



Hemp in Ukraine

While hemp processing infrastructure in Ukraine needs to be upgraded and modernized, production has been ongoing for centuries. Most hemp farming and processing stretches across the northern half of the country.



Leading Ukrainian hemp varieties

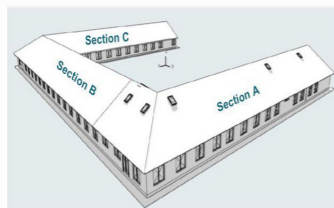
Only hemp grain and fiber varieties can be grown and processed in Ukraine, under annual licenses handed out by the federal government and a THC limit of 0.2%. With leading Ukrainian varieties suitable for growing tall stalks, local farmers can use domestic genetics.

Hemp Variety	Type	Registration
USO 14	Fiber/Grain	Ukraine, EU, Canada
USO 31	Fiber/Grain	Ukraine, EU, Canada
Zolotoniski 11	Fiber/Grain	Ukraine, Canada
Zolotoniski 15	Fiber/Grain	Ukraine, Canada
Hlukhivskiyi 46	Fiber	Ukraine
Hlukhivski 33	Fiber/Grain	Ukraine

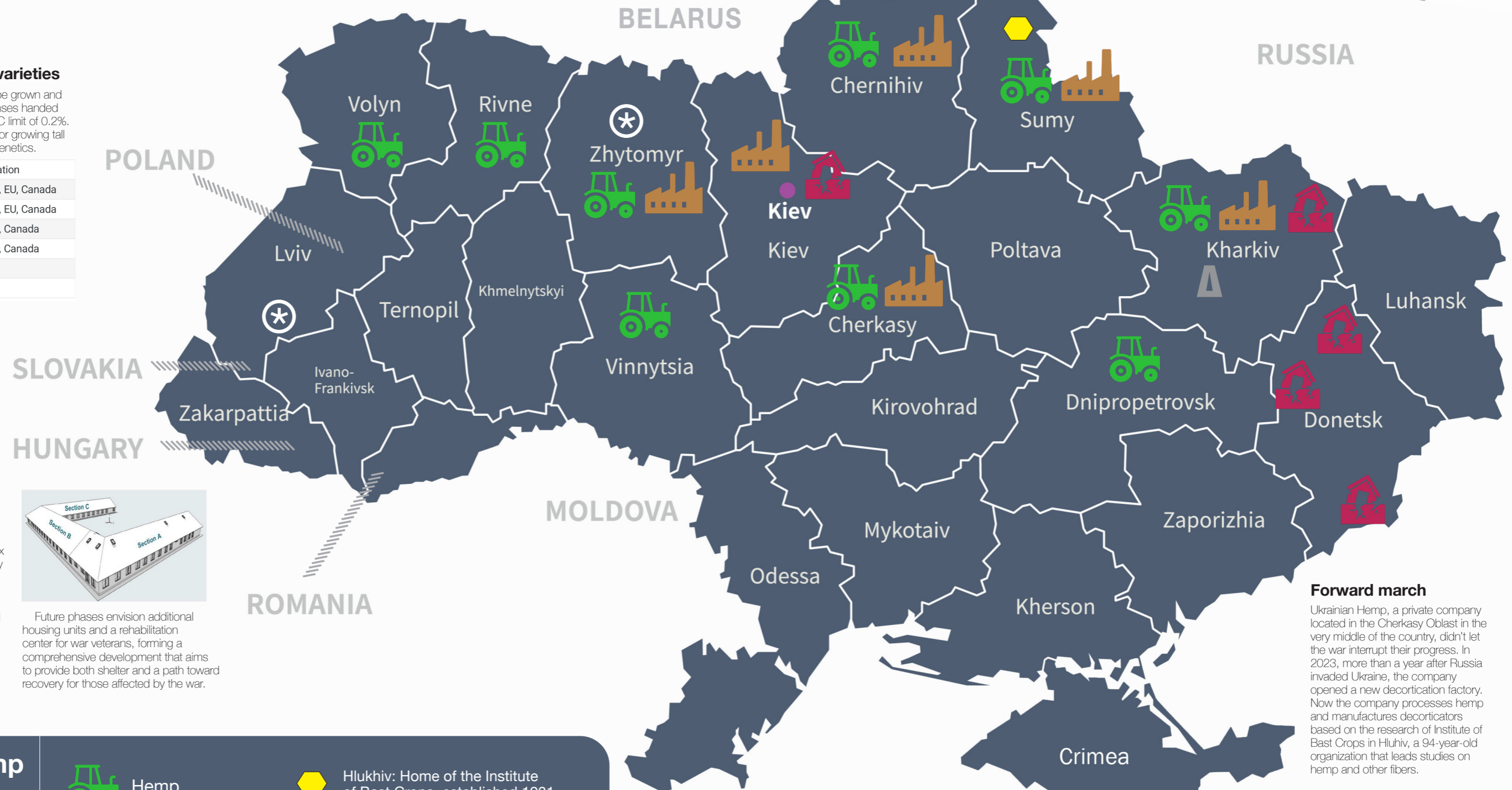
The Morshyn project

"Hemp. Ukraine. Recover.", an initiative started by Sergiy Kovalenkov to provide sustainable hemp housing for displaced families, war veterans and orphans, is a 30-unit apartment complex now going up near Morshyn, a small city in the western part of the country.

The complex is the first of a three-phase project that incorporates the restoration of a former dairy building and new construction. The buildings are framed with wood and insulated using hempcrete, made from hurd sourced from Ukrainian farms and mixed with a locally developed binder.



Future phases envision additional housing units and a rehabilitation center for war veterans, forming a comprehensive development that aims to provide both shelter and a path toward recovery for those affected by the war.



Ukrainian hemp
 Estimated fields:
2023 1,500 ha
2024 2,000 ha
2025 3,000+ ha
 Fiber processing capacity:
15,000 kg/yr

- Hemp is grown
- Fiber Processing
- Where building most needed
- Hlukhiv: Home of the Institute of Bast Crops, established 1931
- Overland border crossings
- Ma'Rijany Hemp Company
- Morshyn Project

Milestones: Ukrainian hemp history

- Pre-1700s**
Hemp introduced via trade routes, becoming integral to rural agriculture and traditional crafts.
- 1700-1750**
Ukrainian hemp gains recognition as a key export for European maritime rope production.
- 1750-1800**
Expansion of hemp cultivation in Left-bank Ukraine for textile and oil production.
- 1800-1850**
Russian Empire promotes hemp cultivation; Ukraine becomes a leading producer of bast fibers.
- 1850-1900**
Processing advances with steam-powered decorticators improving efficiency.
- 1900-1950**
Soviet era: Ukraine designated strategic hemp research center. Institute of Bast Crops opens (1931)
- 1950-2000**
Institute of Bast Crops develops low-THC, high-yield hemp varieties to meet 0.08 THC limit.
- 2000-2025**
Post-Soviet revival: Hemp industry revitalized for fiber, grain, and eco-construction applications.

Forward march

Ukrainian Hemp, a private company located in the Cherkasy Oblast in the very middle of the country, didn't let the war interrupt their progress. In 2023, more than a year after Russia invaded Ukraine, the company opened a new decortication factory. Now the company processes hemp and manufactures decorticators based on the research of Institute of Bast Crops in Hlukhiv, a 94-year-old organization that leads studies on hemp and other fibers.