

# Alternatives to Industrial, Chemical-Intensive Agriculture



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# Agroecology and Diversified Organic Agriculture

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- Mitigates climate change
- Stacks practices
- Increases resilience
- Reduces chemical inputs
- Agroecology – centers local, Indigenous knowledge and social justice





# Ecological Pest Management (EPM)

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- Emphasizes prevention
- Includes diverse cropping systems and healthy soils
- Measures thresholds before action
- Uses holistic pest management



# Recommendations

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1. Pesticide reduction target of 50% reduced chemical pesticide use by 2030
  - 38562. (b)(2) “Ensure that activities undertaken to comply with the regulations do not disproportionately impact low-income communities.”
2. Incentivize agroecology, diversified organic systems and EPM (30% organic by 2030)
3. Model public health and equity outcomes for all agricultural management strategies
4. Full life cycle analysis of common fumigants
5. Include DPR as consulting department

# Citations

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# Thank you!

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[panna.org](http://panna.org)

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