

# Product Information



## SAB Substrates

### SAB Substrate 0

As basis for self mixing of substrates for sowing, rooting cuttings, bedding plants, flowering and green plants. SAB Substrate contains no fertilizer, this must be added by the grower. This peat substrate is pH adjusted white sphagnum peat containing trace elements and wetting agent as an excellent basis for producing horticultural substrates. Virtually free of all pests, wood and seeds.

#### The SAB Substrate 0 can be used as:

- Basis for self mixing of substrates for sowing and rooting cuttings (fine)
- Basis for self mixing of substrates for bedding and patio plants in pots (standard)
- Basis for cuttings /shrubs and trees), flowering and green plants in 1-2 l containers (medium)
- Basis for green plants, bromelia and container stock in containers of more than 2 litres

### SAB Substrate 1

Professional mix for greenhouses and landscaping. SAB Substrate 1 is a fertilized peat with adjusted pH-value. For seeds, cuttings, pot plants and seedlings as well as for the transplanting of nitrate-sensitive plants. This peat substrate comprises a balanced combination of nitrogen, lime, potash and trace elements, which encourages fast germination and rapid growth. Virtually free of all pests, wood and seeds.

#### The SAB Substrate 1 can be used for:

- The cultivation of vegetable young plants (Chilli, Pepper, Green plants, herbs, Lettuce, Melon, Tomato, Tobacco e.g.)
- The cultivation of outdoor ornamental young plants (Evergreens, Bedding plants, Perennials e.g.)
- The cultivation of indoor ornamental young plants (Dieffenbachia, Azalea, Hydrangea, Poinsettia e.g.)
- The re-potting of all kind of salt-sensitive plants (Ferns and Pieris e.g.)

### SAB Substrate 2

Professional mix for greenhouses and landscaping. SAB Substrate 2 is a fertilized peat with adjusted pH-value. For the re-potting of plants, as well as for the cultivation of plants which require rich growth mediums. This peat substrate comprises a balanced combination of nitrogen, lime, potash and trace elements, which encourages fast germination and rapid growth. Virtually free of all pests, wood and seeds.

#### The SAB Substrate 2 can be used for:

- The cultivation of of flowers and green plants in pots over 9 cm diameter
- Growing-on of vigorous, salt tolerant crops
- Potting of plants which require high level of nutrition

Examples: Abutilon, Alstromeria, Aphelandra, Aster novi-belgii, Argyanthemum, Begonia, Bougainvillea, Caladium, Calathea, Campanual, Chrysanthemum, Cyclamen, Dendranthema, Dianthus, Euphorbia, Exacum, Geranium, Hibiscus, Impatiens, Kalanchoe, Poinsettia, Primula, Ranunculus, Viola, Yucca



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## Characteristics of the SAB Substrates:

- High water capacity
- High air capacity
- Good structure stability
- Freedom of harmful substances
- Optimum pH-value
- Uniform quality
- By means of an ecologically compatible re-moisting device, the capacity to store water will be enabled even after desiccation of these substrates.

## Chemical and Physical Characteristics of the Substrates

	Substrate 0	Substrate 1	Substrate 2
Type of peat	White Peat and Black Peat from Latvia		
Degree of decomposition		H2 - H5	
pH-value (CaCl <sub>2</sub> )		5,2 - 6,0	
pH-value (H <sub>2</sub> O)		5,7 - 6,5	
Organic matter		95 - 99 weight -% (dry)	
Water holding capacity		45 - 55 vol. -%	
Salt level approx.	0,3 g/l	1,0 g/l	1,6 g/l
Fertilizer approx.	0,3 g/l	1,0 g/l	1,6 g/l
Electrical conductivity (µS/cm)	170 - 220	270 - 330	420 - 520
Nitrogen (N)	30 - 80	80 - 200	220 - 360
Phosphate (P <sub>2</sub> O <sub>5</sub> )	20 - 40	50 - 110	12 - 200
Potassium Oxide (K <sub>2</sub> O)	40 - 90	90 - 220	240 - 400

### Available Packaging:

400 litres input (0,170 m<sup>3</sup> = 6,0 cbft)

340 litres input (0,150 m<sup>3</sup> = 5,3 cbft)

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