

Technology of complex processing of peat for humic fertilizers

Area of raw material preparation



Extraction section

Thermostat section

Cleaning area

Finished fertilizer packing area

purpose : The use of humic fertilizers in the agricultural sector provides an increase in yield by 25-40%, three times accelerates the renewal of humic soil layers, forms insoluble complexes with heavy metals that are not assimilated by plants.

Advantage : The amount of humic substances is 1.4 times higher than existing analogues. The developed technology will allow to remove as much as possible humic and humic substances from peat with a significant reduction in temperature and extraction time with the subsequent use of the liquid fraction as fertilizer, and the solid residue - after extraction for the production of cheap fuel.

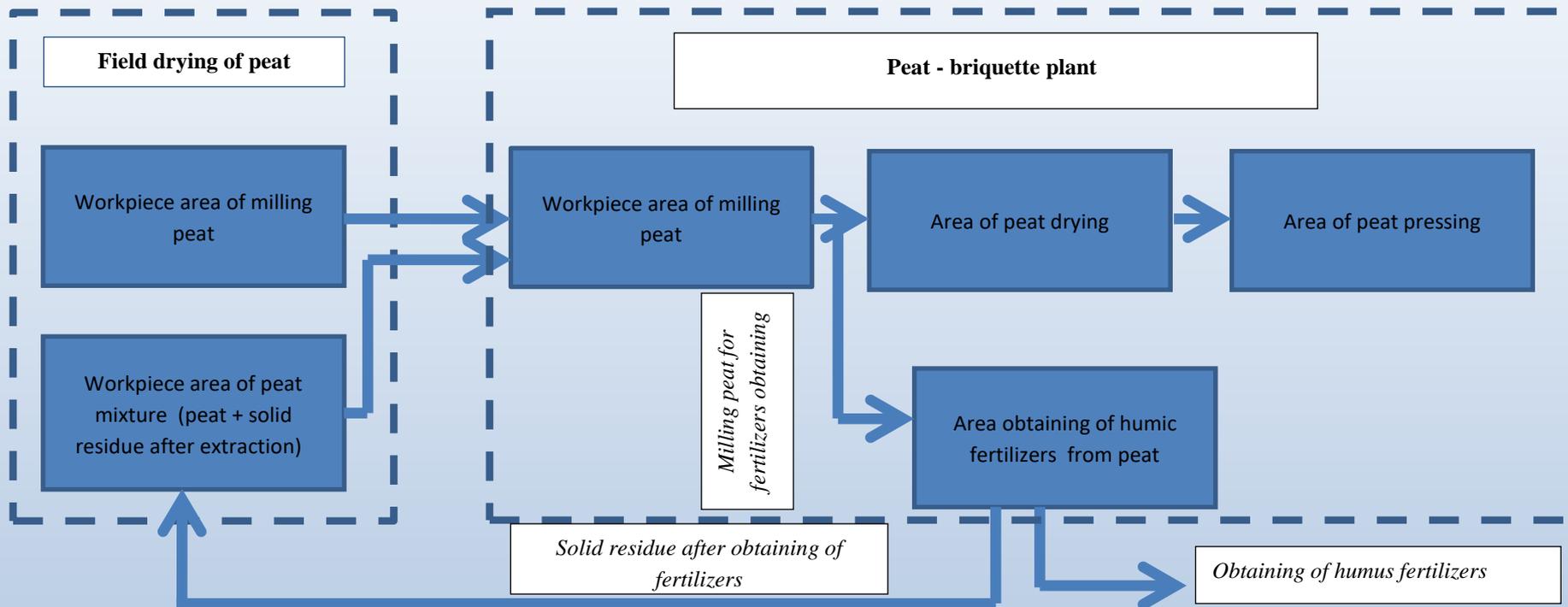
Implemented : License sold in Socialist Republic of Vietnam and implemented in Ukraine.

Patents : Patent for the invention № 117651 from 27.08.2018, Patent for the invention № 116663 from 25.04.2018.



Ukraine, Kyiv, street Bulakhovsky, 2, tel. (044) 456 62 82, 424 96 38, e-mail: ittf_ntps@ukr.net

Technology of complex processing of peat for fuel and fertilizers



Purpose : Integration of technology for extraction of humic substances from peat in the production cycle of a peat briquette plant for the production of composite biofuels. The use of humic substances in the agricultural sector provides an increase in yield by 25-40%, three times accelerates the recovery of the humus layer of soils.

Advantage : The amount of humic substances is 1.4 times higher than existing analogues. The developed technology will allow to remove as much as possible humic and humic substances from peat with a significant reduction in temperature and extraction time with the subsequent use of the liquid fraction as fertilizer, and the solid residue - after extraction for the production of cheap fuel. Compared to other types of composite biofuels, the resulting composite biofuel contains significantly less sulfur and ash. It emits almost no toxic substances during burning and, accordingly, does not pollute the environment.

Implemented : License sold in Socialist Republic of Vietnam and implemented in Ukraine.

Patents : Patent for the invention № 117651 from 27.08.2018, Patent for the invention № 116663 from 25.04.2018.



Ukraine, Kyiv, street Bulakhovsky, 2, tel. (044) 456 62 82, 424 96 38, e-mail: ittf_ntps@ukr.net