

A close-up photograph of a pair of hands cupped together, holding a large mound of golden wheat grains. The hands are positioned at the top and sides of the frame, with the fingers slightly curled. The wheat is piled high in the center, creating a textured, golden surface. The background is blurred, showing more of the wheat and the hands. The overall tone is warm and natural, emphasizing the agricultural theme.

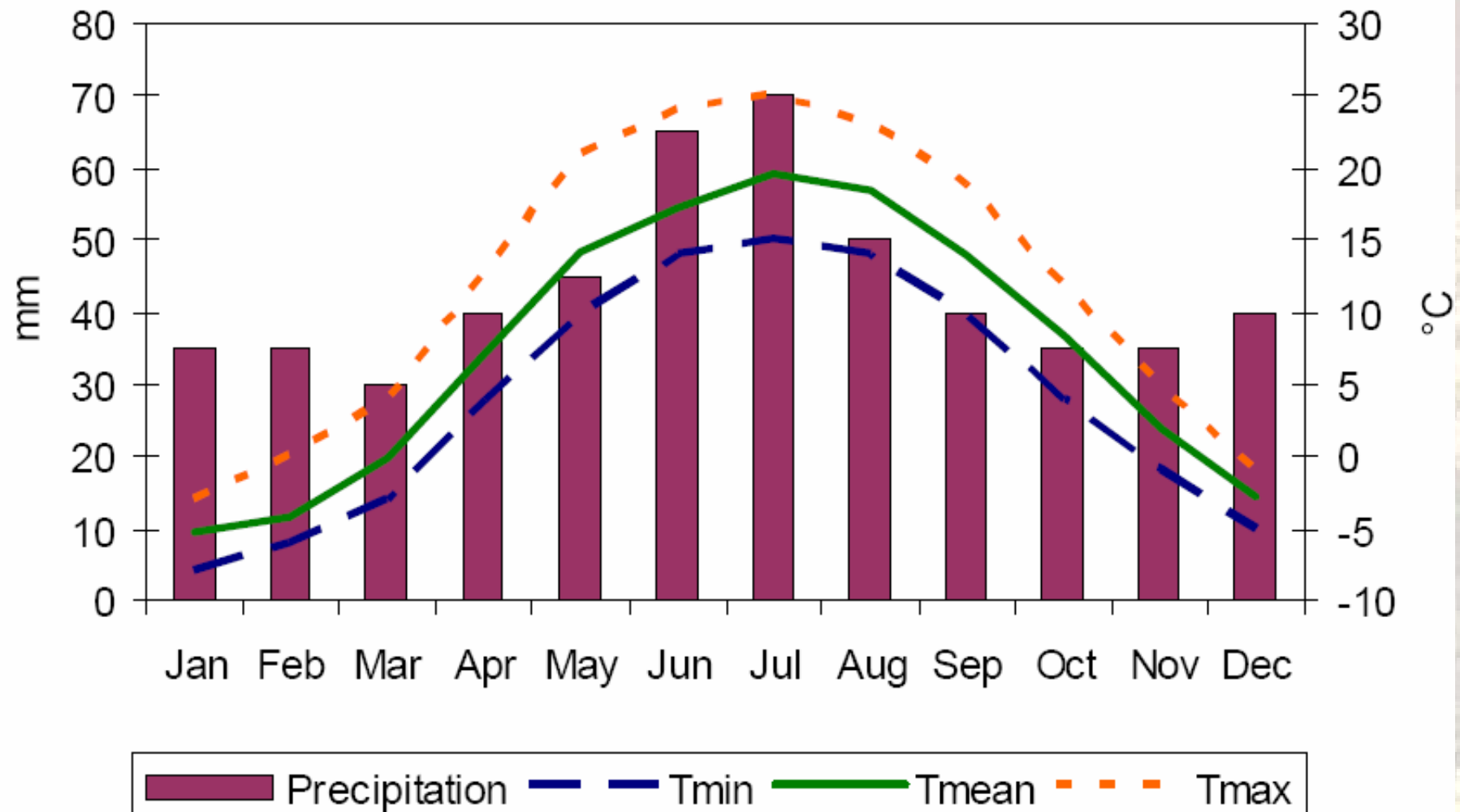
# UKRAINE

## Land of Agriculture

# Physiographical map: climatic zones of Ukraine



## Climate in Ukraine



## **Ukraine, land resources**

**The land resources of the Ukraine according to the information of the “State committee of land resources of Ukraine” are 60,35 Mio ha:**

**69,3 % agricultural land, out of which are:**

**55,1 % plough-land**

**1,7 % permanent grassland**

**12,5 % meadows and pastures**

**Nearly 2/3 of the agricultural land is used for agriculture.**

**The total area consists of**

**95% land**

**4 % water**

**1 % reservoirs,  
ponds and other  
water resources**

## Typical agricultural enterprise in Ukraine (2500 ha)

### Structure of a typical farm in Poltava region:

Total area – 2448 ha

Plough-land – 2383 ha

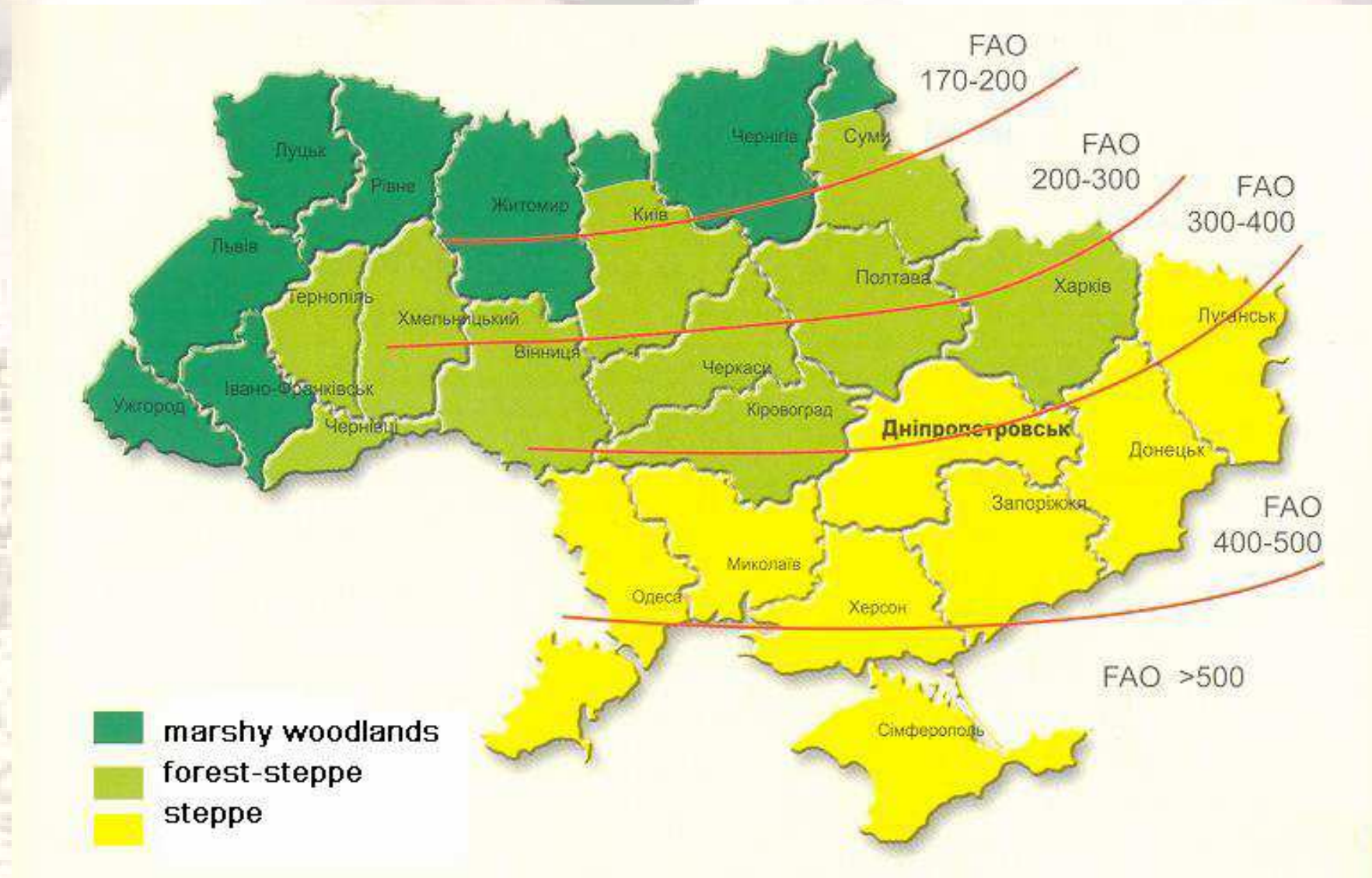
Amount of fields – 65 pcs.

Average field size – 64 ha

### Main crops under cultivation:

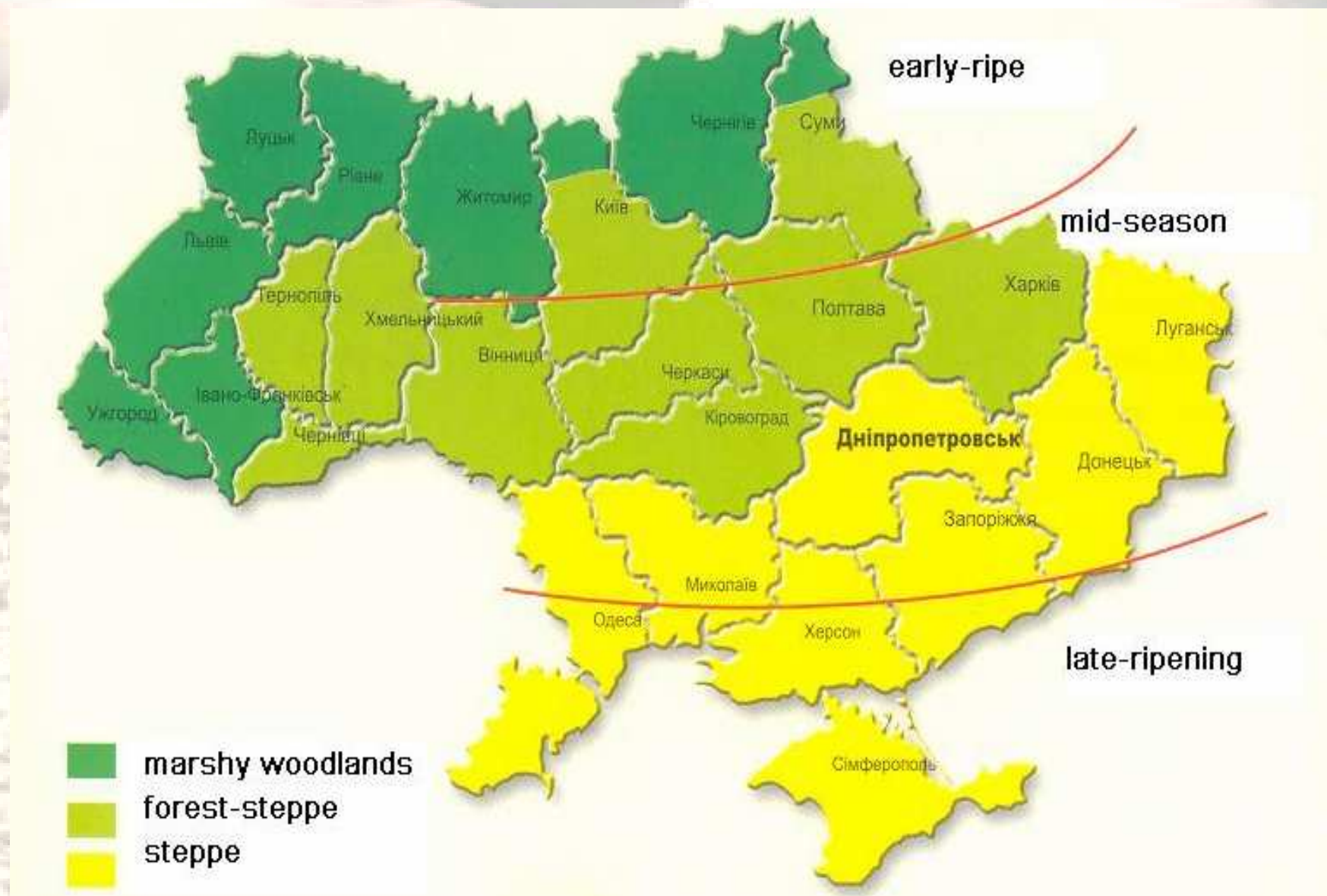
Maize	– 682 ha
Winter wheat	– 462 ha
Soybean	– 497 ha
Sunflower	– 357 ha
Barley	– 154 ha
Rape	– 73 ha

## Zones of maize cultivation





## Zones of sunflower cultivation



## Implements for cultivation





# Ukraine: cultivation and disking



# Ukraine: cultivation and disking



## Ukraine: cultivation and disking



## Ukraine: cultivation and packing of soil





## The machinery for harvesting





**Average perennial accumulated temperatures  
and rainfall depending on climatic zone of Ukraine**

Zone	accumulated temperatures, ° C				rainfall total, mm
	0	5	10	15	
steppe	3590	3490	3155	2600	406-514
forest- steppe	3110	2990	2660	2010	547-645
marshy woodlands	3090	2960	2595	1865	621-922

**Sum of photosynthetical active radiation  
depending on climatic zone of Ukraine**

Zone	Sum PAR, megajoule/m <sup>2</sup>	
	10	15
steppe	1937	1671
forest-steppe	1704	1491
marshy woodlands	1665	1432