Experimental design of participating farms

Legend:
- **Control treatment plot (combine alone)**
- **Chaff collection or chaff plus straw treatment plot**
  - Plant of species A marked to study seed height, seed production, and seed retention
  - Plant of species B marked to study seed height, seed production, and seed retention

Areas (10 ft by half of the plot width) to evaluate weed infestation per species twice per year

Plot width will depend on width of combine header

- **Rep 1**
- **Rep 2**
- **Rep 3**

≈ 20 ft

≈ 120 ft

200 ft
Experimental design of research farms (CBARC and Hysop)

Legend:
- **Control plot (combine alone)**
- **Chaff collection plot (chaff cart)**
- **Chaff collection plus straw collection plot (direct bale system)**

Areas (10 ft by 10 ft) to evaluate weed infestation per species twice per year.

- Plant of species A (downy brome, Italian ryegrass, etc.) marked to study seed height, seed production, and seed retention.
- Plant of species B not present in the seedbank before the experiment (cereal rye, or jointed goatgrass) marked to study seed height, seed production, and seed retention. In the first year (2016), these plants will be selected from the seeded patches.