

## Core Program Action Plan

<b>Team</b>	Cropping Systems
<b>Program Title</b>	Selecting Varieties/Hybrids
<b>Program Coordinator(s)</b>	Joel Ransom
<b>Situation</b>	Variety/hybrid selection is a basic starting point of crop management. Growers want third party/non-biased information to assist their decision-making.
<b>Objectives</b>	Distribute variety trial information and teach farmers about desirable characteristics of new varieties and how to use variety trial data to select appropriate varieties for a given farm.
<b>Extension response</b> (planned activities – meetings/workshops, bulletins, field days, etc.)	<ol style="list-style-type: none"> <li>(1) Selection guides published annually</li> <li>(2) Variety trial results are posted on the web</li> <li>(3) Presentations on trial results at county and multi-county meetings</li> <li>(4) Variety demonstration plots/yield trials are established at REC and in key locations within a county</li> <li>(5) Field tours/days are held at demo plots/variety trials</li> <li>(6) PowerPoint presentations summarizing varietal/hybrid performance are developed and shared with/between area and county extension agents</li> <li>(7) A web based tool for summarizing variety performance data</li> </ol>
<b>Evaluation plan/tool</b>	<ol style="list-style-type: none"> <li>(1) NASS surveys on variety use (wheat and barley)</li> <li>(2) Post meeting surveys</li> <li>(3) Hits to web sites containing variety trial results</li> <li>(4) Data from on-farm trials coupled with variety use surveys</li> </ol>
<b>Anticipated impacts</b>	Increased use of adapted higher yielding varieties in farms in ND. Higher yields at the farm and state level Less losses due to diseases for which there is genetic resistance.