



Inspection of compliance with IPM elements in the Czech Republic

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IPM in CZ - current situation

- Not new for growers of grapevine, fruits, and vegetables (system of IP+organic agriculture –well established, subsidized)
- Field crops might be a problem
- Need for concept, guidelines, advisory service and update of current information

Control system for field crops

- Part of WG on setting up of NAP
- 1st draft of system – March 2013
- Cooperation between research and control institutions
- Continuously discussed with farmers organisations
- Final draft of system + comments – December 2013
- Checklist for field crops + guideline published – April 2014

- Support for farmers (guideline for field crops, thresholds, monitoring facilities, DSS, red/yellow/green list of pesticides, advisory system, public awareness – seminars for farmers)

Who is responsible for inspection of compliance?

- Central institute for Supervising and Testing in Agriculture (former SPA) – independency
- Internal guideline for inspectors has been designed
- Farmers informed in advance, advised, visited, checked and according to the results – passed/failed – need for improvement for the following year)

Background of control system for field crops

- Annex 3 of Directive 2009/128 ES transformed into the checklist
- System of bonus (getting points) not malus (lower motivation)
- According to the cultivated area or proportion of harmful organisms
- 20 questions in total, 10-30 pts./question

System of evaluation

- Control covers area where field crops are cultivated
- **Full/reduced/zero points** are delivered according to the area/proportion of harmful organisms for those the principle is accomplished



Full amount of points – principle accomplished on more than 75 % of cultivated area



Reduced amount of points – principle accomplished on 50 - 75 % of cultivated area



Zero points – principle accomplished on less than 50 % of cultivated area

What kind of evidence can be used?

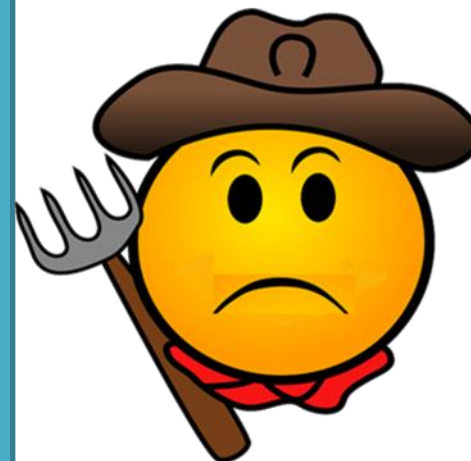
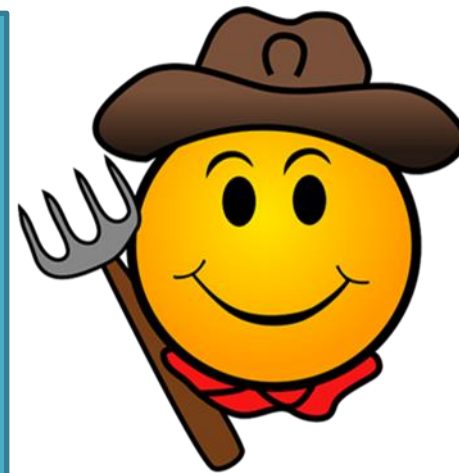
- **Written or electronic evidence kept by farmer** (obligatory evidence of fertilizer+pesticide usage, voluntary evidence on thresholds or evaluation of efficacy)
- **Accounting records** – purchase of monitoring facilities, seeds for flowering strips, advisory/monitoring service, etc.
- **Check on spot/in field** (possession of facilities, post-harvest management)
- **Confirmation** of attendance on seminar/lecture/qualification or confirmation of contract with independent advisory service

Who must prove requirements are accomplished?

- It is up to **farmer** to prove that he fulfills required obligations (2014)
 - Written/electronic evidence
 - Accounting records
 - Possession of facilities
 - Certifications
 - Existence of adopted measures
- Inspector judges relevance of presented materials/measures

Results of inspection

- Amount of points reflects degree of IPM implementation
- Fulfilling of limit = complying with obligation
- Limit for complying is **120 pts.** (maximum 350 pts.)
- Not complying
 - 1st year – recommendation of correcting measures
 - 2nd year – repeated control, check if farmer meets the requirements



IPM
points

350

280

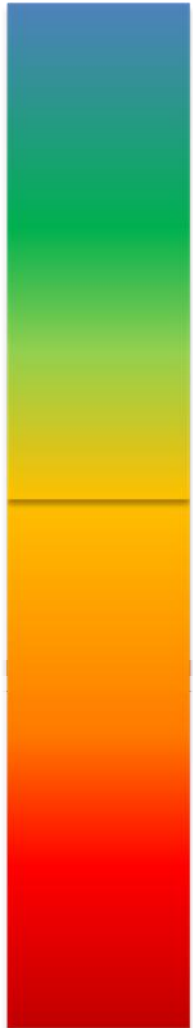
210

140

120

70

0



Sanctions

- **NO** sanctions planned for 2014 (just recommendation)
- Controls not linked with current subsidies
- Farmers below the limit are advised and next year checked if recommended measures have been implemented into the growing technology = must get at least 120 pts.



Information resource

Websites of CISTA
since April 2014

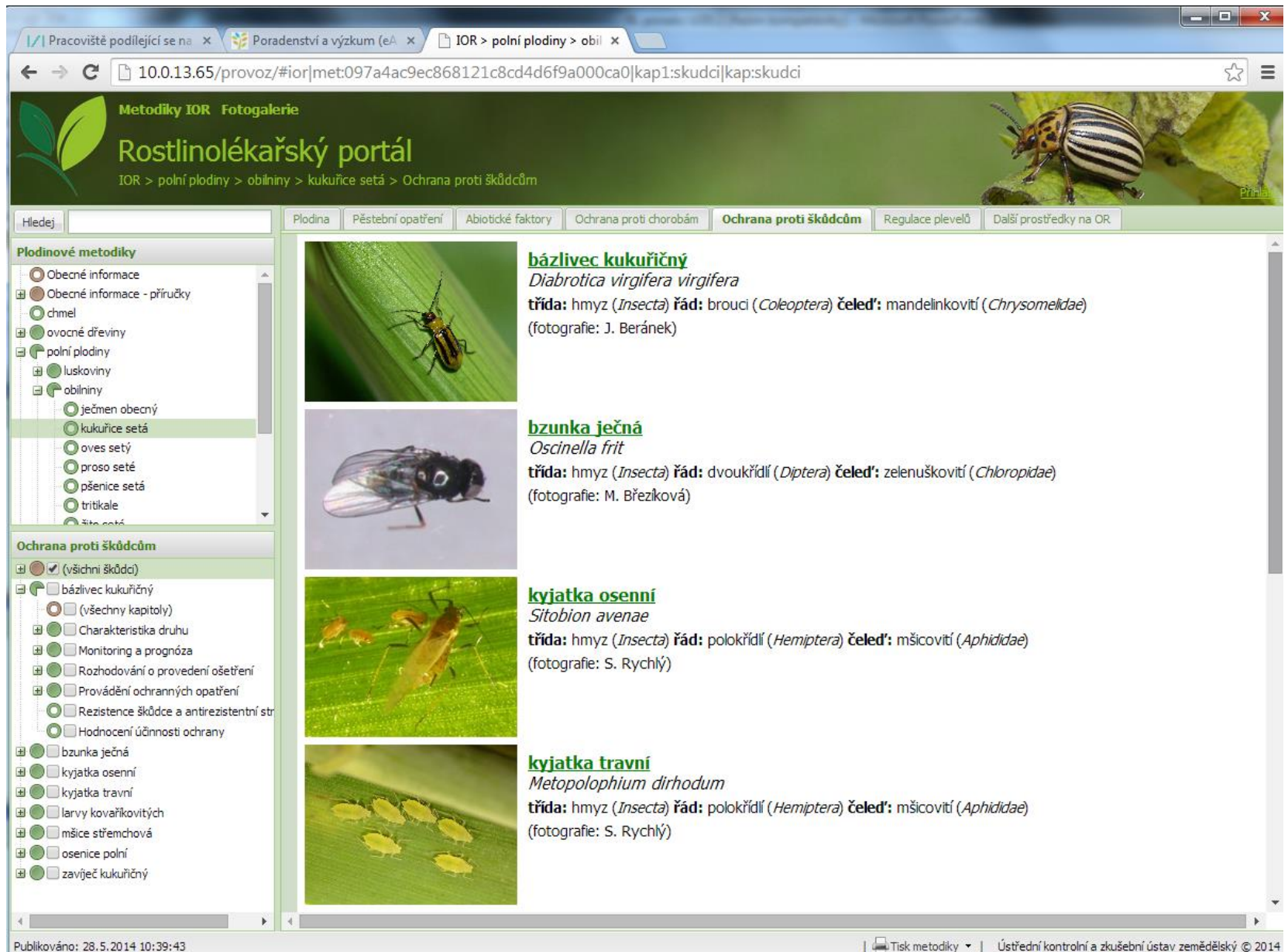


Whate can be found there?

- Crop specific guidelines, R/Y/G list
- Check list
- Guideline for score system



Phytosanitary portal – new tool for support



Pracoviště podílejší se na x Poradenství a výzkum (eA x IOR > polní plodiny > obil x

10.0.13.65/provoz/#ior|met:097a4ac9ec868121c8cd4d6f9a000ca0|kap1:skudci|kap:skudci

Metodiky IOR Fotogalerie

Rostlinolékařský portál

IOR > polní plodiny > obiliny > kukuřice setá > Ochrana proti škůdcům

Hledej

Plodina Pěstební opatření Abiotické faktory Ochrana proti chorobám **Ochrana proti škůdcům** Regulace plevelů Další prostředky na OR

Plodinové metodiky

- Obecné informace
- Obecné informace - příručky
- chmel
- ovocné dřeviny
- polní plodiny
 - luskoviny
 - obiliny
 - ječmen obecný
 - kukuřice setá**
 - oves setý
 - proso seté
 - pšenice setá
 - tritikale
 - žito setá

Ochrana proti škůdcům

- (všichni škůdci)
- bázlivec kukuřičný
 - (všechny kapitoly)
 - Charakteristika druhu
 - Monitoring a prognóza
 - Rozhodování o provedení ošetření
 - Provádění ochranných opatření
 - Rezistence škůdce a antirezistentní str
 - Hodnocení účinnosti ochrany
- bzunka ječná
- kyjatka osenní
- kyjatka travní
- larvy kovaříkovitých
- mšice stěmchová
- osenice polní
- zavíječ kukuřičný

bázlivec kukuřičný
Diabrotica virgifera virgifera
třída: hmyz (*Insecta*) **řád:** brouci (*Coleoptera*) **čeleď:** mandelinkovití (*Chrysomelidae*)
(fotografie: J. Beránek)

bzunka ječná
Oscinella frit
třída: hmyz (*Insecta*) **řád:** dvoukřídílí (*Diptera*) **čeleď:** zelenuškovití (*Chloropidae*)
(fotografie: M. Březková)

kyjatka osenní
Sitobion avenae
třída: hmyz (*Insecta*) **řád:** polokřídílí (*Hemiptera*) **čeleď:** mšicovití (*Aphididae*)
(fotografie: S. Rychlý)

kyjatka travní
Metopolophium dirhodum
třída: hmyz (*Insecta*) **řád:** polokřídílí (*Hemiptera*) **čeleď:** mšicovití (*Aphididae*)
(fotografie: S. Rychlý)

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The point is ...

- All information is **available** to promote farmers to pass own control to prove their own technology and help to identify deficiencies in current practice in term of IPM (preparation for formally kept control)
- Controls will be carried out by local inspectors knowing conditions and are able to decide if farmer reconsiders all available economically acceptable options
- First year will be mostly „get to know“ the system itself (arise public awareness, get educated farmers +advisers)

Conclusion - perspectives

- **Build up support system to promote adoption of key IPM principles** (development of Phytosanitary portal, advisory system, introduction of new elements into the current AEO, GAEC, RDP, etc.)
- **Evaluation of outcomes of control of compliance** (results of 2014 will be crucial for adjustment of control system for next years – expected results beginning of 2015)

Thank you for your attention

... I am keen on IPM

