Wavit ROOTSTOCKS
rootstocks for apricots and plums

Wavit® Prudom(PVP)

the rootstock with excellent orcharding characteristics.

The rootstock for plums and apricots Wavit® Prudom(PVP)	
Lineage	Wavit®Prudom(PVP) is a compact selection from the heterogeneous variety „Wangenheims“
Selection	Nursery Schreiber, Austria 1992
Variety Name	Prudom(PVP)
Variety Rights Holder	Consortium Deutscher Baumschulen GmbH

Wavit®Prudom(PVP) is a vegetatively propagated type selected for excellent orchard characteristics by Schreiber Nursery in Austria. It combines the well-known positive characteristics of „Wangenheim‘s seedling“ with good fruit size and the advantages of a vegetatively propagated clonal rootstock, such as excellent uniformity in the nursery and in the orchard.

Wavit®Prudom(PVP) induces dwarfing slightly weaker than „St. Julien types“, growing about 20/30% weaker than „GF 655/2“.

With trees on Wavit®Prudom(PVP), yields start early, from the 2nd/3rd year with usual education and cultural management.

Regular, low alternating yields with good fruit size are advantageous. In addition, the good compatibility with all types of plums and apricots speaks in favor of Wavit® Prudom(PVP).

The grafting points are hardly visible and the stability is good to very good. Wavit®Prudom(PVP) has a fine-grained root system with some stable main roots and is very frost hardy. There is very little to no tendency to succering.

CDB added this innovative promising rootstock to its program in 2003 and owns the worldwide production and marketing rights.

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Special characteristics	
Growth rate induction	Medium- dwarfing 10-20% weaker than „St. Julien A“ Strong growth in the juvenile phase, induced by in vitro propagation, weakens to the level typical of the variety with the onset of production
Anchorage / Root system	Well anchored cultivable without support/fine fibrous root system with some stable main roots.
Succering tendency	Very low to none; any succers that occur can be easily removed manually and do not induce increased new formation
Grafting point/unit	Very smooth inconspicuous

Yield	
Yielding potential	Very high and very regular,hardly alternating; good trainable trees
Precossity	Promotes fertility, terminates early, storage of nutrients = essential for the following year
Yield generation	Induces early yields; variety dependent; modern varieties from 2nd leaf onward
Fruitsize	Good to very good
Combination with very fertile / self-fertile varieties	Generally very favorable especially for 95% of apricot varieties very good, a few varieties overhang e.g. „Lady COT“

Site - Climate	
Soil quality requirements	Very well suited for heavy and medium-heavy soils; ideal with irrigation also for lighter sites
Geographical region	„Wangenheim seedlings“ originate from Poland/East Germany => temperate and continental Europe
Climate requirements	Central European/moderate/continental climate, warmer climates such as Balkans are also perfectly suitable
Winterhardiness	Very frosthardy

Cultural management	
Demands on culture management	Excellent uniformity in the nursery and orchard saves at least 10 to 20% or more pruning costs due to its growth reduction
Varietal suitability	Very good compatibility with plums and apricots, except that red-fleshed apricot varieties generally have affinity problems, as with all other rootstocks; peaches and nectarines should be tested with interstem graftings
Suitability / Cultivation intensity	1,000 trees/per ha, also very suitable for more intensive systems like fruit walls
Planting density	Row spacing 4 - 5 m, in the row 1.5 m - 2.5 m - 3.5 m depending on system intensity and variety dependence
Irrigation demand (In relation to temperate Central European climate 600-700mm anual precipitation)	Low, irrigation beneficial
Fertilization / Fertigation	More water = more growth = higher nutrient requirements; fertigation is ideal
Covered cultivation	Ideal due to no/very low succering tendency, especially in combination with varieties well suited for this purpose

Disease response / Tolerances	
ESFY	Robust; no symptoms on the rootstock
Scharka	Robust; no symptoms on the rootstock
Pseudomonas	Robust; no symptoms on the rootstock; Depending on variety and weather conditions

PVP = plant variety protection

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