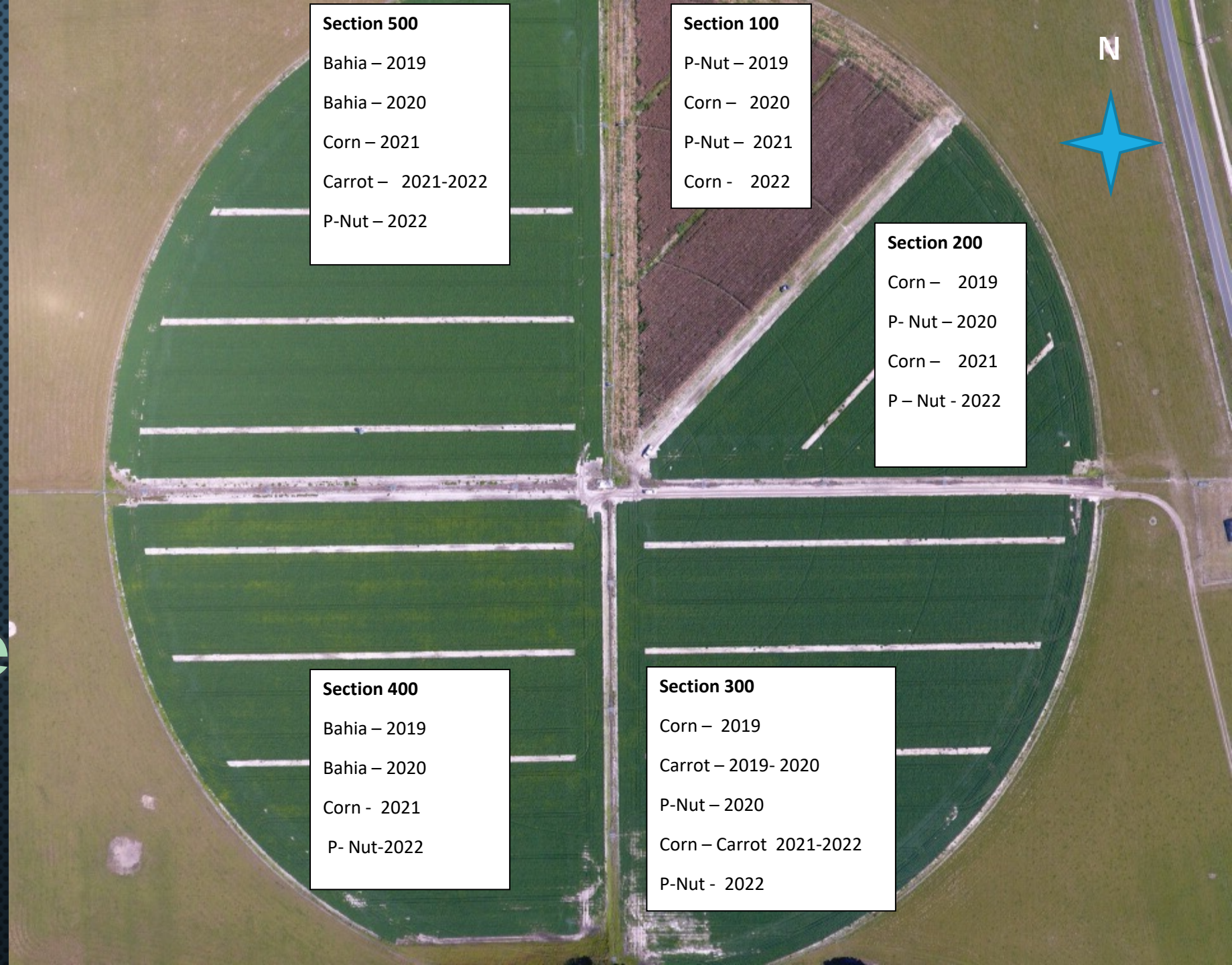


Resilient Cropping Systems: Pathway for Sustainable Future



Section 500

Bahia – 2019
Bahia – 2020
Corn – 2021
Carrot – 2021-2022
P-Nut – 2022

Section 100

P-Nut – 2019
Corn – 2020
P-Nut – 2021
Corn - 2022

Section 200

Corn – 2019
P- Nut – 2020
Corn – 2021
P – Nut - 2022

Section 400

Bahia – 2019
Bahia – 2020
Corn - 2021
P- Nut-2022

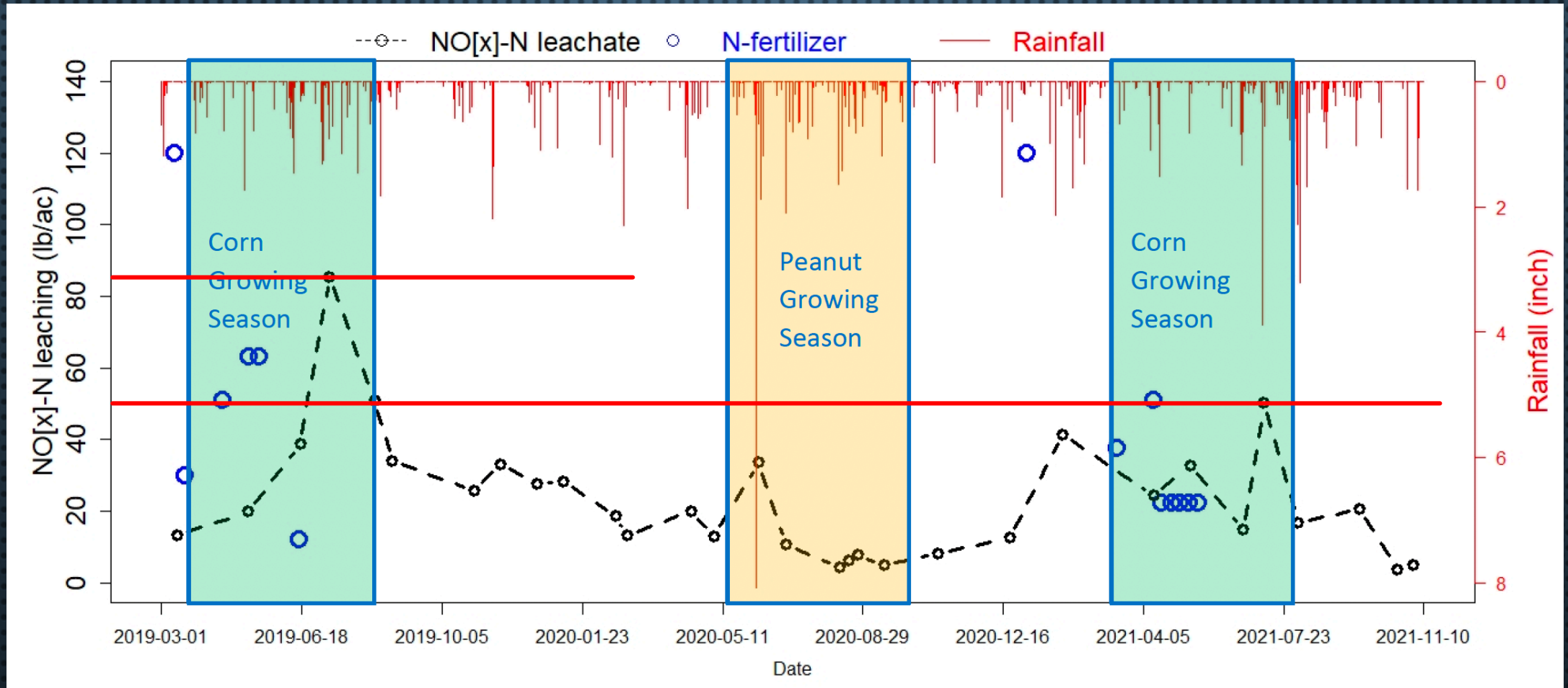
Section 300

Corn – 2019
Carrot – 2019- 2020
P-Nut – 2020
Corn – Carrot 2021-2022
P-Nut - 2022

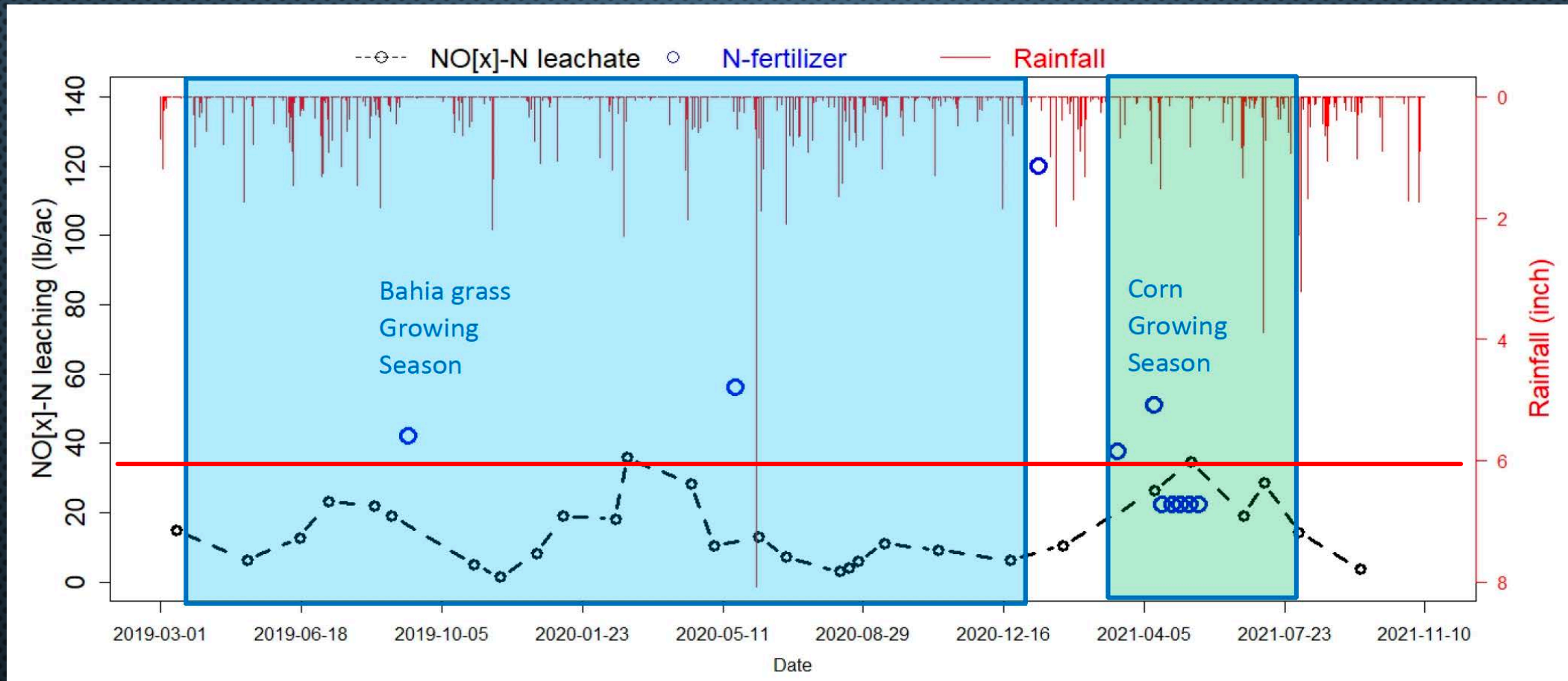




Nitrate leaching below root zone from corn-peanut rotation



Nitrate leaching below root zone from bahia-corn-peanut rotation



Future Direction

Adding layers of BMPs every 4 years

Crop-Rotation (1-4 years)

Bahia-Bahia-Corn-Peanut

Bahia-Bahia-Corn-Carrot-Peanut

Crop-Rotation (5-16 years)

Bahia-Bahia-Peanut-Corn

Bahia-Bahia-Peanut-Corn-Carrot



Other BMPs (5-8 years)

Banding N in Corn

Soil moisture probes for irrigation scheduling

Cover crop timing

Use of CRF in Carrots



Thank You