



## TECHNICAL DATA SHEET



**Product type:** 100% organic soil improver and fertilizer «Sapropeat»

**Trade mark:** SaproLife

**Producer:** Volynsaprofos LLC, Ukraine

**Sales Company:** Ukrainian Organics LLC, Ukraine

**Product composition:** 80% sapropel, 20% purified peat.

**Organic Certification:** compatible with organic production for use as crop fertilizer, according to EC 889/2008. Certified by BCS, Germany.

Quality Characteristics	Actual content on dry matter	Normative document for test method
Mass fraction of <b>dry matter</b> , %	32,56	GOST 26713-85
Mass fraction of <b>organic matter</b> , kg/t	610,0	DSTU 8454:2015
Mass fraction of <b>humic acids</b> , kg/t	52,90	DSTU 7083:2009
Mass fraction of <b>fulvic acids</b> , kg/t	54,40	
Mass fraction of <b>general nitrogen</b> , N, kg/t	24,90	DSTU 7911:2015
Mass fraction of <b>general phosphorus</b> , P <sub>2</sub> O <sub>5</sub> kg/t	2,90	GOST 26717-85
Mass fraction of <b>general potassium</b> , K <sub>2</sub> O, kg/t	1,20	DSTU 7949:2015
Mass fraction of <b>calcium</b> , Ca, kg/t	10,40	DSTU EN 12946: 2005
Mass fraction of <b>magnesium</b> , Mg, kg/t	1,22	
Mass fraction of <b>iron</b> , Fe, kg/t	13,00	DSTU EN 15962:2015
Mass fraction of <b>sulfur</b> , S, kg/t	1,38	DSTU EN 16032:2015
<b>pH</b>	7,5	GOST 27979-88

### Main effect of SaproLife organic soil improver and fertilizer

- Effect on seedling plants:** SaproLife™ dramatically speeds up rising of seedling plants, leaves and root groups become bigger.
- Effect on seeds germination:** SaproLife™ activates growing points and enhances mitotic activity during cell division.
- Effect on growing process:** SaproLife™ speeds up metabolism of plants. As a result the crop increases by 80%.\*
- Effect on soil structure:**
  - a) SaproLife™ keeps humidity in the land to reduce irrigation process twice compared to traditional manure / NPK fertilizers.
  - b) Because of unique organic ingredients SaproLife™ changes the soil itself, year by year, even from sand to fertile soil by creating the humus.
  - c) SaproLife™ inactivates and utilizes toxic substances in the soil (nicotine, phenol etc).
- Effect on quality:** SaproLife™ is 100% organic soil improver / fertilizer. It was developed in order to grow healthy organic food reached with vitamins and microelements.

\* Up to 80%, according to numerous tests and probations of sapropel-peat type of fertilizer that have been passed successfully in Lebanon, Kuwait, UAE and KSA. Please contact us for detailed information.