

**OILSEED FLAX HARVESTING TECHNOLOGY UNDER THE WESTERN POLISIA
CONDITIONS**

Appointment

The development is intended to adapt the process of oilseed flax harvesting to weather conditions during the growing season in order to optimize the process and preserve the plant's potential.

Development main benefits

The developed technology makes it possible to reduce fiber losses, reduce energy costs for the process, and maximally collect all components of the cultivated crop.

Intellectual property protection status

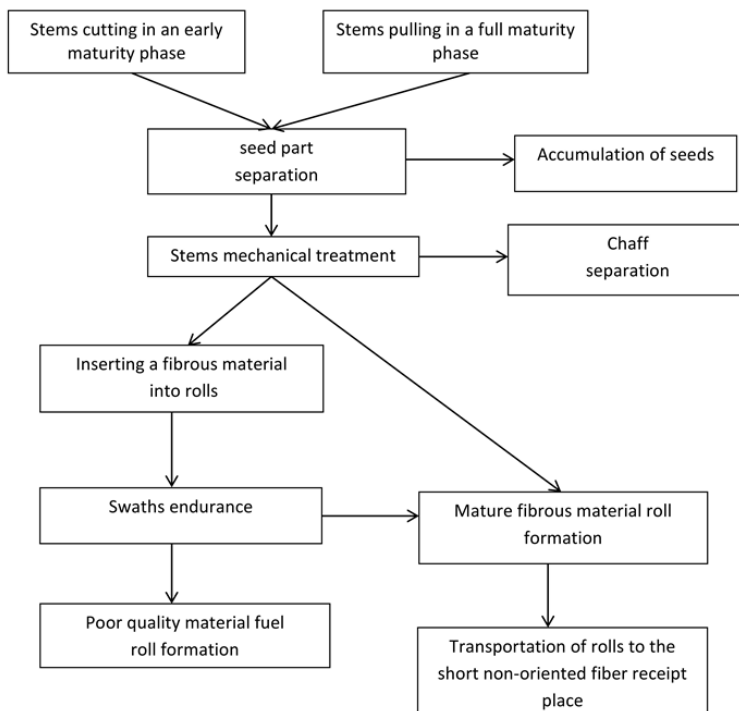
6 patents of Ukraine were obtained

The essence of the development

According to the proposed technology, the stem portion of the flax is cut or taken depending on the stalk ripeness degree, separating the seed portion and destroying the stems by mechanical treatment, removing the chaff. If the fibrous material is mature, then it is formed in rolls and transported to the short non-oriented fiber receipt place. If the destroyed stems were in the phase of early yellow ripeness, then they are placed in the rollers for climbing. After the maturing and maturation of the fibrous material to the phase of full ripeness, with the help of additional technical means, roll forming takes place, followed by transporting them to the short non-oriented fiber receipt place. Thus, all technological operations, in addition to forming rolls of rolls after being pulled and transported to the short non-oriented fiber receipt place, can be performed by a combine harvester.

The development readiness

The development is ready for implementation



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