

GLOBAL
RESEARCH
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

Conservation Agriculture & Nutrient Management Network

Craig Drury (Canadian representative)

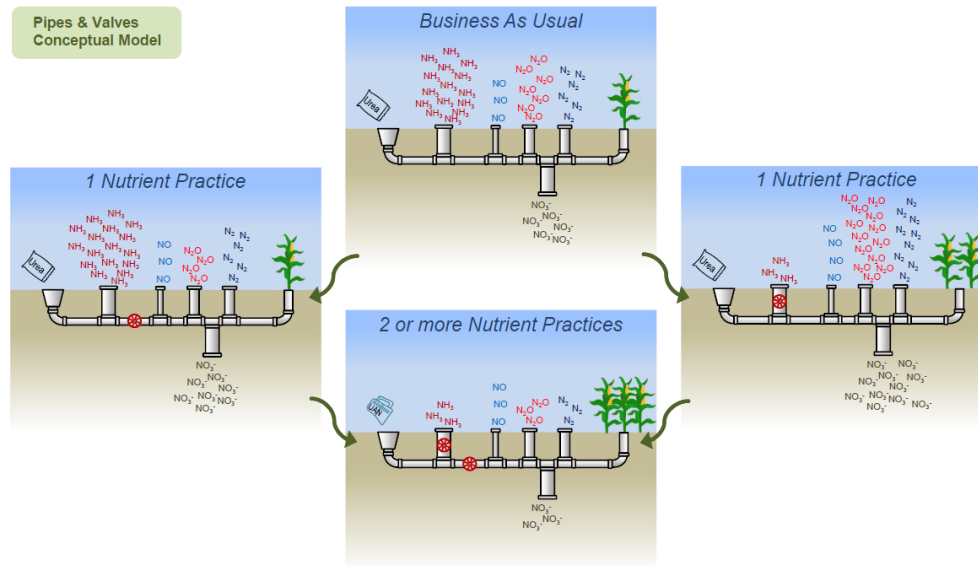
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1) Published Pipe & Valves Concept/Modelling Paper (January 2024)

C.F. Drury et al.

Field Crops Research 307 (2024) 109250



Field Crops Research 307 (2024) 109250



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Contents lists available at [ScienceDirect](https://www.sciencedirect.com)

Field Crops Research

journal homepage: www.elsevier.com/locate/fcr



‘Pipes & Valves’: Managing crop production and environmental impact by mitigating ammonia, nitrous oxide, and nitrate losses

Craig F. Drury^{a,*}, Ward Smith^b, Brian Grant^b, W. Daniel Reynolds^a, Xueming Yang^a, Lori A. Phillips^a

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2) Nutrient Management & 4R Webinar (June 2024)



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Stacking 4R practices with conservation agriculture to mitigate nitrous oxide & ammonia emissions

WEBINAR | WEDNESDAY, 26 JUNE 2024 | 12:00 – 13:30 PDT



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2) Nutrient Management & 4R Webinar (June 26, 2024)



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Stacking 4R practices with conservation agriculture to mitigate nitrous oxide emissions

WEBINAR + Q&A | WEDNESDAY, 26 JUNE 2024 | 12:00 – 13:30 PDT



Chair:

Hero Gollany

Co-chair of the GRA Croplands Research Group



Speakers:

Craig Drury

Agriculture & Agri-Food Canada



Diego Abalos

Aarhus University, Department of Agroecology, Denmark

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Stacking 4R practices with conservation agriculture to mitigate nitrous oxide emissions

Collaborators & Co-Authors

Ward Smith, Dan Reynolds, Lori Phillips, Xueming Yang, Ike Agomoh, Wayne Calder, Brian Grant (Agriculture & Agri-Food Canada)

Alex Woodley (Univ . North Carolina)

Matt Helmers (Iowa State University)

Mark Liebig & Jane Johnson (USDA-ARS)

Yue Li, Ji Chen, Zhaozhi Wang, Hao Feng (Aarhus University)

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3) Carbon Sequestration Review Paper (Maria Rosa Mosquera Losada, lead)

- Prepared & submitted a section for the review paper on:

Conservation Agriculture and Carbon Sequestration

4) Looking for a co-lead for the Conservation Agr. & Nutrient Management Network

- Possible new area of investigation:

- ✓ Overcoming obstacles with cover crops to enhance carbon sequestration & reduce N₂O emissions in cropland agricultural