

## Manitoba Crop Variety Evaluation Trials (MCVET)

Manitoba Crop Variety Evaluation Trials (MCVET) facilitate variety evaluations of many different crop types in this province. PESAI managed three MCVET sites (Arborg, Beausejour and Stonewall) during 2016-17 season.

The purpose of the MCVET variety evaluation trials is to grow both familiar (checks or reference) and new varieties side by side in a replicated manner in order to compare and contrast various variety characteristics such as yield, maturity, protein content, disease tolerance, and many others.

During 2016-17, PESAI did variety trials in Winter Wheat, Spring Wheat, Fall Rye, Oats, Barley, and Soybean (both Roundup Ready and Conventional) at all the three sites. Grain corn and flax variety testing were done at Stonewall site, whereas Fababeans, Peas, Silage corn and Canola variety evaluation were conducted only at Arborg site (See Table 1).

From each MCVET site across the province, yearly data is created, combined, and summarized in the ‘Seed Manitoba 2017’ guide. Hard copies are available at most Manitoba Agriculture and Ag Industry Offices.

*Table 1: Brief summary of MCVET trials conducted by PESAI at different sites during 2016-17.*

<i>Crop type</i>	<i>No of plots</i>	<i>Sites</i>
<i>Winter wheat</i>	63	<i>Arborg, Beausejour, Stonewall</i>
<i>Fall Rye</i>	45	<i>Arborg, Beausejour, Stonewall</i>
<i>Spring Wheat</i>	264	<i>Arborg, Beausejour, Stonewall</i>
<i>Barley</i>	78	<i>Arborg, Beausejour, Stonewall</i>
<i>Oats</i>	66	<i>Arborg, Beausejour, Stonewall</i>
<i>Peas</i>	48	<i>Arborg</i>
<i>Faba beans</i>	126	<i>Arborg</i>
<i>Conventional Soybeans</i>	126	<i>Arborg, Beausejour, Stonewall</i>
<i>Roundup Ready Soybeans</i>	423	<i>Arborg, Beausejour, Stonewall</i>
<i>Dry bean</i>	72	<i>Stonewall</i>
<i>Canola</i>	276	<i>Arborg, Beausejour</i>
<i>Silage Corn</i>	48	<i>Arborg</i>
<i>Grain Corn</i>	180	<i>Beausejour, Stonewall</i>
<i>Flax</i>	78	<i>Arborg, Stonewall</i>
<i>Total plots</i>	1893	

Seed Manitoba guide and the websites [www.seedinteractive.ca](http://www.seedinteractive.ca) and [www.seedmb.ca](http://www.seedmb.ca), provides valuable variety performance information for Manitoba farmers.