

# Technical Bulletin

Genes that fit *your* farm.

**SeCan**

Canada's Seed Partner

## **NEW** Mahony R2 Genuity® Roundup Ready 2 Yield® Soybean

Mahony R2 is a 2350 HU Genuity® Roundup Ready 2 Yield® variety that is well-adapted to the Manitoba environment. Mahony R2 is an offensive type soybean that really capitalizes on yield when conditions are right.

### Strengths:

- Delivers high yields in fewer days
- Matures similar to McLeod R2
- Stands well with medium-tall height  
Phytophthora root rot race 25 field tolerance = 3.00  
Check of means was 6.08 (scale of 1-9, where 1 is best)

### Neutral Traits:

- Bushy canopy type

### Weakness:

- Susceptible to iron chlorosis

### 2015 Seed Manitoba – Roundup Ready® Soybean Comparison (2014 Data)

Variety	Type	HU Rating	Long Term Average Yield (% of Portage)	Relative Maturity (Days)	Hylum Colour	Relative Seeds/lb	Lodging (1-5)	IDC Rating (1-5)	IDC Grouping
004R21	RR2	2425	100	117	BL	2938	1.0	1.5	Tolerant
McLeod R2	RR2	2375	102	116	BL	2268	1.0	1.6	Tolerant
Hero R2	RR2	2375	100	119	BL	2075	1.0	2.2	Semi Tolerant
Bishop R2	RR2	2350	93	113	IY	2614	1.0	2.4	Susceptible
Currie R2	RR2	2500	109	121	BL	2594	1.0	1.8	Semi-Tolerant
Gray R2	RR2	2450	100	118	BL	2662	1.0	1.9	Semi-Tolerant
Chadburn R2	RR2	2475	100	117	BL	2612	1.0	1.5	Tolerant
<b>Mahony R2</b>	<b>RR2</b>	<b>2350</b>	<b>109</b>	<b>114</b>	<b>BL</b>	<b>2110</b>	<b>1.0</b>	<b>2.6</b>	<b>Susceptible</b>



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## 2014 Private Data from Five Manitoba locations

Variety	Stonewall % of 004R21	Fort Whyte % of 004R21	Kelburn % of 004R21	Carman % of 004R21	Reinland % of 004R21	Average % of 004R21	Variety
004R21	100%	100%	100%	100%	100%	100%	004R21
23-10RY	88%	98%	91%	97%	99%	94%	23-10RY
Hero R2	100%	104%	104%	107%	107%	105%	Hero R2
McLeod R2	104%	101%	108%	95%	111%	104%	McLeod R2
Chadburn R2	97%	107%	108%	102%	109%	105%	Chadburn R2
Bishop R2	101%	102%	99%	84%	105%	98%	Bishop R2
Currie R2	109%	106%	103%	107%	103%	106%	Currie R2
Gray R2	95%	108%	106%	99%	111%	104%	Gray R2
Mahony R2	113%	114%	108%	113%	122%	114%	Mahony R2

Data generated by Keith Murphy, a private independent agriculture researcher operating from Fort Whyte, Manitoba.  
Each research location noted above is made up of 3 replicated and randomized plots per variety.