

Výukový materiál zpracovaný v rámci operačního programu Vzdělávání pro konkurenceschopnost



INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

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Technical English



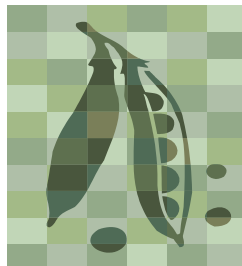
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Jméno autora:	Mgr. Jolana Čechová
Adresa školy:	Střední škola zemědělská, Osmek 47 750 11 Přerov

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Crops (plodiny)

- Are plants grown for food, fuel or any other economic purpose.
- Products of harvest obtained by labour.
- Industrial crops are grown for manufacture or production purposes not for food.
- Farm crops (zemědělské, hospodářské plodiny)





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Grains

- Grains are small, hard, dry seeds harvested for human or animal food.
- Agronomists also call the plants producing such seeds '**grain crops**'.
- Main types of commercial grain crops are cereals such as wheat and rye, and legumes such as beans and soybeans.



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1) Cereals grains (obiloviny) or corn

- The cultivation of all cereal crops is similar.
- Most are annual plants; consequently one planting yields one harvest.

a) cool-season cereals (wheat, rye, oats, barley)

- are hardy plants that grow well in moderate weather and cease to grow in hot weather.
- are well-adapted to temperate climates.
- winter or spring types.

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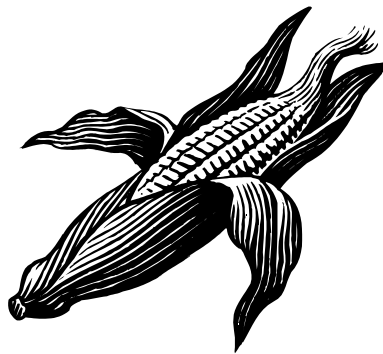
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b) warm-season cereals (millet, maize, rice)

- are tender and prefer hot weather
- are grown in tropical lowlands year-round and in temperate climates during the frost-free season.

c) pseudo-season cereals (buckwheat, amaranth)

- Starchy grains from broadleaf (dicot) plant families



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2) Oil crops (olejniny)

- Grains grown primarily for the extraction of their edible oil.
- Vegetable oils provide dietary energy and some essential fatty acids.
- They can be used as fuel or lubricants.
- **Oilseed rape, Mustard, Poppy seed, Sunflower**



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3) Pulses, legumes (luštěniny)

- is an annual crop yielding from one to twelve seeds of variable size, shape, and colour within a pod.
- Pulses are used for food for humans and other animals.
- Pulses are important food crops due to their high protein and essential amino acid content.
- **Peas, lentils, beans,**



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4) Roots or tubers (okopaniny)

- Tubers are various types of modified plant structures that are enlarged to store nutrients

a) stem tubers (potatoes)

- A stem tuber forms from thickened rhizomes or stolons.
- The top sides of the tuber produce shoots that grow into typical stems and leaves and the under sides produce roots.
- They tend to form at the sides of the parent plant and are most often located near the soil surface.



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b) root tubers (beet, sugar beet)

- Sugar beet (*Beta vulgaris*) is an annual plant in the Family Amaranthaceae.
- The tuberous root contains a high proportion of sucrose.
- It is cultivated in temperate regions with adequate rainfall and requires a fertile soil.
- The crop is harvested mechanically in the autumn.





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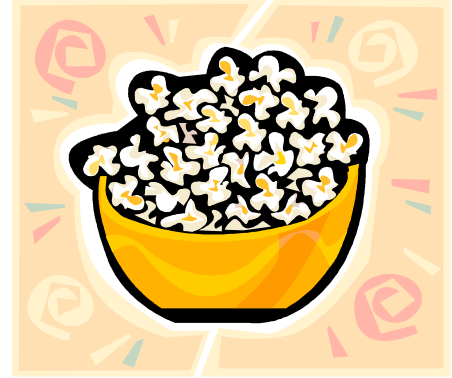
5) Industrial Crops

- **An energy crop** is a plant grown as a low-cost and low-maintenance harvest used to make biofuels, such as bioethanol, or combusted for its energy content to generate electricity or heat. (willow, poplar)
- **Fiber crops** are field crops grown for their fibers, which are traditionally used to make paper, cloth, or rope. (hemp, flax, cotton)
- **Fodder or animal feed** is any agricultural foodstuff used specifically to feed domesticated livestock, such as cattle, goats, sheep, horses, chickens and pigs. (clover, alfalfa)



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Practice 1

(guess the word)

- 1) This corn is well- adapted to temperate climate and is used in production of beer or whisky. B----Y.
- 2) You can make popcorn from it. M---E.
- 3) Vegetable oil is produced from it. S-----R.
- 4) It is healthy to eat it because of protein. L-----S.
- 5) This crop is able to store nutrients. P-----E.
- 6) It is used mainly as animal feed. C----R.





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Practice 2 *(Match the numbers to letters)*

- 1) Crops
 - a) are field crops grown for their fibers, which are traditionally used to make paper, cloth, or rope.
- 2) Fiber crops
 - b) is an annual plant in the Family Amaranthaceae.
- 3) Sugar beet
 - c) is an annual crop yielding from one to twelve seeds of variable size, shape, and colour within a pod.
- 4) Legume
 - d) Products of harvest obtained by labour.

Check your answers

Practice 1

Barley, millet, sunflower, lentils, potato, clover.

Practice 2

1d, 2a, 3b, 4c.



Použité zdroje



- Veškeré použité obrázky (kliparty) pocházejí ze sady Microsoft Office 2010.
- Všechny fotografie pochází z archivu autora nebo internetu
- Voráček J., *Zemědělská angličtina*, Profi Press s.r.o., Praha:2004
- O'Sullivan N., DiLibbin J., *Agriculture*, Express Publishing, 2011

*Autorem materiálu a všech jeho částí, není-li uvedeno jinak, je Mgr. Jolana Čechová
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