



## Agricultura de precisión y su carácter capitalista: la no neutralidad de la tecnología [

2022

text (article)

Analítica

One of the most important aspects of today's capitalism is technology and its rapid development. Technology is the pillar of innovation studies, and it is debated whether developing countries can make qualitative leaps if they manage to embark on the new technologies that emerge as years pass (e.g., biotechnology, nanotechnology, the Internet of Things, big data, etc.). Industry 4.0 is referred to as a new technological revolution, although it encompasses a variety of technologies. In this article, we analyze the widely discussed topic of technological neutrality, but we do so in relation to one of the leading technologies in the Industry 4.0 movement: precision agriculture. Based on a review of the scientific literature on precision agriculture and using the method of analysis of critical political economy, we draw theoretical-methodological conclusions that are not always acknowledged in the controversy surrounding the neutrality of technology. This article identifies objective trends in the field of precision agriculture, and not only circumstantial causes of political-subjective origin, which are common in the literature of Science, Technology and Society Studies

One of the most important aspects of today's capitalism is technology and its rapid development. Technology is the pillar of innovation studies, and it is debated whether developing countries can make qualitative leaps if they manage to embark on the new technologies that emerge as years pass (e.g., biotechnology, nanotechnology, the Internet of Things, big data, etc.). Industry 4.0 is referred to as a new technological revolution, although it encompasses a variety of technologies. In this article, we analyze the widely discussed topic of technological neutrality, but we do so in relation to one of the leading technologies in the Industry 4.0 movement: precision agriculture. Based on a review of the scientific literature on precision agriculture and using the method of analysis of critical political economy, we draw theoretical-methodological conclusions that are not always acknowledged in the controversy surrounding the neutrality of technology. This article identifies objective trends in the field of precision agriculture, and not only circumstantial causes of political-subjective origin, which are common in the literature of Science, Technology and Society Studies

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMzM4NDI3Njg>

**Título:** Agricultura de precisión y su carácter capitalista: la no neutralidad de la tecnología electronic resource]

**Editorial:** 2022

**Tipo Audiovisual:** Agricultura de precisión doble carácter del trabajo economía política de ciencia y tecnología neutralidad tecnológica Precision agriculture double character of labor political economy of science and technology technological neutrality

**Documento fuente:** Trilogía: Ciencia Tecnología Sociedad, ISSN 2145-7778, Vol. 14, Nº. 28 (Septiembre-Diciembre), 2022

**Nota general:** application/pdf

**Restricciones de acceso:** Open access content. Open access content star

**Condiciones de uso y reproducción:** LICENCIA DE USO: Los documentos a texto completo incluidos en Dialnet son de acceso libre y propiedad de sus autores y/o editores. Por tanto, cualquier acto de reproducción, distribución, comunicación pública y/o transformación total o parcial requiere el consentimiento expreso y escrito de aquéllos. Cualquier enlace al texto completo de estos documentos deberá hacerse a través de la URL oficial de éstos en Dialnet. Más información: <https://dialnet.unirioja.es/info/derechosOAI> | INTELLECTUAL PROPERTY RIGHTS STATEMENT: Full text documents hosted by Dialnet are protected by copyright and/or related rights. This digital object is accessible without charge, but its use is subject to the licensing conditions set by its authors or editors. Unless expressly stated otherwise in the licensing conditions, you are free to linking, browsing, printing and making a copy for your own personal purposes. All other acts of reproduction and communication to the public are subject to the licensing conditions expressed by editors and authors and require consent from them. Any link to this document should be made using its official URL in Dialnet. More info: <https://dialnet.unirioja.es/info/derechosOAI>

**Lengua:** Spanish

**Enlace a fuente de información:** Trilogía: Ciencia Tecnología Sociedad, ISSN 2145-7778, Vol. 14, Nº. 28 (Septiembre-Diciembre), 2022

---

## Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- [informa@baratz.es](mailto:informa@baratz.es)