dung helps to keep animals and pests away. You can also replace cow dung with other forms of organic compost. Dry the balls in shade for a couple of days, until they become hard. To keep the seed balls firm, add little amount of clay or Chikni Mitti. Seed balls are amazingly versatile. They can be tossed over fences into abandoned lots, or out the windows of cars and buses onto median dividers and roadside wasteland. They can be left alongside parking lots and bike paths, in unused planters and gardens that have fallen on hard times. In short, anywhere there is land to grow them – provided that the soil isn't too dry, compact, or dense with other vegetation. Seeds balls are not meant to be buried in the ground. Instead, insert just disperse them or in simple language – throw them! In remote or inaccessible areas, you may launch them by catapult or other means. With rain, the plants will start germinating and growing into trees.

Life of Seed Balls

Seed balls do not necessarily need to be spread during rainy seasons as they can remain in good condition for more than two years until rains come. With rain, the plants will start germinating and growing into trees.



Seeds Need the Right Environment to Germinate

Temperature, moisture, air, and light conditions must be correct for seeds to germinate. Dormancy is the state in which viable seeds cannot readily germinate and is a self-sustaining mechanism that maintains seed viability during adverse environmental conditions, such as annual dry-seasons, wildfires or exposure to insects and disease. Under natural conditions, dormancy may prevent seeds from germinating for long.

Distribution of seed ball

It will distribute by animal, water, best way it will distribute by travelers during traveling in some countries it will distribute help of the Bat, many rural people are tie seed ball to animal tail so it will distribute when animal going in Jungle for grassing purpose.

Conclusion

Seed balls are a great method of reclaiming areas of your garden that have become thin or barren. The clay vessels that you create for your seeds and soil offer a fun way to plant your seeds while providing protection for the exposed seeds. The soil you wrap inside of the ball offer the seeds an immediate source of nutrients. The seeds remain inside the Seed Ball until rains soak the clay and stimulate the seeds.