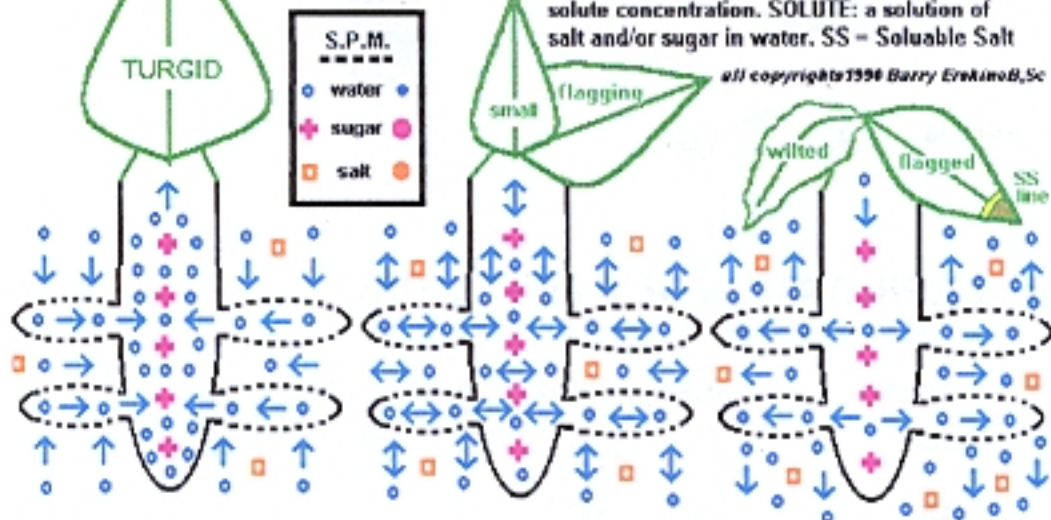


ROOT OSMOSIS

OSMOSIS: is the process by which water moves from a region of low soluted concentration thru a semi-permeable membrane to a region of high solute concentration. SOLUTE: a solution of salt and/or sugar in water. SS = Soluble Salt

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30%SS or 300 to 350ppm

POSITIVE OSMOSIS

50%SS or 475 to 550ppm

STATIC OSMOSIS

70%SS or 675 to 750ppm

REVERSE OSMOSIS