

FODDER PLANT VARIETIES FOR PHYTO-FERTILIZER PRODUCTION



Lybid Fodder Radish



Green mass of *Obrii* Turnip x Wild Cabbage Hybrid

Areas of Application

To be used in agricultural production and organic farming to fertilize soils for intermediate and repetitive planting and garden census and to reduce chemical burden on environment

Specification

Annual (spring and winter forms) and perennial crops (*Leguminosae*, *Brassicaceae*, and *Malvaceae*) with a phyto-fertilizer yield of 30–60 t/ha; enrich soil with organic matter; improve soil agrochemical and biological properties; improve soil nutritional regime (N, P, K, and Ca); prevent wind and water erosion; facilitate snow retention; suppress agrestal weed and pathogen growth; and remove allelopathic effects. The *Horlytsia*, *Oriana*, *Rada*, *Sylva*, *Lybid*, and *NANU-90* varieties have been recorded in the State Register of Plant Varieties Suitable for Growing in Ukraine



Plowing of green manure

Advantages

As compared with other sources of phyto-fertilizers, these crops have a higher ecological plasticity, a cheaper cost, and a more effective residual recovery. One ton green manure generates 3 times higher profit than one ton mulch

IPR Protection

IPR3

Stage of Development. Suggestions for Commercialization

IRL3, TRL3

The commercial production of varieties is governed by license agreements. Seeds and recommendations on plant cultivation and use are provided

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