



3dcoco Veg

COCONUT PEAT FOR VEGETABLES

100% Natural  
COCONUT PEAT FOR VEGETATIONAL  
GROWTH

*A product of*



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# 3dcoco Veg

Usage of coconut peat in landscape gardening and vegetable or fruit gardens has several benefits. Moreover, this special product, 3dcoco Veg, contains not only refined coconut pieces but also vermicompost (worm castings) which is a perfect fertilizer for vegetables. High amount of vermicompost increases nutritional content of the coconut peat and provides many kinds of vegetables to be nourished. 3dcoco Veg may be used in potting mixes and meets nutrient demands of vegetables for approximately 6 weeks.

3dcoco Veg is preferred in vegetable greeneries, sapling plantings and in fruit gardens due to many advantageous reasons.

- 1. Renewable Source:** There are so many products in the market which are not classified as 'eco-friendly'; however, coconut peat is an organic renewable source. Given that the raw material for coconut peat is coconut palm which produces over 150 coconuts per year, costumers using 3dcoco Veg in their gardens would not have a problem in supplying the product in the case of a product-loss. Moreover, using 3dcoco Veg in the soil would reduce the risk of marshiness.
- 2. Water Retention:** The most important reason of using 3dcoco Veg in vegetable and fruit gardening is its water retention feature. 3dcoco Veg provides 40% more water retention.  
  
3dcoco Veg absorbs water easily and provides water drainage. That is considered as a unique feature for the areas where droughtiness is the case because using 3dcoco Veg decreases irrigation by 50%.
- 3. Organic Fertilizer:** Coconut peat is rich in carbon; therefore, it is convenient to be used together with nitrogen-rich fertilizers. Moreover, 3dcoco Veg comprises vermicompost which is a nutrient-rich organic fertilizer and soil conditioner.

4. **Soil Amendment:** Coconut peat is a multi-purpose material used for reclamation of the harsh and tough soil. For instance, fibrous structure of 3dcoco Veg helps soil to retain nutrient and water by increasing the quality of the soil. Especially in the clay soil, 3dcoco Veg prevents tightening of the soil; therefore, it eases the passage of water and nutrients.

5. **pH of the Soil:** One of the most important issue in vegetable gardens and plant care is the acidity of the soil. Some plants are highly sensitive to the pH level of the soil they grow. Although enough water and fertilizer were provided, if level of the pH is not between the optimal ranges, vegetable plant may wither or even die away.

3dcoco Veg has a pH very close to the neutral pH (5.2-6.8) in contrast to acidic fertilizers (3.5-4.5). This pH range is the optimal pH range for many plants.

6. **Soil Respiration:** Thanks to the fibrous structure of 3dcoco Veg, it enables roots of the plants to breath. Other products constitute a tight area around the roots and prevent enough air to pass through the soil. In the long term, this tightening causes suffocating of the roots. However, 3dcoco Veg gives opportunity to the soil to reach the air and provides vegetable plants to stay healthy and vegetate quickly.

7. **Nutrition:** Vermicompost found in 3dcoco Veg comprises 70-80% of organic matter, nitrogen and potassium, which are really important for the healthy growth of plants. In addition, coconut peat in 3dcoco Veg provides slow-absorption of the nutrients by the plant roots enabling plants to take up nutrients longer periods of time.

8. **Beneficial Bacteria:** At the first sight, all bacteria may be considered as hazardous; however, there are beneficial bacteria helping plants by improving soil biodiversity. They enhance production of plant growth-regulating hormones and enzymes while inhibiting plant pathogens and pests. Therefore, 3dcoco Veg promotes plant health and minimizes the yield loss.

## 3dcoco Veg

### Areas of Usage

- Vegetable greeneries
- Horticulture and floristry
- Ornamental plant greeneries
- Landscape gardening
- Seedbeds
- Sapling planting
- Banana plantations
- Sports ground landscapes
- Vegetable and fruit gardens



### Technical Specifications

EC	3.4
pH	6.6
Total Organic Content	78%
Total Nitrogen	1.1%
Total Potassium	0.7%
Total Humic + Fulvic Aside	9,24%

### Properties of 3dcoco Veg

- Renewable
- Water-retentive
- Organic fertilizer
- Provides soil amendment
- Retains optimal pH
- Enables soil respiration
- Contains nutrition
- Procures beneficial bacteria

