

# ECOLAB

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## THE SLOW RELEASE FERTILIZER IN TABLETS

### *BAZIC PROPERTIES*

- The Slow Release Fertilizer tablets are the special fertilizers. They contain great amount of primary nutrients (nitrogen, phosphorus, potassium), important secondary nutrients (magnesium, calcium, sulfur) and the trace elements (iron, copper, zinc, molybdenum and boron) as well. Undesirable elements are not present (chlorides).
- The fertilizer tablets are mechanically rigid. The special chemical composition of formulations involving Ureaform (Methyleneurea) and potassium magnesium phosphates enables the soil to be supplied gradually for 6-24 months by the nutrients (depending on the soil and the climate conditions).
- In addition to slow releasing nitrogen from Ureaform the fertilizing tablets contain a small portion (10-20%) of startup fast releasing nitrogen as well.
- Each tablet is precisely made dose of fertilizer (for instance 5 g, 10 g, 15 g, etc..) which is easy and individually applied to plant. Root level application prevents partly weed fertilization.
- Due to the effect of slow releasing of nutrients and to the application of tablets in the close touch of plant root system the nutrients are utilized without any loss. The releasing of nutrients outside the root system is minimal.
- The randomly overdosing does not cause of the plant damage.
- The tablets are either placed under the soil surface at the depth of the side roots at the edge of the planting hole or they are put directly onto the soil surface (see Figures). A number of applied tablets depend on the age of plants (see the table). If more tablets are applied they are placed symmetric around the girth of the root system.
- The fertilizer tablet dissolves very slowly. It is not recommended to apply the tablets in a solution and/or crashed the tablets to the powder.
- The slow release fertilizer tablets are markedly environmental friendly comparing the fast release agricultural ones.
- 18 different fertilizing formulations in tablets are the basic offer convenient for the broad usage of plants and soil conditions.

### RECOMMENDED USE

The Slow Release Fertilizer tablets can be used universally. Due to very slow dissolving of nutrients to the soil they are ideally suited especially for the fertilizing of perennial plants and young seedling plants (1-4 old) primarily in regions with rigorous demands on an environmentally safe approach to plant nutrition.

The tablets are applied on free land, greenhouses and into vessels respectively as well as they are used for supplemental fertilization of plants grown on free land, in pots and in containers:

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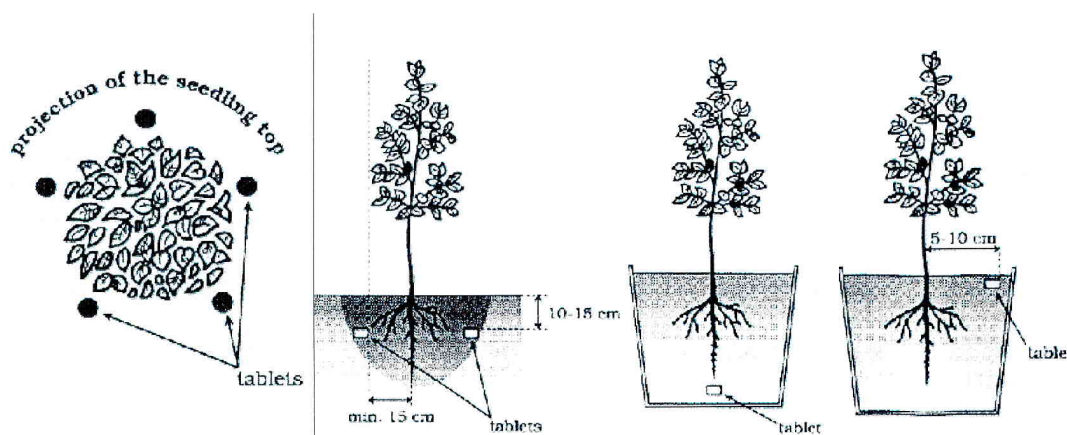
- Fruit, ornamental and forest trees and shrubs
- Flower shrubs, flowers
- Conifers and bonsai trees
- Tropical and subtropical plants
- Wetland plants (water-lily)
- All perennial plants growing on unfertile, acidic, eroded and degraded soils (including the forest, reclaimed soils, mine dumps, areas around the roads and high ways).

**CUSTOMERS**

- Professionals  
Forest people, ornamental garden people, landscape planner, fruit-growers, plantation-owner (tea-shrubs, cotton-plants, palms, banana-trees, coffee-trees, citrus fruit trees, orange trees, olives, nut trees etc.), reclaiming companies, producers of water-lilies, maintaining of municipal greenery, amenity planting around the roads and high-ways.
- Hobby  
Gardeners, home flower growers

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Crown Diameter (meters)	Minimal Amount of Fertilizer (grams)	PIECES OF TABLETS		
		T a b l e t (g)		
		5	10	15
0.5	40 - 60	8 - 12	4 - 6	3 - 4
1.0	80 - 120	16 - 24	8 - 12	6 - 8
1.5	120 - 180	24 - 36	12 - 18	8 - 12
2.0	160 - 240	32 - 48	16 - 24	11 - 16
2.5	200 - 300	40 - 60	20 - 30	14 - 20
3.0	240 - 360	48 - 72	24 - 36	16 - 24