The role and extent of non-governmental standards in the promotion of Integrated Crop & Pest Management

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Some current initiatives

- **5 case studies: orchard fruit (Belgium); peas (UK); arable crops (Canada); potato (US); arable & field crops (UK)**

- **2 company-led; 2 multi-stakeholder partnerships; 1 farmer-led**

- **Reduction approaches: prohibitions/restrictions; guidelines for use/hazard/impact reduction; toxicity ratings & targets**

Some factors for success

- ✓ **Effective linkages and partnerships**

- ✓ **Learning and knowledge management**

- ✓ **Research, innovation and creativity**

- ✓ **Adaptability**

- ✓ **Commitment to sustainability**

Broader sustainability initiatives

- **Unilever Sustainable Agriculture (tea, tomato, spinach, peas, edible oils)**

- **SAI Platform (cereals, dairy, coffee, fruit, vegetables, potato)**

- **Common Code for Coffee Community (from 2007)**

- **Roundtables for Sustainable Palm Oil & Soya**

- How far can these push the mainstream?

- Does wide coverage compensate for "low" aims?

Dominance of EurepGAP

- **IPM in practice very weak- only 2 out of 64 control points on pesticides!**

- **Responding to our critique and likely to integrate more holistic IPM compliance**

- **Where is the support to help farmers change pest management practice?**

- **Who should pay for this?**

Competition to ban pesticides?

- **Rush among top supermarkets to be seen to be doing something about pesticides- just window dressing?**

- **Unexpected consequences of taking out certain pesticides on home-grown production?**

- **Can you achieve safe pest management with current supermarket price squeezing?**

Who benefits and who loses?

- **Impacts of compliance and quality standards on small family farmers in Europe and developing countries**

- **PAN UK's Food & Fairness project for safer food and farming for Africans**

- **Avoiding negative trade-offs between food safety + environment versus farming livelihoods**

Frankenstein's monster?

- **How does pesticide reduction fit with broader ethical and environmental concerns?**

- **Do we need more protocols and schemes or radical change in supply chains and production systems?**

- **How do we change values and behaviour of consumers, companies and farmers?**

- **What price should we pay for safe, sustainable and ethical food?**