

# Technical Bulletin

Genes that fit *your* farm.

**SeCan**

Canada's Seed Partner

## AC<sup>®</sup> Synergy Synthetic Hybrid Polish Canola

### Description:

AC<sup>®</sup> Synergy (ACS-C12) is a two-parent population-synthetic Polish canola cultivar with an average of 17% higher yield potential than the check varieties over 3 years in the Western Canada Canola/Rapeseed Recommending Committee trials. AC<sup>®</sup> Synergy is adapted to the short-season growing areas of western Canada.

### Strengths:

- Grain yield 117% of the check varieties AC Parkland and AC Sunbeam in 3 years of WCC/RRC trials
- Average of 1.75% higher oil content
- Very good resistance to white rust
- Height of 91 cm, slightly shorter than AC Parkland

### Neutral Traits:

- Similar protein content as compared to the checks
- Intermediate maturity (87 days), 1 day earlier than AC Parkland and 1 day later than AC Sunbeam

### Weakness:

- Fair lodging resistance, similar to checks

### Breeder:

Dr. Kevin Falk  
Agriculture and Agri-Food Canada  
Saskatoon, SK

### 2006-2008 Western Canada Canola/Rapeseed Recommending Committee trials

Cultivar	Yield (kg ha <sup>-1</sup> ) by year				Seed Oil (% whole seed)	Protein (% whole seed)
	2006	2007	2008	Mean		
AC Parkland	1558	1461	1921	1680	47.8	23.6
AC Sunbeam	1603	1806	2123	1908	47.5	23.8
Check Average	1581	1634	2022	1794		
AC <sup>®</sup> Synergy	1852	1973	2322	2103	49.4	23.2
% of Checks	117%	121%	115%	117%		

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For more information, call 1-800-665-7333 or visit [www.secan.com](http://www.secan.com)

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