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Proliferating life: biosecurity's ontologies; Fielding the incipient event: making biological risk calculable; Biosecurity as biopolitics; Notes; References; Part II: Implementing biosecurity; 4. Governing biosecurity; Introduction; Policy and regulatory frameworks; Surveillance and risk; Paying for biosecurity; Engaging beyond producers; Conclusion; References; 5. Legal frameworks for biosecurity; Introduction; Why is legislation important for biosecurity? Pre-entry; Point-of-entry; Post-entry; The development of legal controls for agriculture and public health; The international legal framework for biosecurity; International standard-setting bodies; The World Trade Organization; Environmental protection and multilateral environmental agreements; Invasive species; Implementing domestic legal frameworks for biosecurity; Conclusion; Notes; References; 6. Biosecurity: whose knowledge counts?; Introduction: reframing animal disease; Biosecurity and the emergence of veterinary expertise; Contesting biosecurity expertise; Broadening the evidence base: the role of interdisciplinarity; Conclusion; References; 7. Biosecurity management practices: determining and delivering a response; Prevention; Risk profiling and risk management; Quarantine and surveillance; Eradication and pest management; Weighing the costs, benefits, risks and the capacity to respond; From eradication to pest management; Cost sharing and resource allocation; Responsibility sharing: public vs private; Conclusion; Notes; References; Part III: Biosecurity and geopolitics; 8. A neoliberal biosecurity? The WTO, free trade and the governance of plant health

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Sommario/riassunto

<P>Biosecurity is the assessment and management of potentially dangerous infectious diseases, quarantined pests, invasive (alien) species, living modified organisms, and biological weapons. It is a holistic concept of direct relevance to the sustainability of agriculture, food safety, and the protection of human populations (including bio-terrorism), the environment, and biodiversity. Biosecurity is a relatively new concept that has become increasingly prevalent in academic, policy and media circles, and needs a more comprehensive and interdisciplinary approach to take into account mobility,

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