

14. Slovakia – Agriculture – Vegetable production

The *agricultural production* refers to the basic economic activities of people. It represents systematic usage of natural resources for obtaining food and raw materials to satisfy basic human needs. *Land* means the most basic input within such an economic activity. Plant (vegetable) production and livestock production divide agriculture into 2 major segments.

It produces crops for various purposes:

- § *foodstuffs* e.g.:
 - *Occurrence*:
- § *fodder crops* e.g.:
 - *Occurrence*:
- § *technical crops* e.g.:
 - *Occurrence*:

What types of agriculture land do you know?

- the share of *arable land* from total agriculture land is 59%.

The main types of cultivated crops in Slovakia include:

- **cereals** (wheat, barley, corn, oats, rye)
Occurrence: KN, DS, LV, NZ, NR, TO, TT
- **oil plants** (rape, sunflowers)
Occurrence:
- **legumes** (beans, lentils, peas)
- **potatoes**
Occurrence:
- **sugar beet /sugar cane**
Occurrence:
- **vegetables** (tomato, pepper, onion, cucumber, lettuce, cabbage, carrots, parsley, cauliflower, celery, garlic etc.)
- **grape** (white, red)
Occurrence:
- **fruit trees/garden fruits** (apple, plum, peach, pear, apricot, cherry, nuts)

What crops are grown in your place of residence?

What fruits or vegetables do you cultivate in your garden?

Renewable sources of energy in agriculture (bio-energy)

Nowadays the agriculture gets a new function: *production of crops for energy purposes* like: *biomass* (e.g. corn harvest residues, wooden chips → pellets) => biogas, bio-ethanol.

Give an example of renewable energy sources.

Define the term biomass. How is it created?

How is your house/block of flats heated?

Can you describe other usage of fruits grown in our homeland?

How can you preserve food for later usage?

What do we need to cultivate crops?

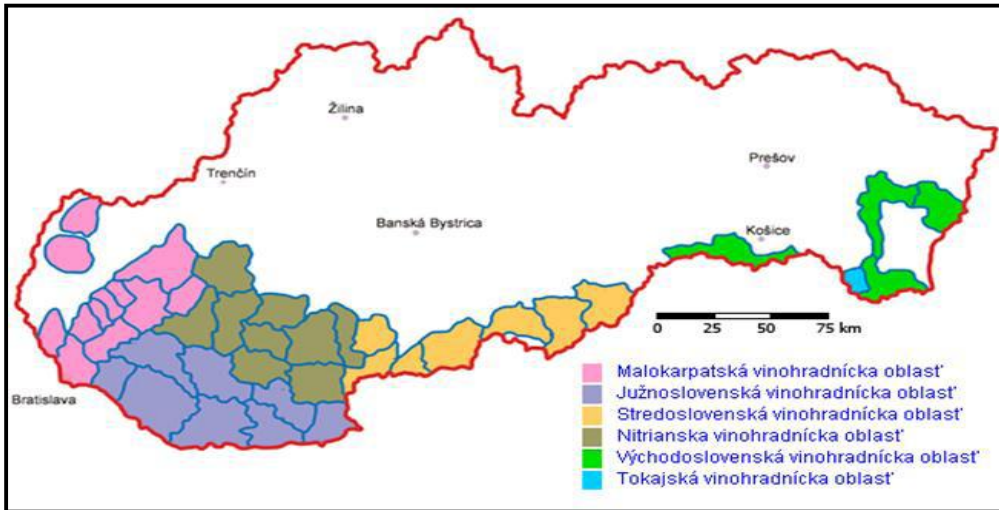
Cross out a term which does not belong to the other ones logically.

- Ø DS – NO – potatoes – beans – CA
- Ø vineyards – PK – Modra – Zuberec – Viničky
- Ø sawmill – spruce – furniture – salt mine - IKEA

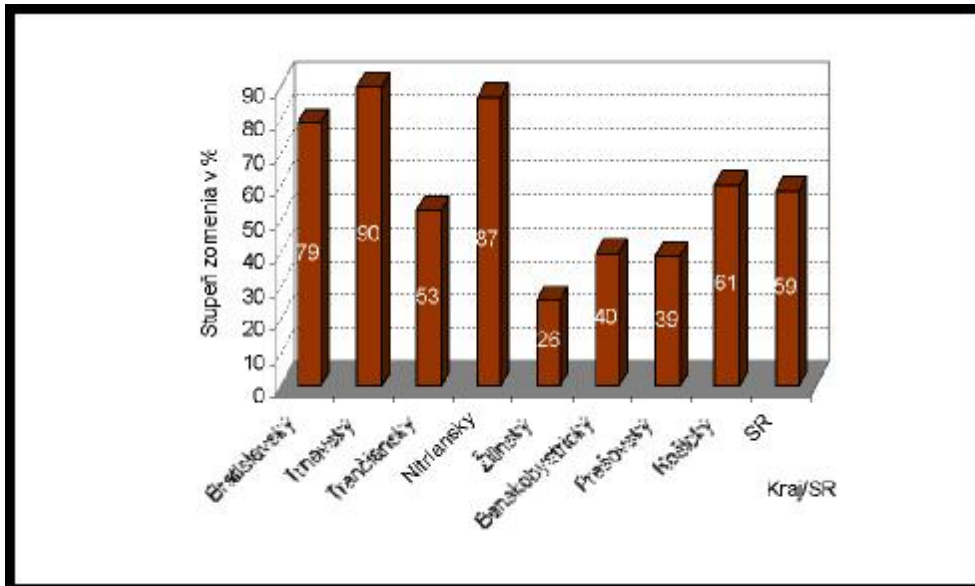
Keywords:

agriculture, natural resources, foodstuffs, fodder/technical crops, arable land, grassland, cereals, oil plants, legumes, sugar beet/cane, grape, renewable, bioenergy, biomass, biogas, (central) heating, vegetable/livestock production, land cover, land use, options, usage

Picture 1: Wine regions in Slovakia



Picture 2: The share of arable land in agriculture land in Slovak regions (2006)



Picture 3: The share of agriculture land of total area in %

