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**Nebraska On-Farm Research Network**

**Two Treatments Protocol**

**Treatment Design:** The following is an example treatment design for a two population trial. A total of 5 pairs need to be harvested for this trial (7 is preferred). The same hybrid and management practices should be used across the entire study area.

**NOTE:** The following example is for a 16 row planter applying treatments and an 8 row corn head.

|  |  |  |
| --- | --- | --- |
| Replication 1 | Treatment 1 | Yield from 8 rows: |
| Treatment 2 | Yield from 8 rows: |
| Replication 2 | Treatment 2 | Yield from 8 rows: |
| Treatment 1 | Yield from 8 rows: |
| Replication 3 | Treatment 1 | Yield from 8 rows: |
| Treatment 2 | Yield from 8 rows: |
| Replication 4 | Treatment 2 | Yield from 8 rows: |
| Treatment 1 | Yield from 8 rows: |
| Replication 5 | Treatment 1 | Yield from 8 rows: |
| Treatment 2 | Yield from 8 rows: |
| Replication 6 | Treatment 2 | Yield from 8 rows: |
| Treatment 1 | Yield from 8 rows: |
| Replication 7 | Treatment 1 | Yield from 8 rows: |
| Treatment 2 | Yield from 8 rows: |

*Grower Requirements:*

1. Flag or mark GPS location of each treatment.
2. Provide all necessary inputs for crop production.
3. Complete background agronomic form about site and practices.
4. Collect yield data and grain moisture with weight wagon or yield monitor. If using yield monitor, please designate a separate “load” for each treatment and set up separate “products” names for each treatment harvested. Yield monitor must be **well calibrated**. Contact UNL Extension if assistance with this process is needed.
5. Collect stand counts at harvest.
6. Submit harvest data to UNL Extension within 30 days of harvest or by Dec. 15.
7. Allow UNL Extension to use submitted and collected data for research, educational, and informational purposes.

*Nebraska On-Farm Research Network will:*

1. Provide technical assistance in setting up replicated and randomized experimental design.
2. Provide assistance upon request with treatment implementation, flagging, stand counts, stalk rot tests, and recording yield.
3. Analyze raw data using statistical analysis and provide this information to the grower.

**Disclaimer:** The Nebraska On-Farm Research Network does not endorse the use of products tested in on-farm replicated strip trials. While treatments are replicated within trials and may be replicated across multiple sites under various conditions, your individual results may vary.

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