

## Appendix 1. Paired-Basin Nutrient Loads in the Control and Test Catchments During Calibration and Treatment Phases

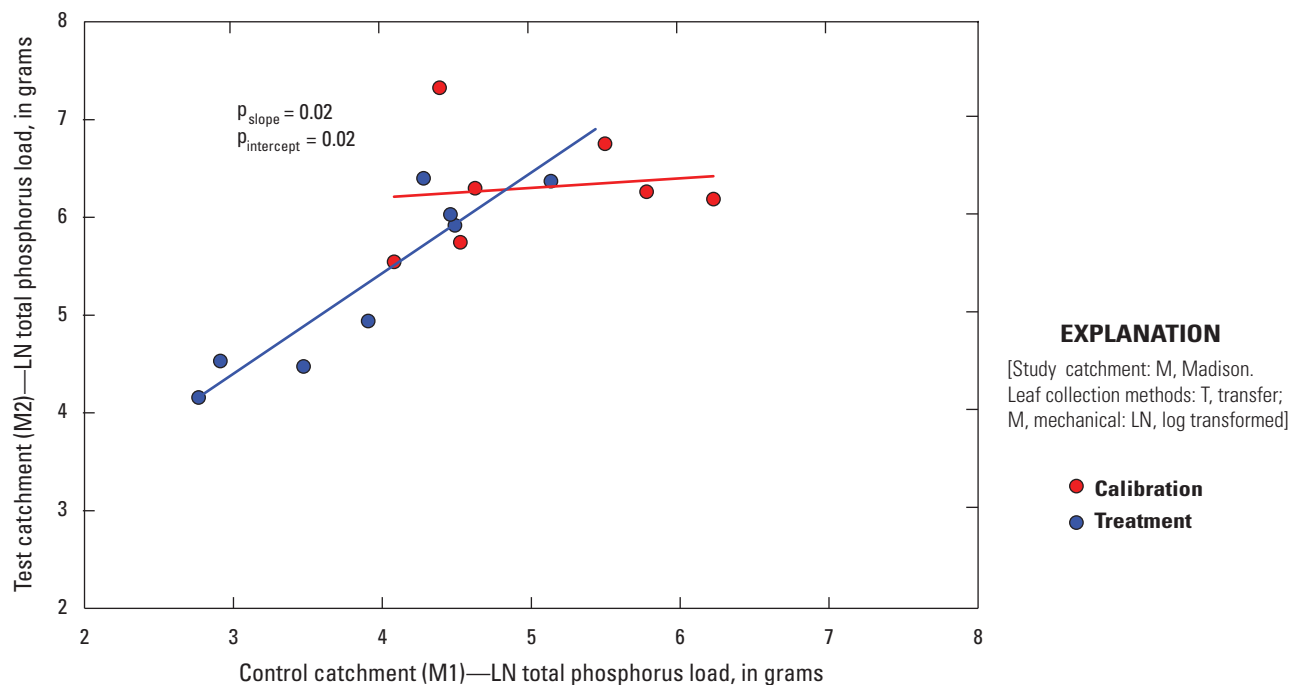
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The graphs show log-transformed loads for paired samples of total phosphorus, dissolved phosphorus, total nitrogen, and dissolved nitrogen collected in the control and test catchment during the calibration and treatment phases of the study. The graphs are ordered by year of completion. Statistical significance of slopes and intercepts are indicated by corresponding probability values (p). A description of the nomenclature used in the title of each figure can be found in table 3 of the manuscript.

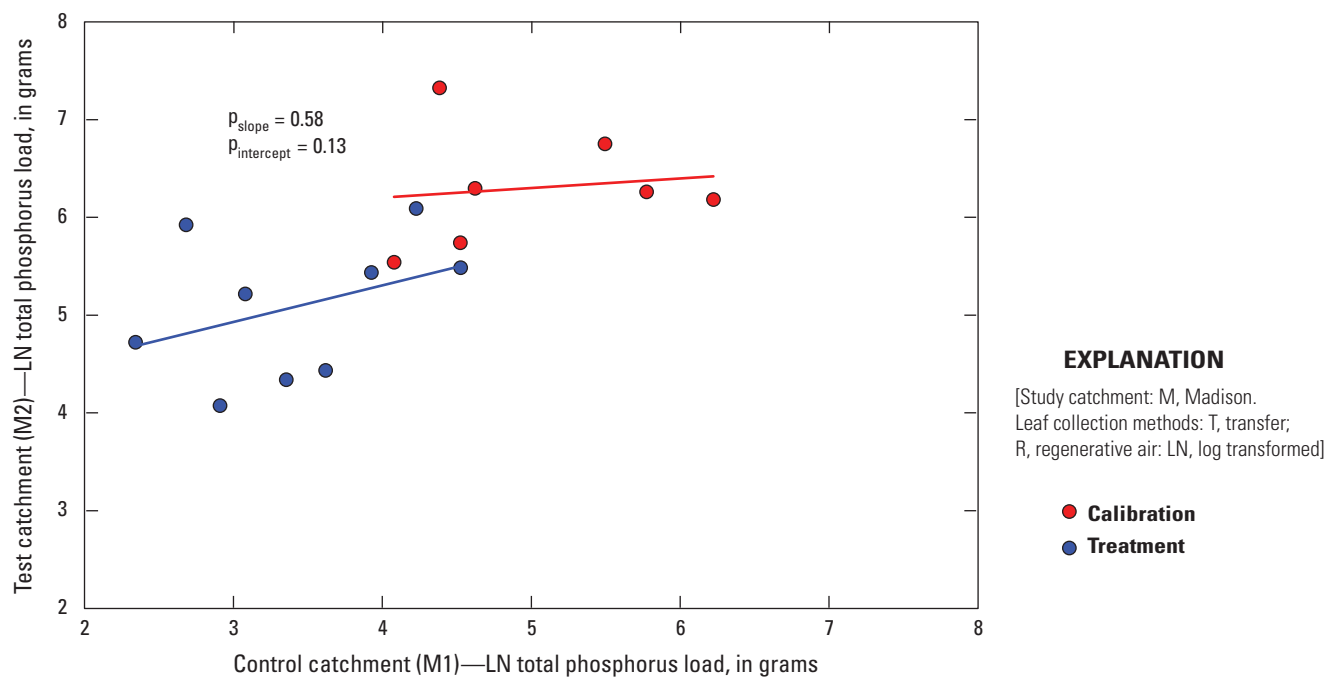
<b>1.1</b>	2016 T2–M2	<b>1.17</b>	2017 V1–R1
<b>1.2</b>	2017 T2–R1	<b>1.18</b>	2018 T2–M2
<b>1.3</b>	2017 V1–R1	<b>1.19</b>	2018 T2–R1
<b>1.4</b>	2018 T2–M2	<b>1.20</b>	2018 V2
<b>1.5</b>	2018 T2–R1	<b>1.21</b>	2019 V1–M1
<b>1.6</b>	2018 V2	<b>1.22</b>	2019 R1
<b>1.7</b>	2019 V1–M1	<b>1.23</b>	2016 T2–M2
<b>1.8</b>	2019 R1	<b>1.24</b>	2017 T2–R1
<b>1.9</b>	2016 T2–M2	<b>1.25</b>	2016 T1–M2
<b>1.10</b>	2017 T2–R1	<b>1.26</b>	2017 T2–R1
<b>1.11</b>	2017 V1–R1	<b>1.27</b>	2017 V1–R1
<b>1.12</b>	2018 T2–M2	<b>1.28</b>	2018 T2–M2
<b>1.13</b>	2018 T2–R1	<b>1.29</b>	2018 T2–R1
<b>1.14</b>	2018 V2	<b>1.30</b>	2018 V2
<b>1.15</b>	2019 V1–M1	<b>1.31</b>	V1–M1
<b>1.16</b>	2019 R1	<b>1.32</b>	2019 R1



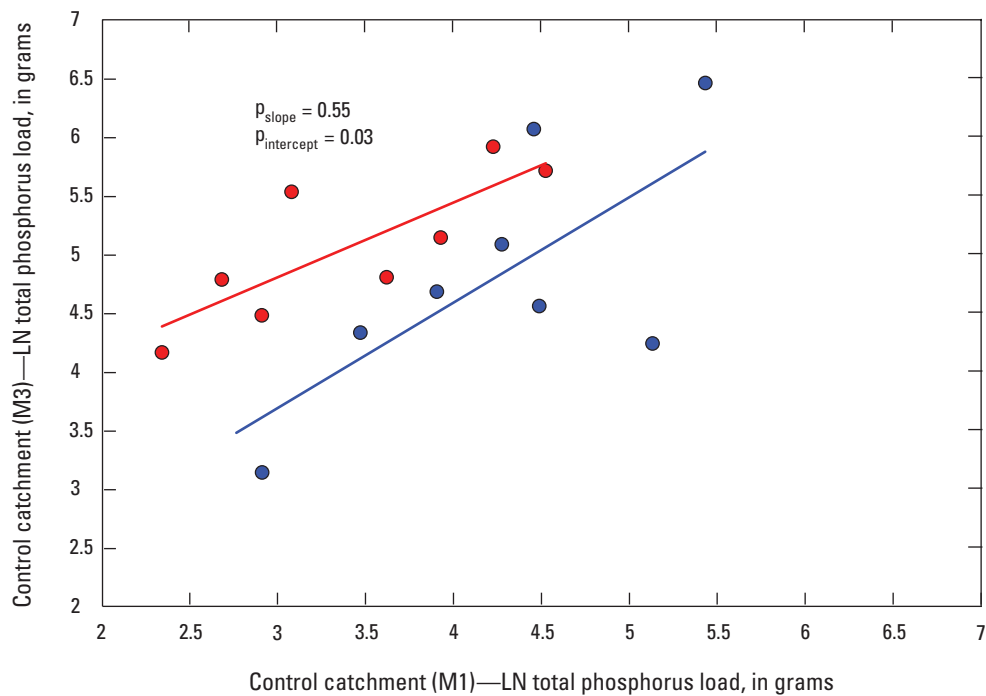
### 1.1 2016 T2-M2



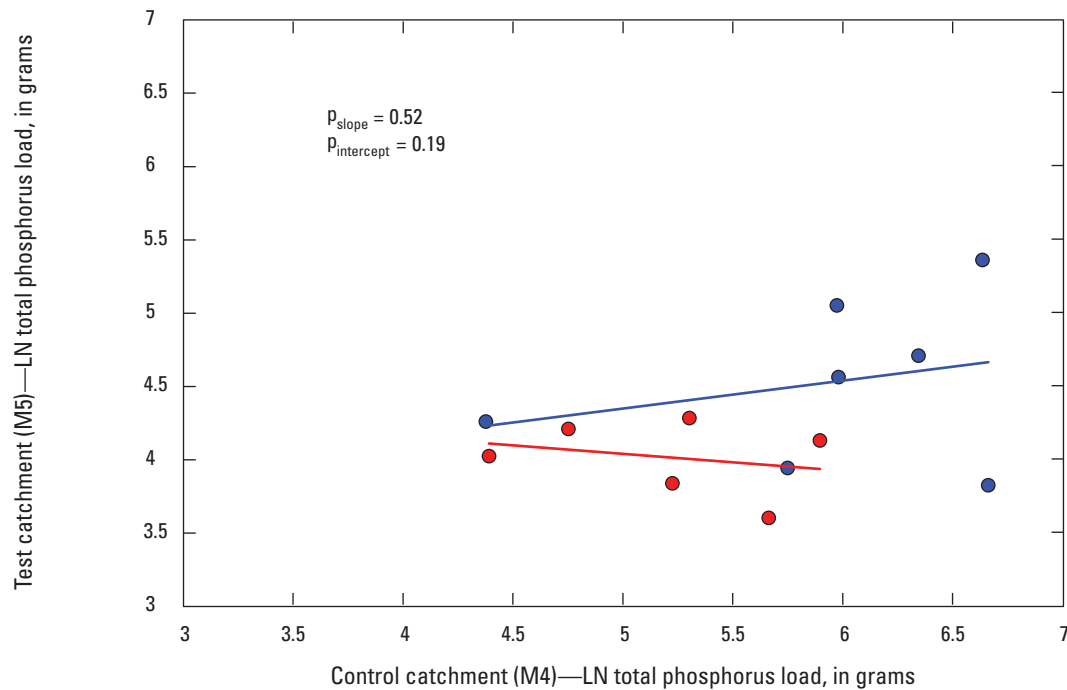
### 1.2 2017 T2-R1

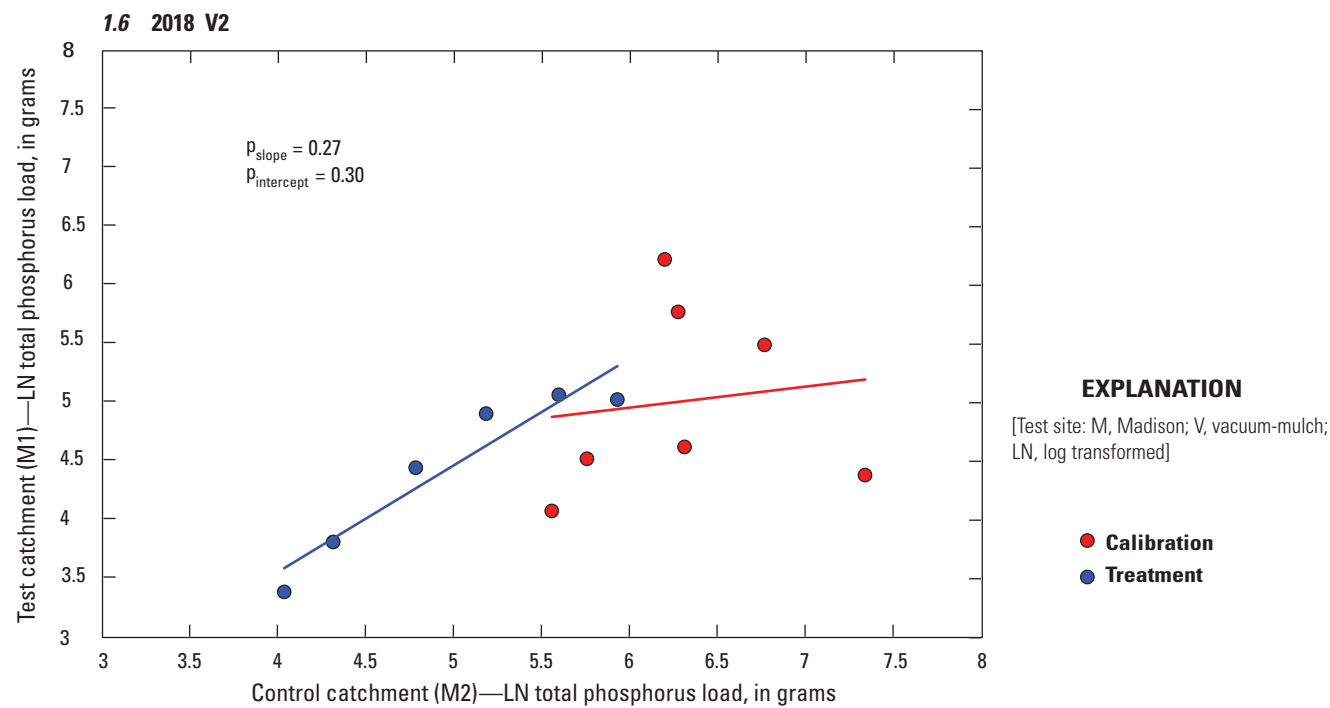
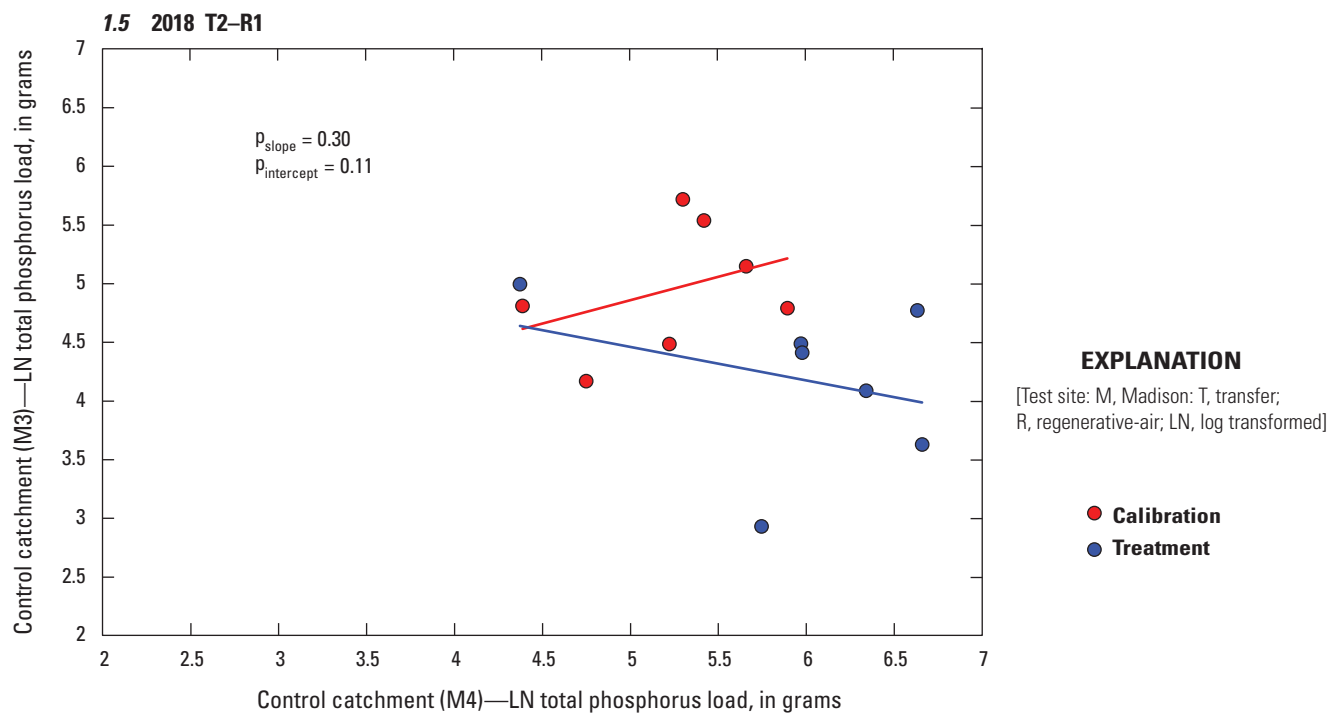


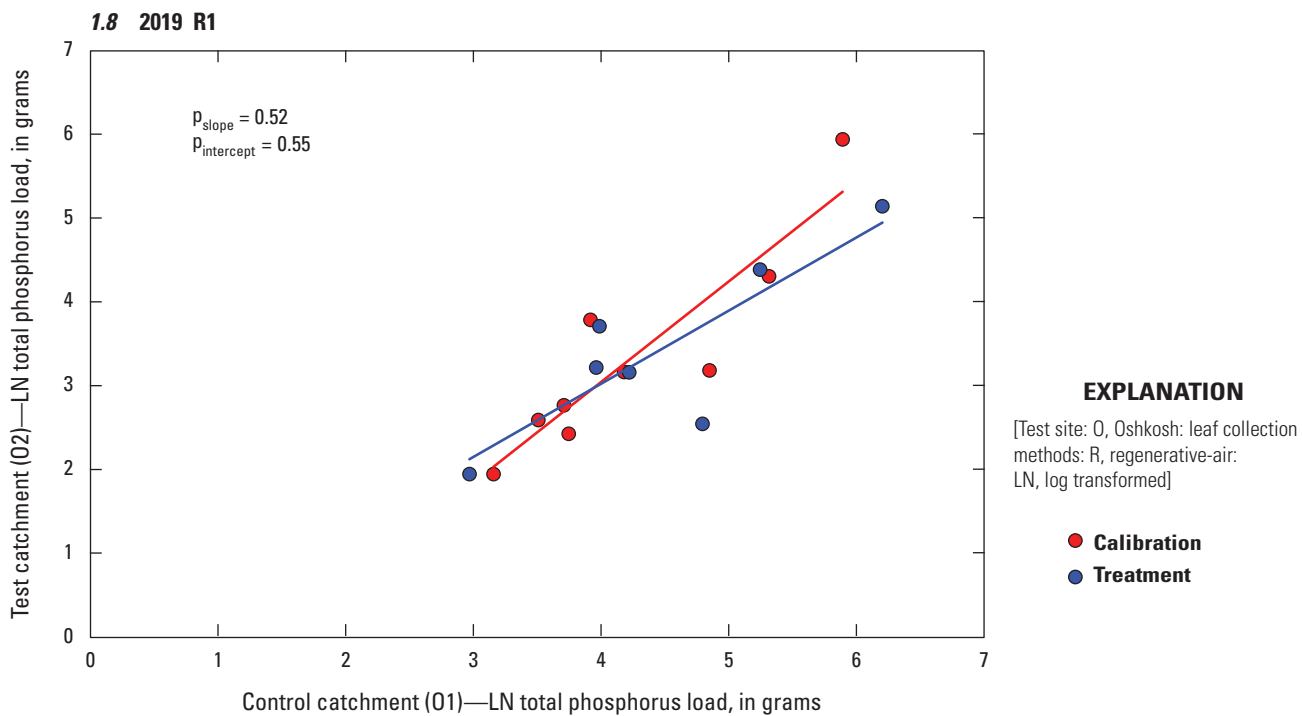
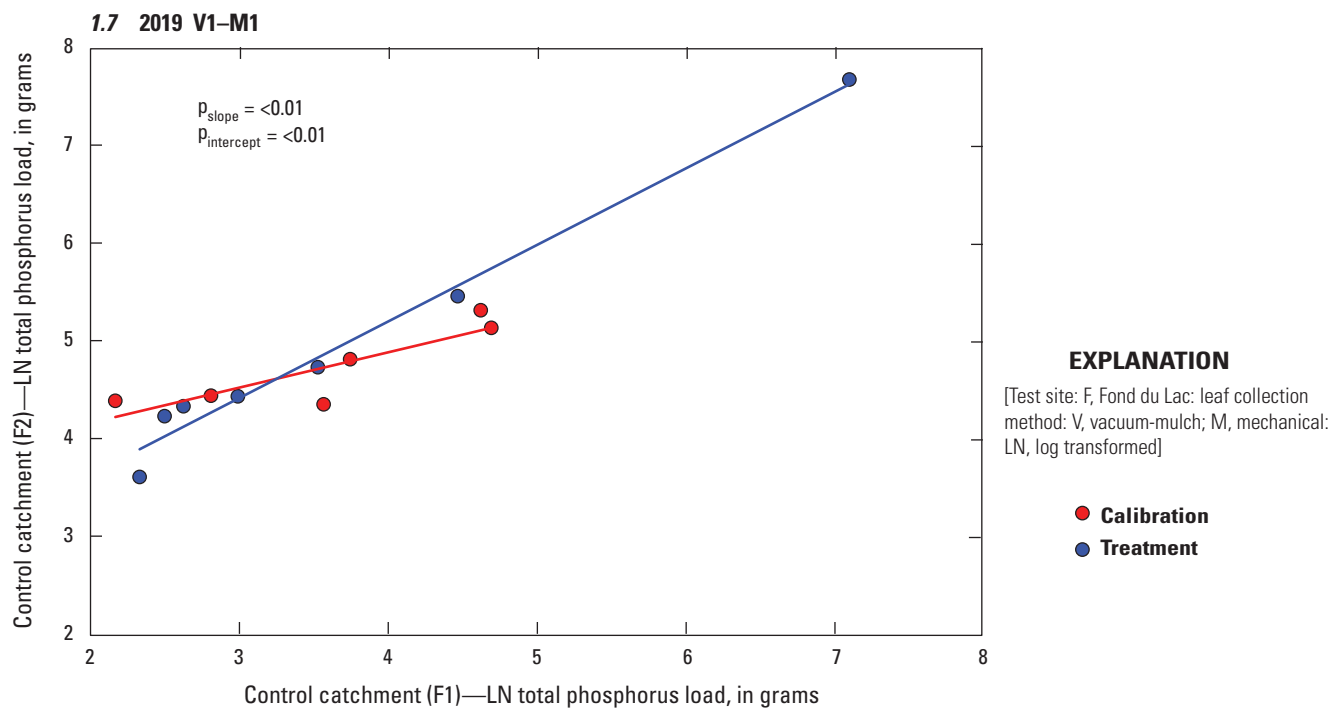
### 1.3 2017 V1-R1

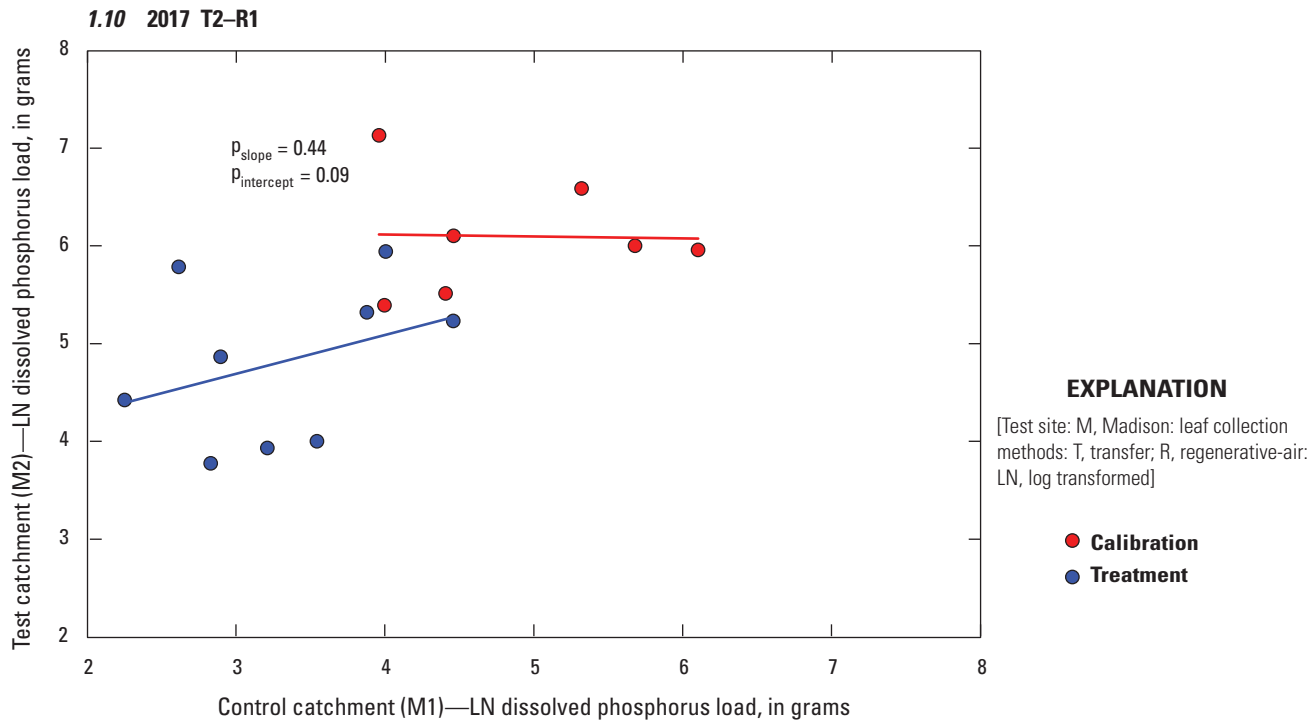
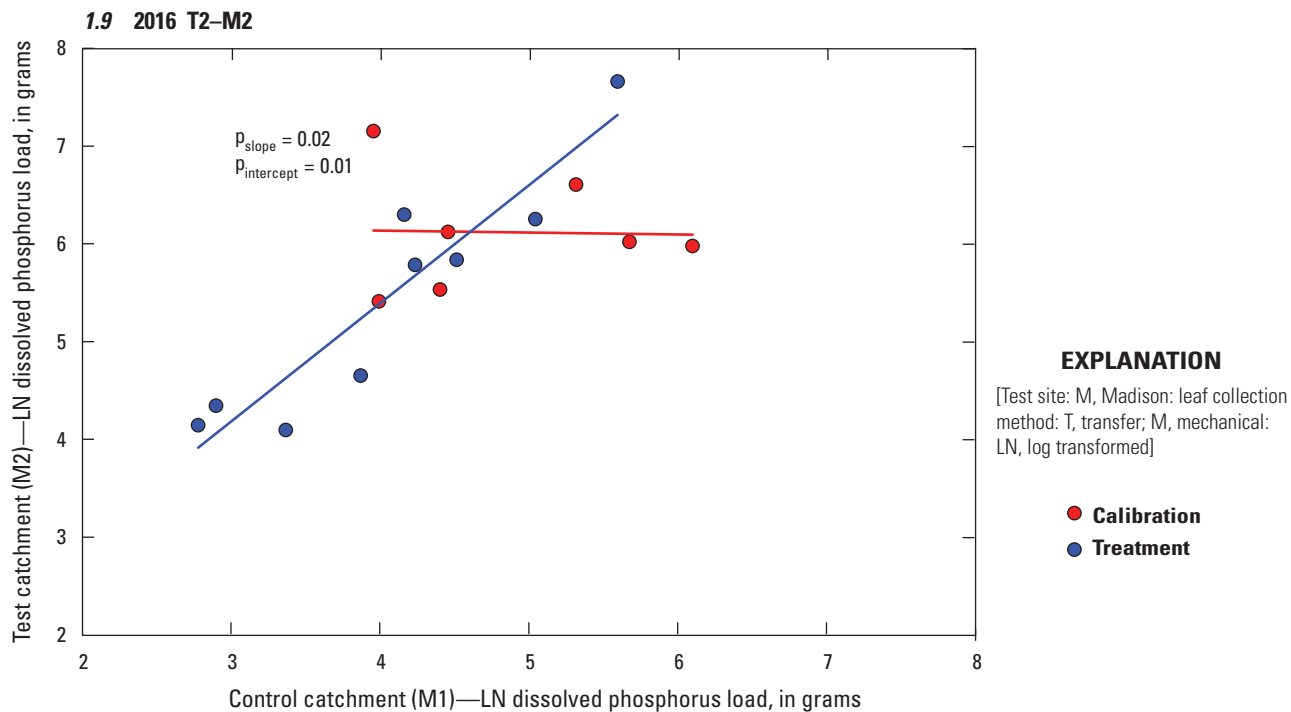


### 1.4 2018 T2-M2

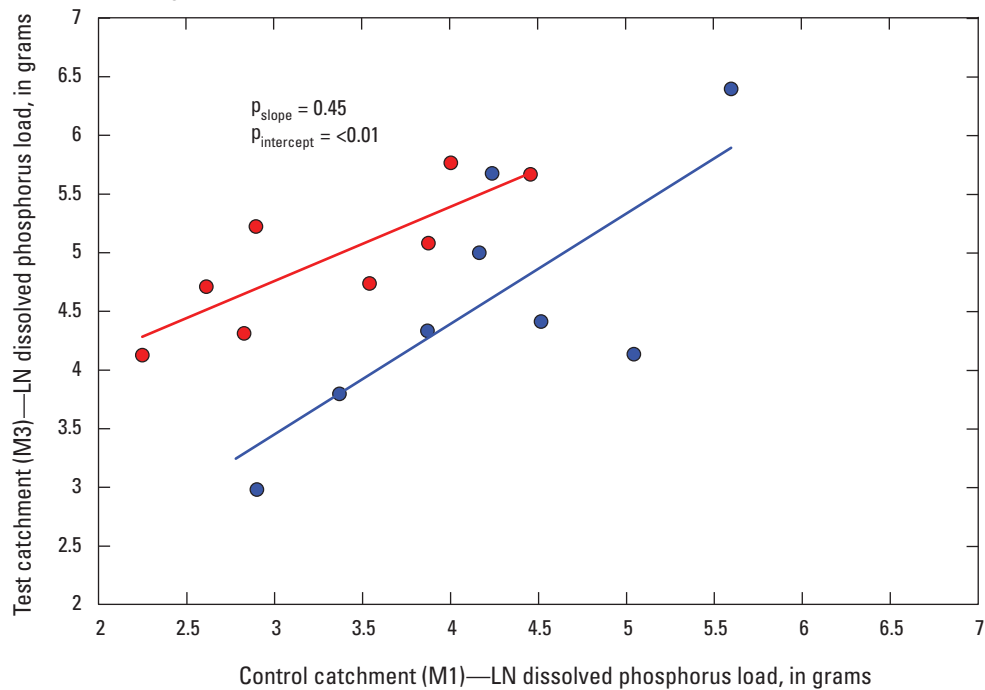




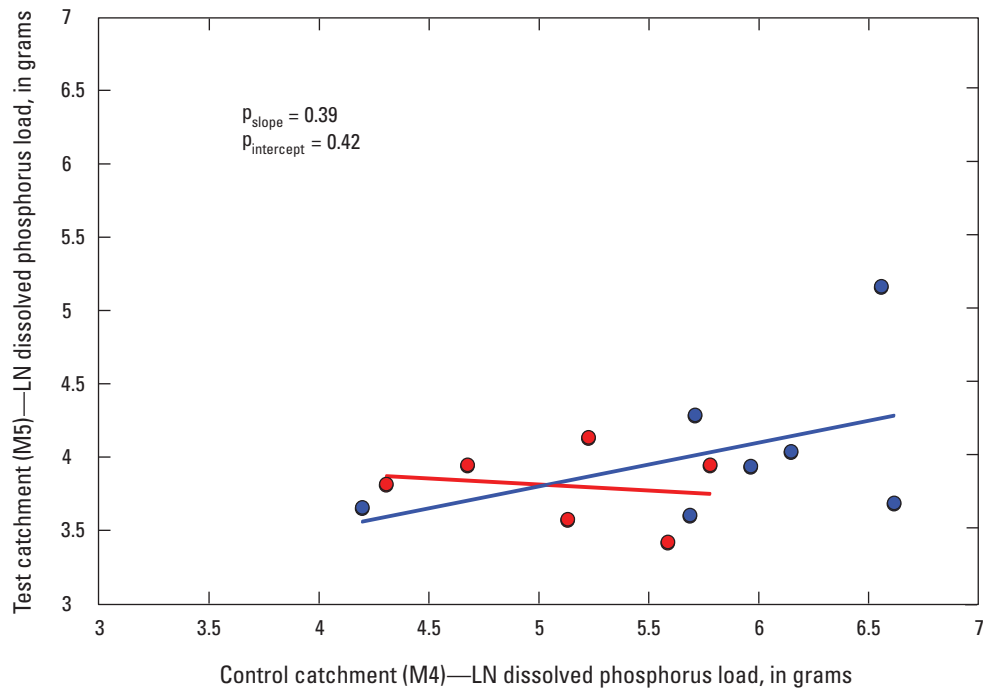




1.11 2017 V1-R1

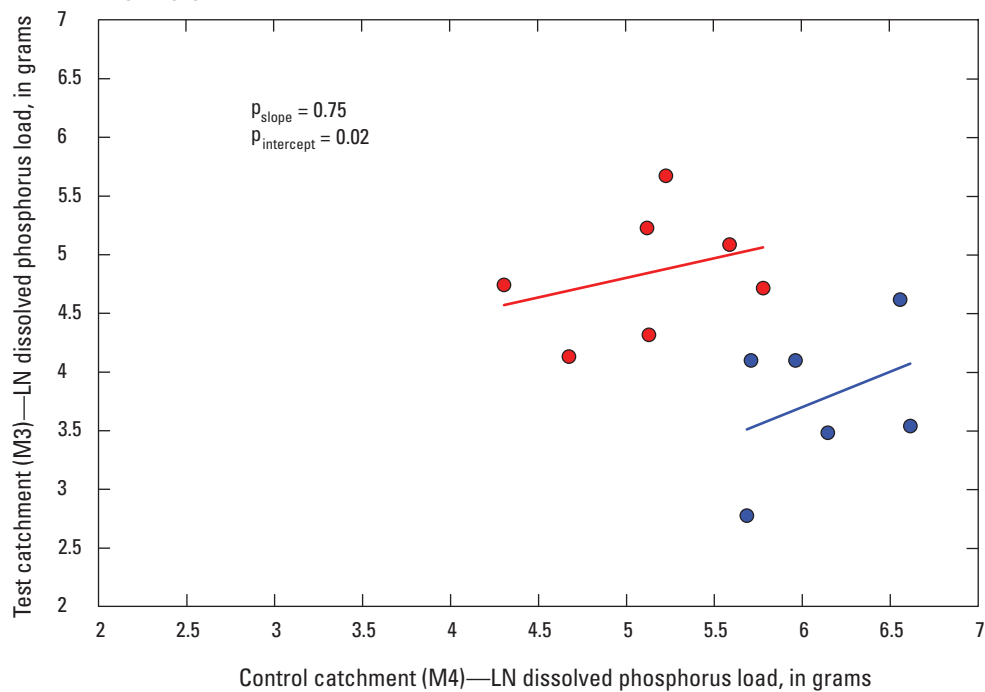


1.12 2018 T2-M2

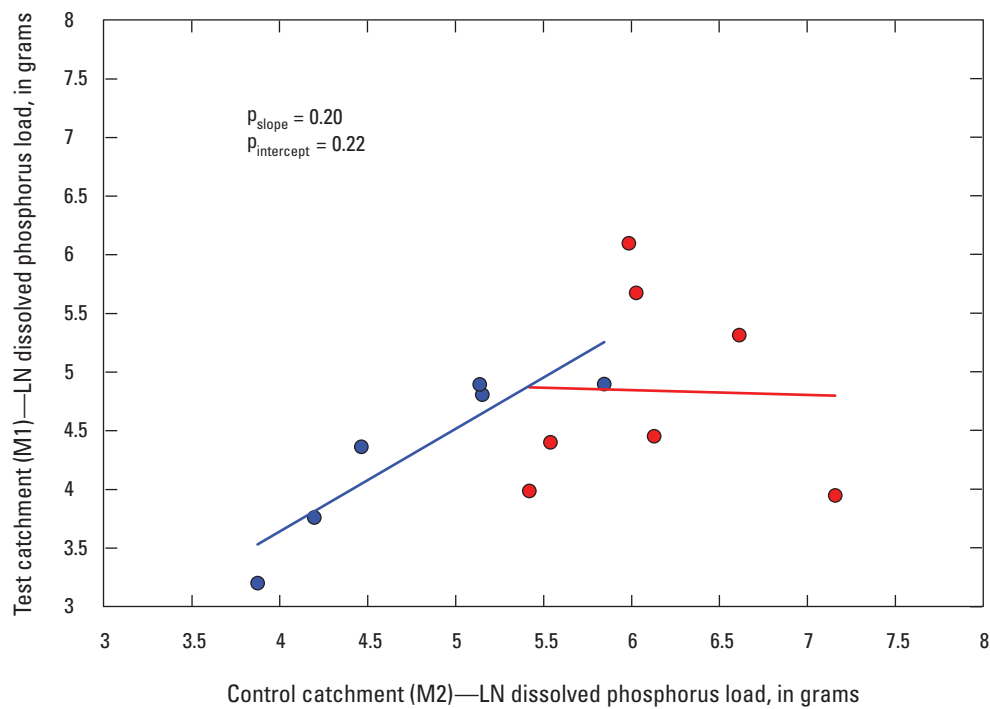




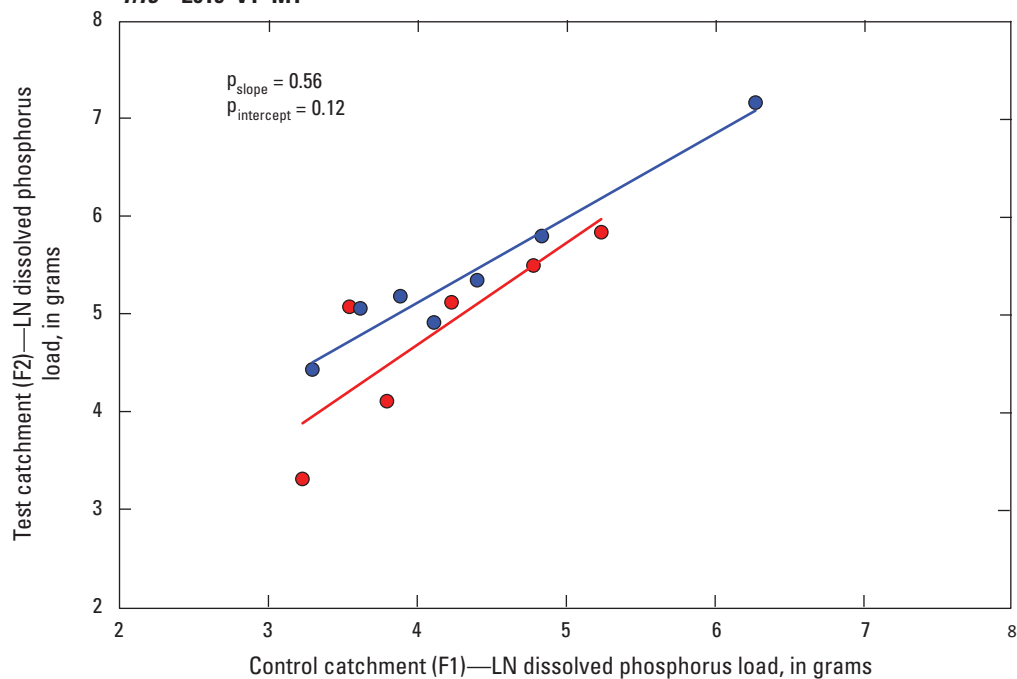
1.13 2018 T2-R1



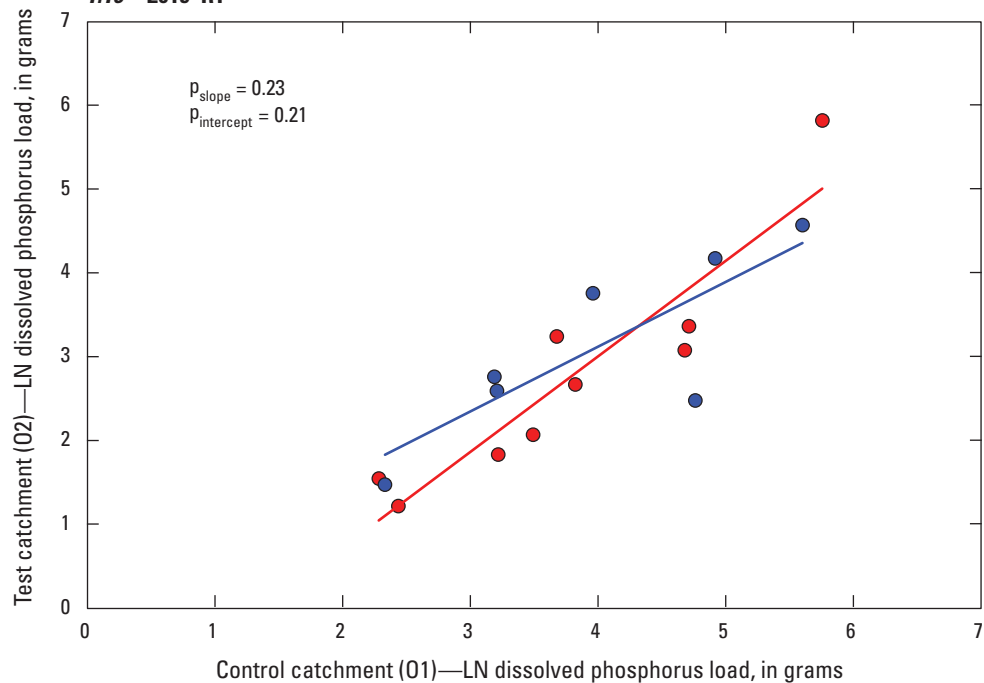
1.14 2018 V2



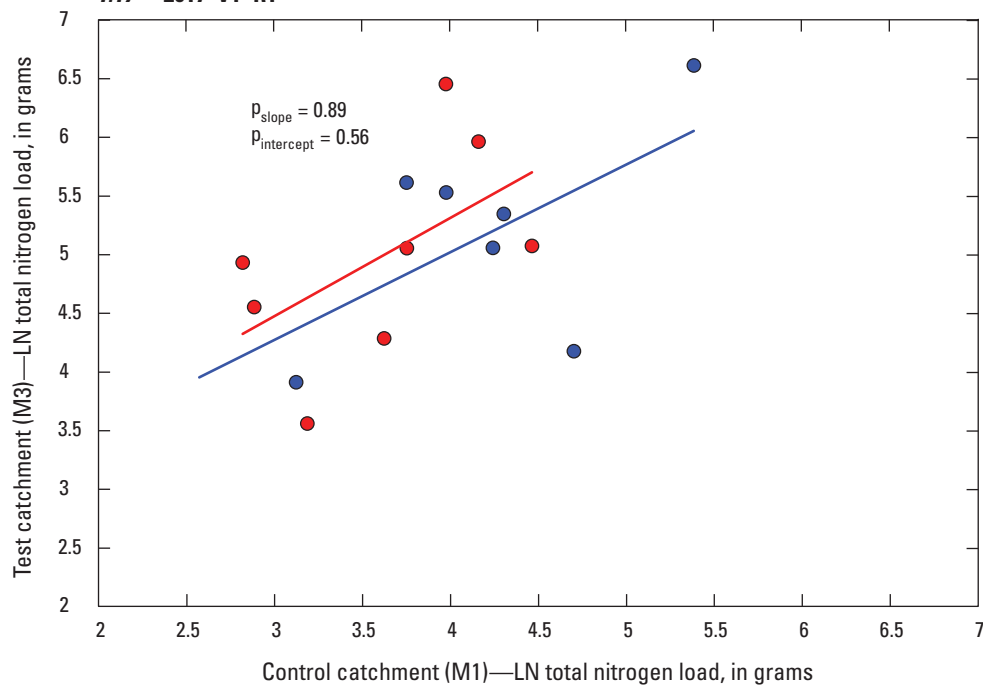
1.15 2019 V1-M1



1.16 2019 R1



1.17 2017 V1-R1

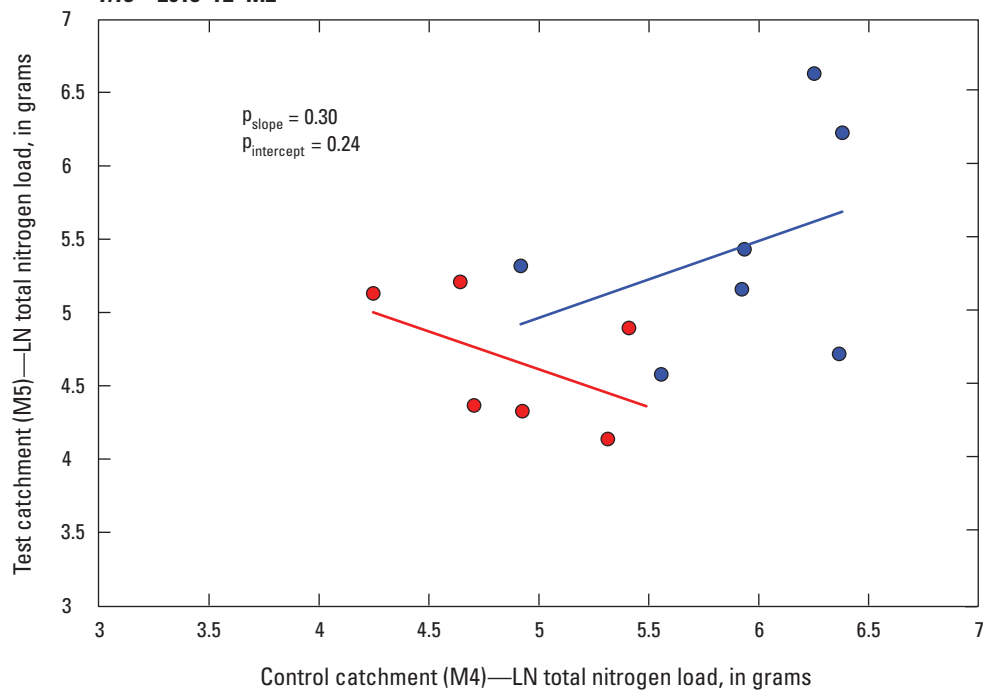


#### EXPLANATION

[Test site: M, Madison: V, vacuum-mulch;  
R, regenerative-air: LN, log transformed]

- Calibration
- Treatment

1.18 2018 T2-M2

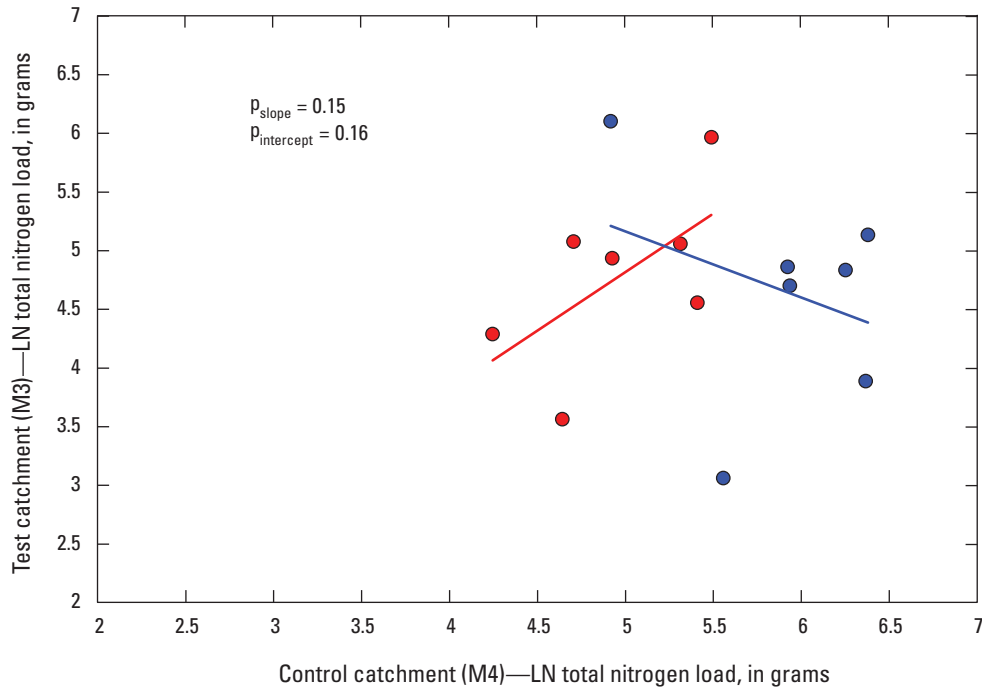


#### EXPLANATION

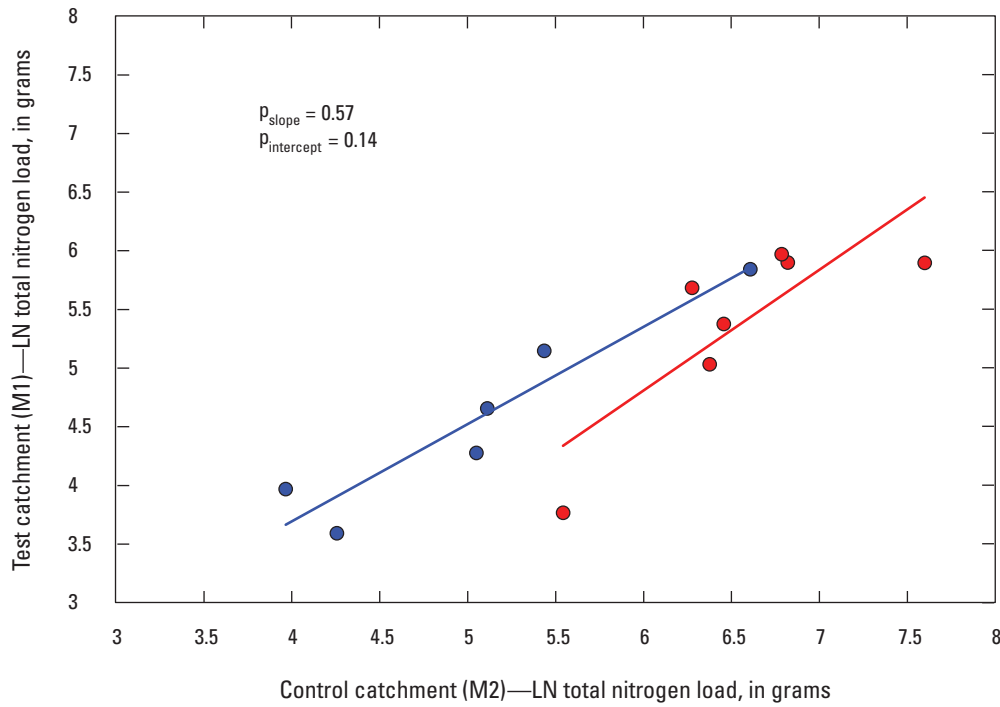
[Test site: M, Madison: T, transfer;  
M, mechanical: LN, log transformed]

- Calibration
- Treatment

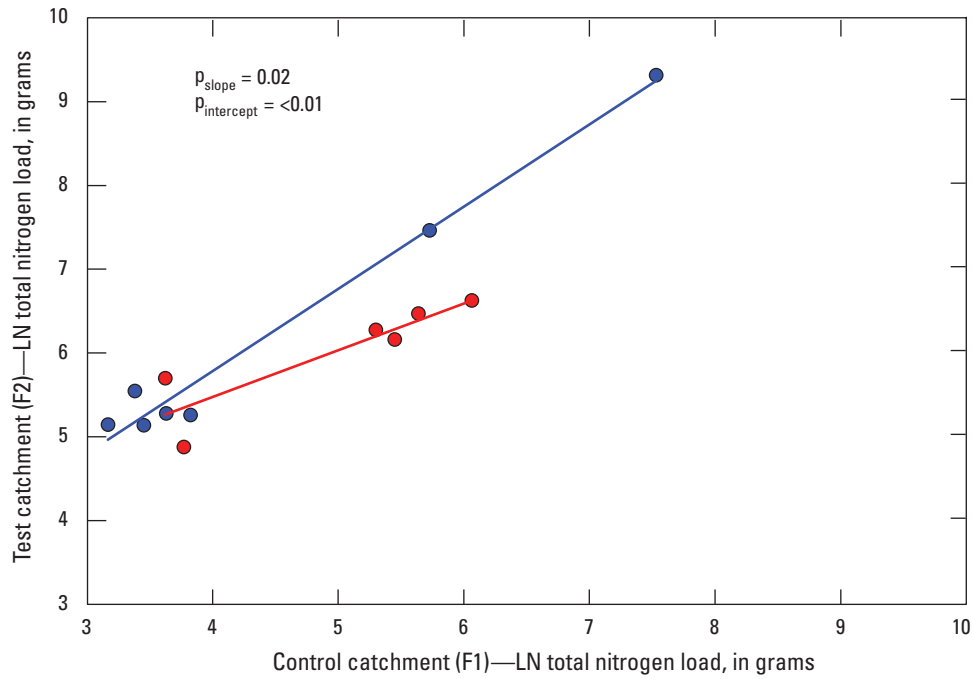
1.19 2018 T2-R1



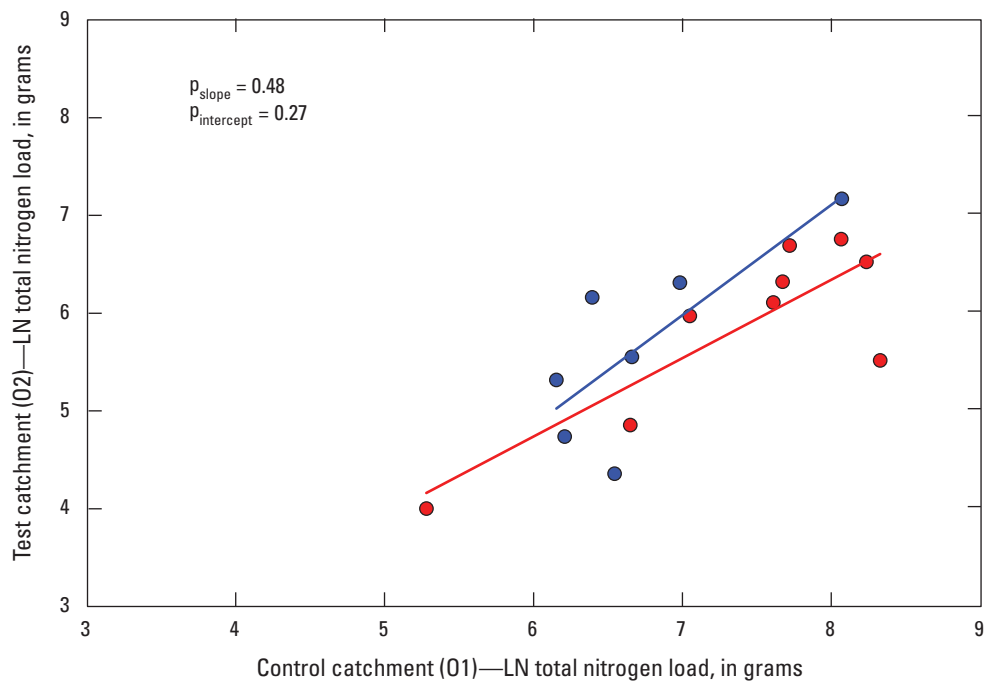
1.20 2018 V2

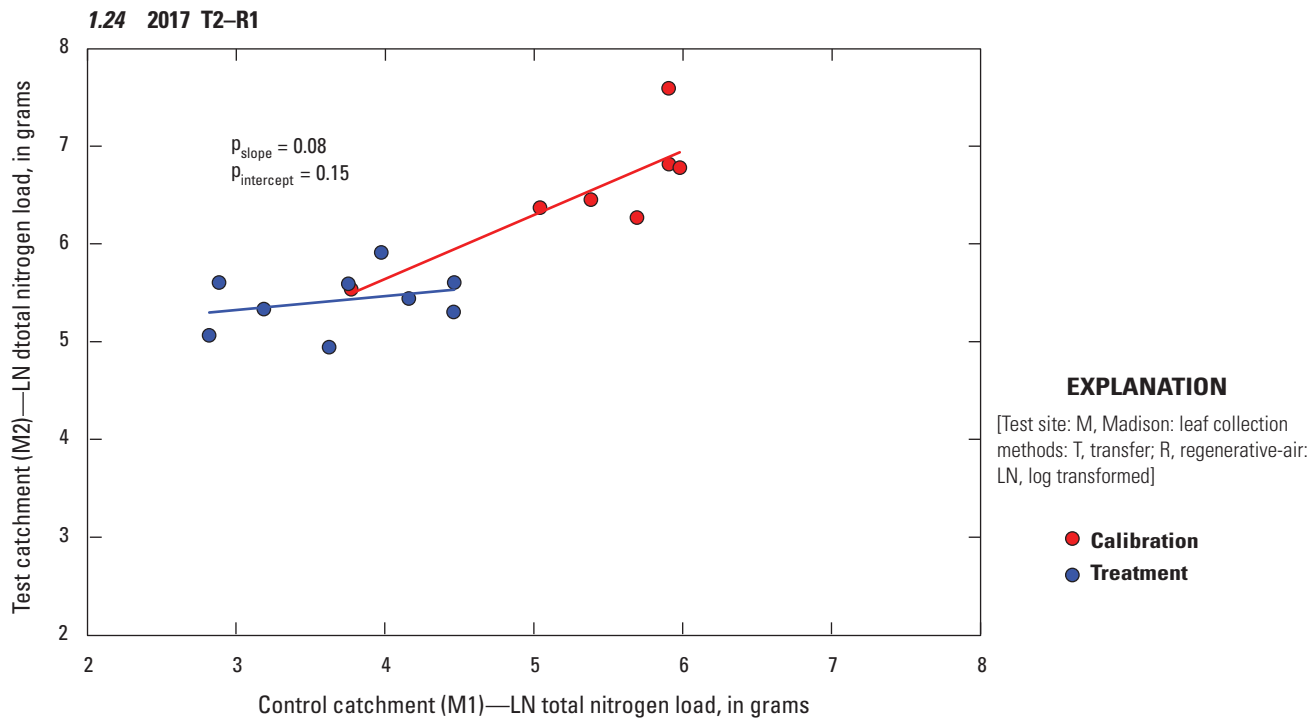
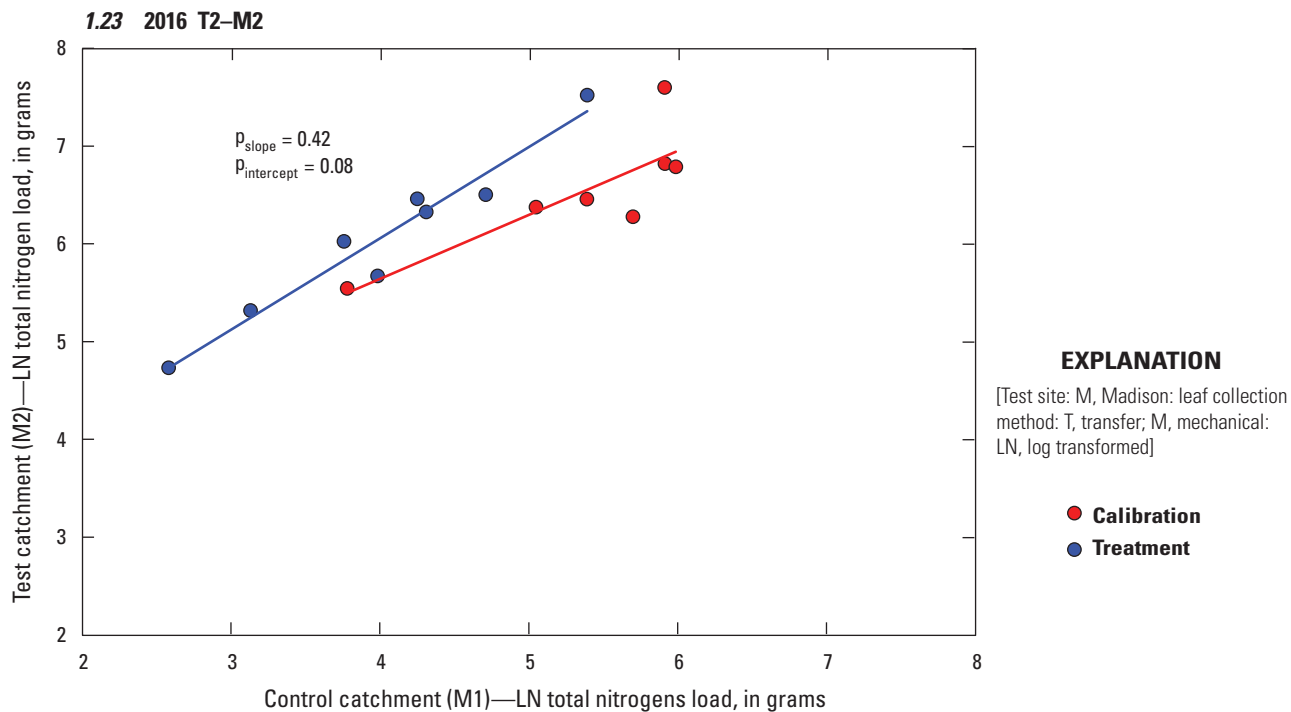


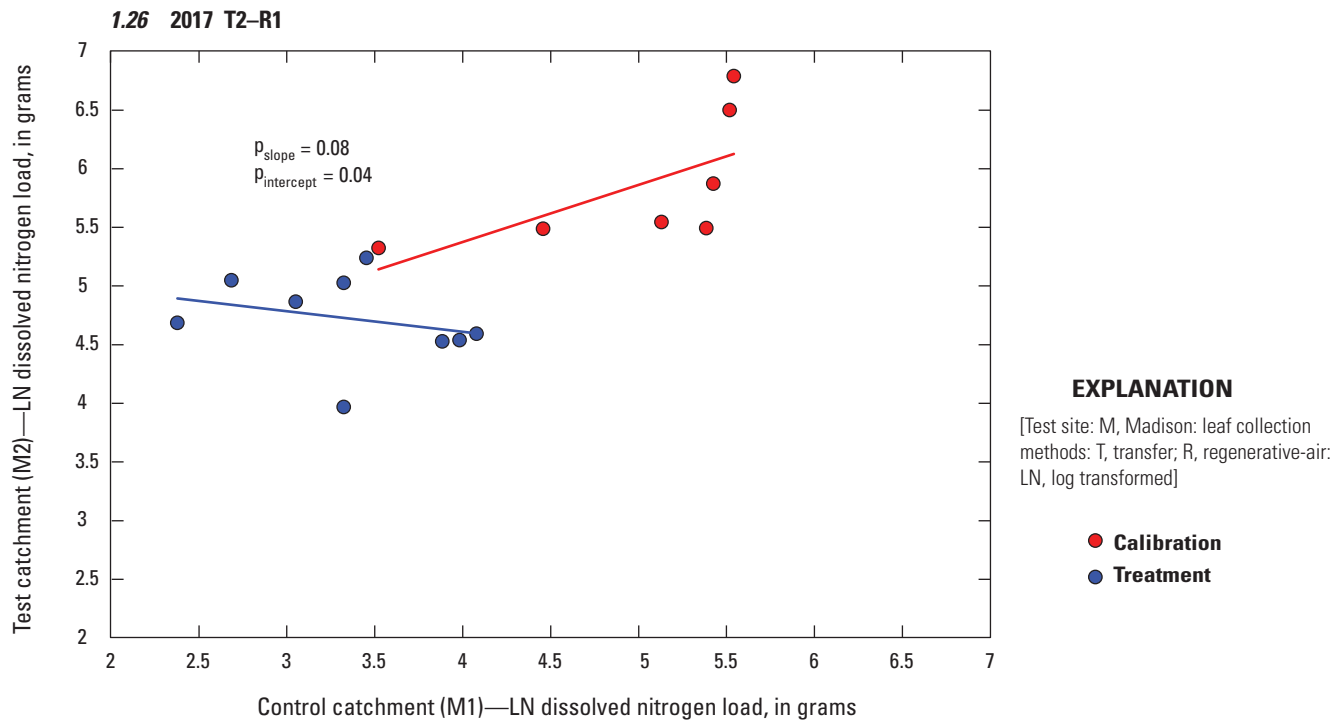
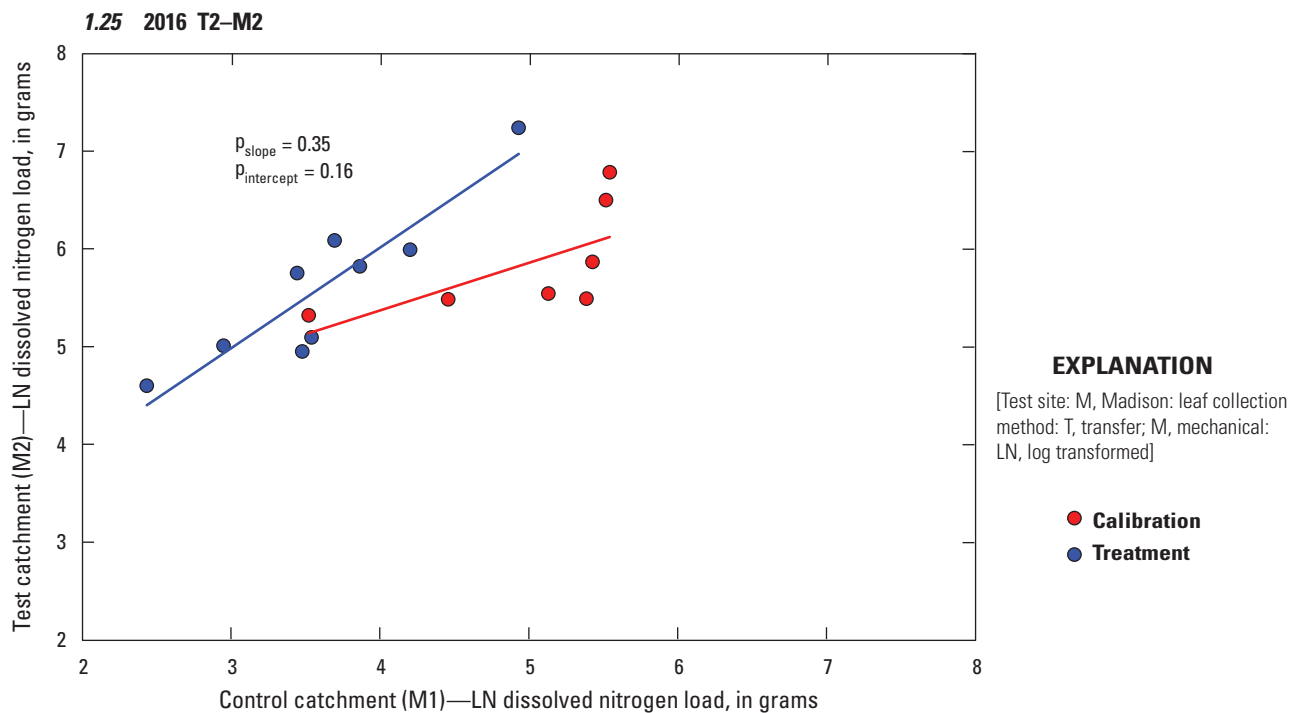
### 1.21 2019 V1-M1



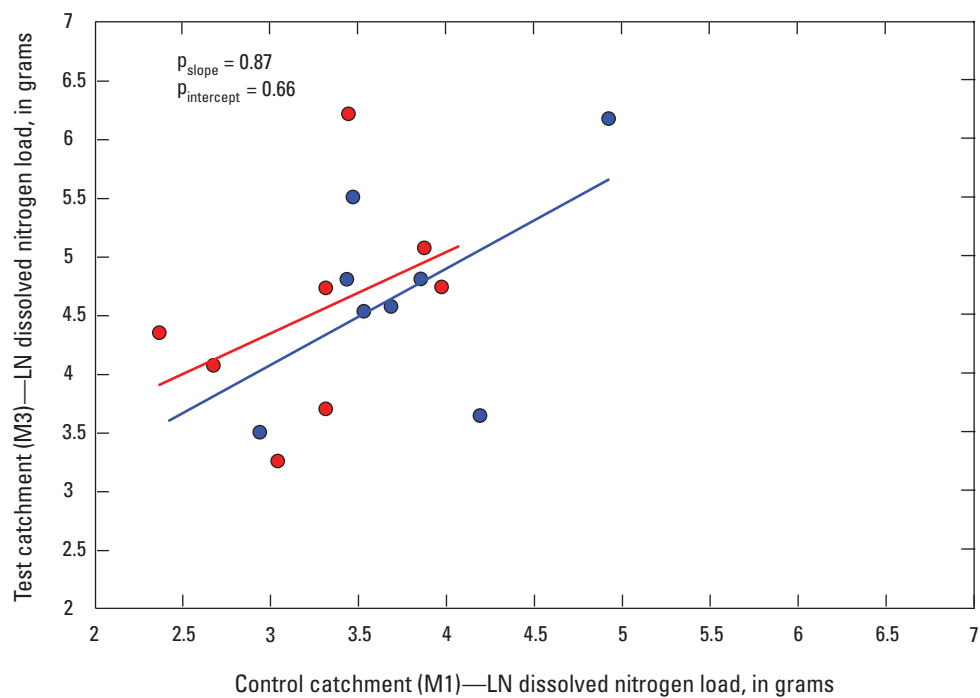
### 1.22 2019 R1







### 1.27 2017 V1-R1

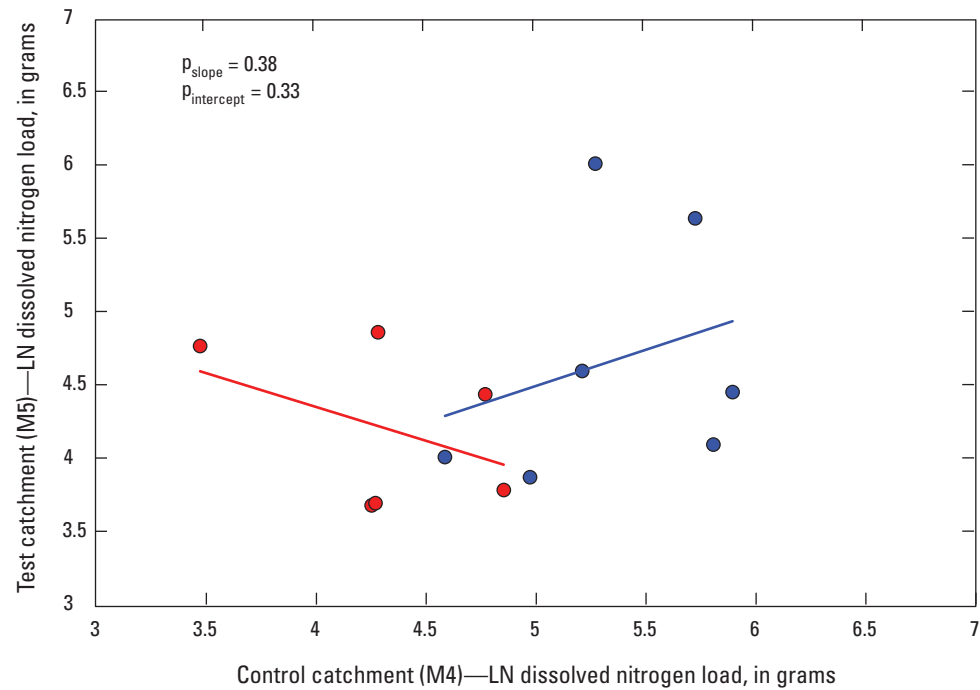


#### EXPLANATION

[Test site: M, Madison; leaf collection methods: V, vacuum-mulch; R, regenerative-air; LN, log transformed]

- Calibration
- Treatment

### 1.28 2018 T2-M2



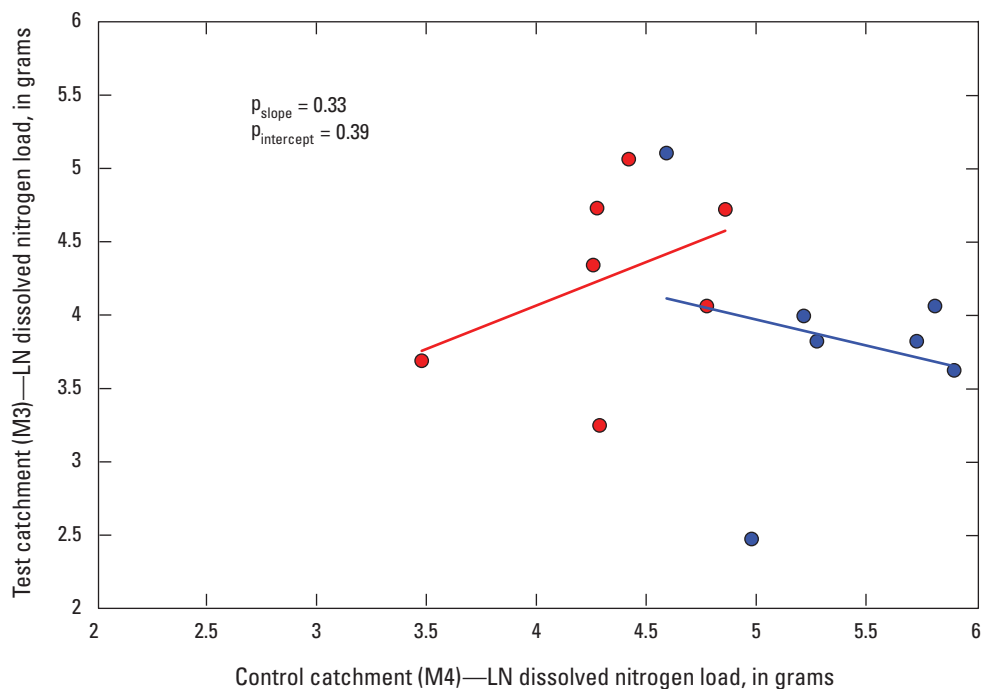
#### EXPLANATION

[Test site: M, Madison; leaf collection methods: T, transfer; M, mechanical; LN, log transformed]

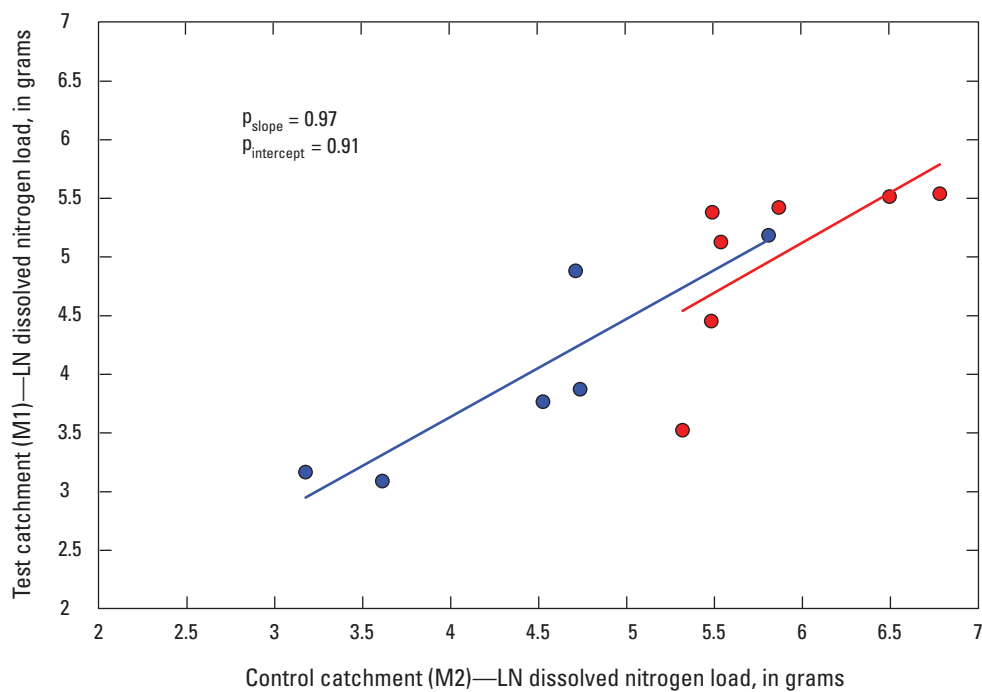
- Calibration
- Treatment



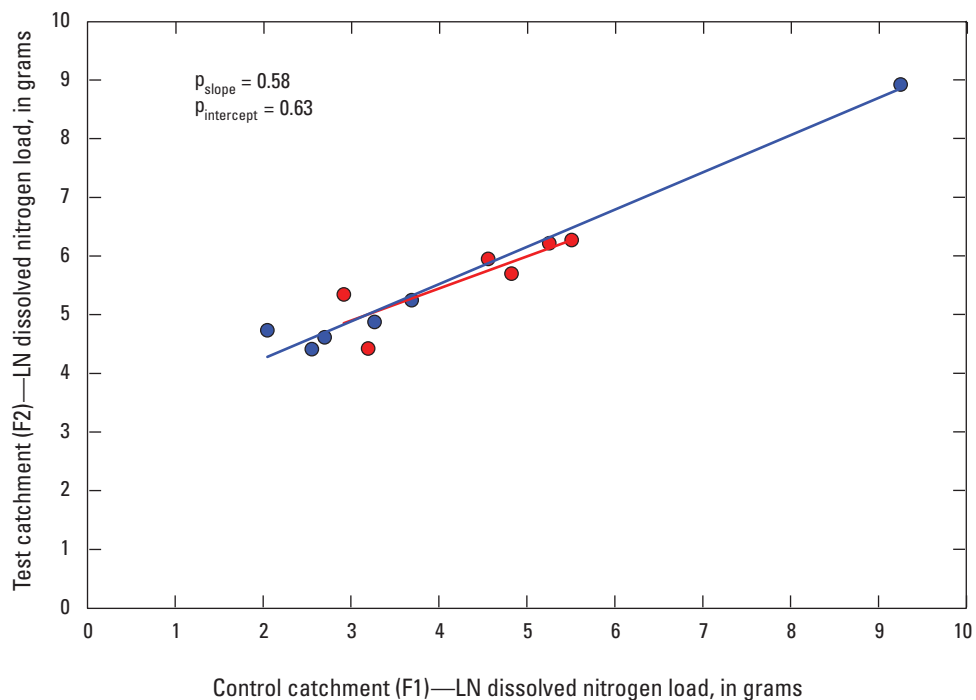
1.29 2018 T2-R1



1.30 2018 V2



1.31 2019 V1-M1



1.32 2019 R1

