



Spring beans cultivars analysis

Prospective varieties for planting spring 2021

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Spring bean varieties database



HARVEST YEARS
2008, 2012 – 2020



NUMBER OF TRIALS
78



NUMBER OF VARIETIES
39

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Spring bean varieties database

2020 mean yield

- 3.78 t ha⁻¹

Lowest yield

- 1.61 t ha⁻¹ Yukon, 2020 PGRO 20-LS-429, trial yield = 2.29 t ha⁻¹

Highest yield

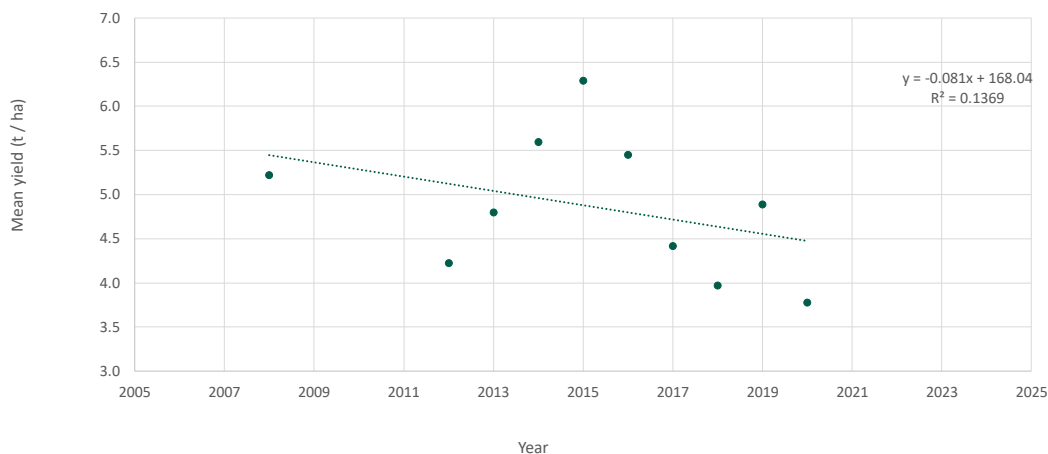
- 9.63 t ha⁻¹ Fanfare, 2015 FA Yorks, trial yield = 9.03 t ha⁻¹

Most frequent cultivar

- Fuego, 78 trials

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Mean yield in spring beans cultivars trials 2008 - 2020



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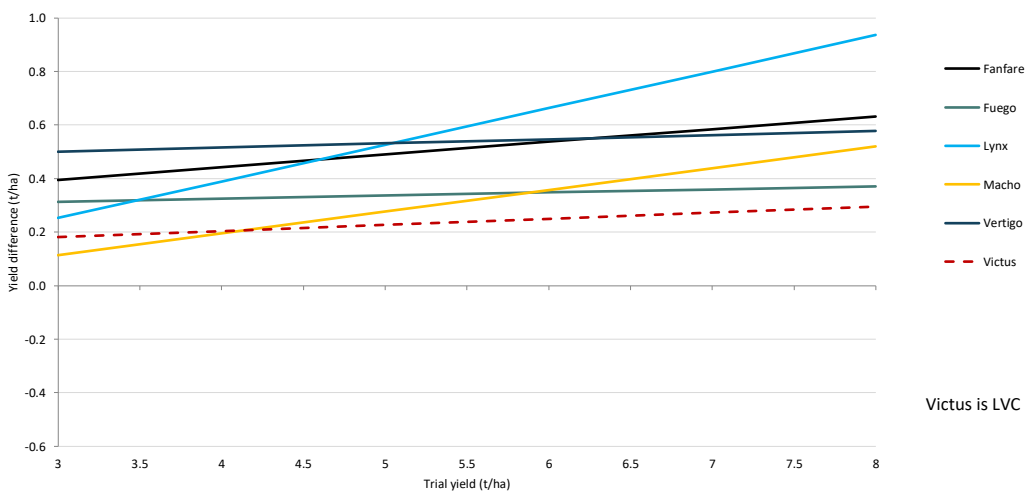
Current DL Varieties

Use pesticides safely, always read and adhere to label instructions

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Yield difference highest yielding at trial yield = 4 t/ha

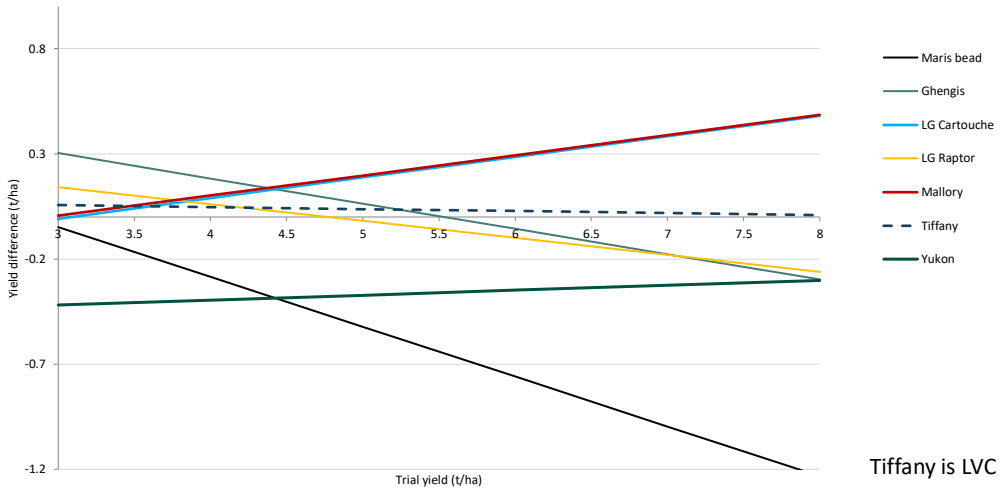


Victus is LVC

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Yield difference lowest yielding at trial yield = 4 t/ha



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New this year

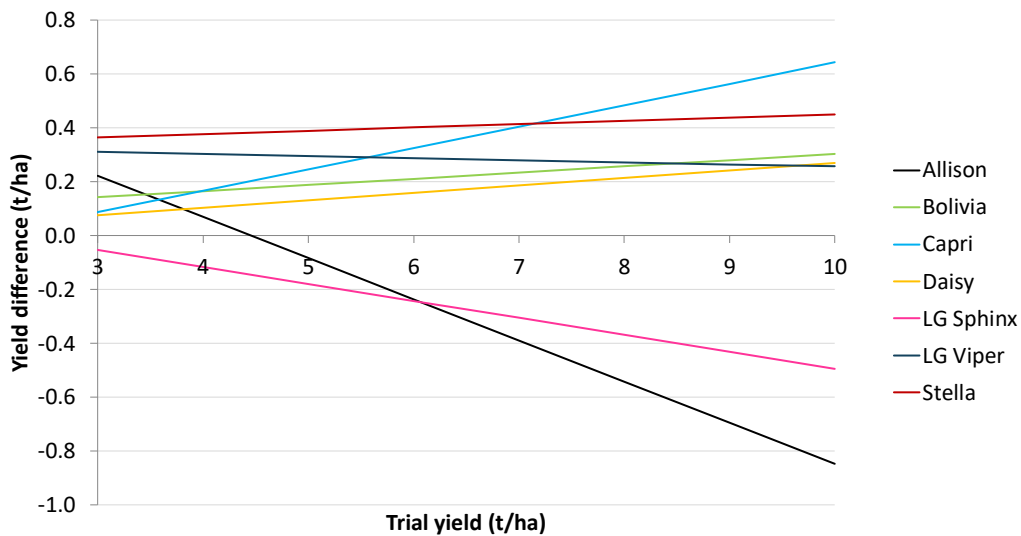
All pale hilum

Use pesticides safely, always read and adhere to label instructions

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Yield difference –new this year



Use pesticides safely, always read and adhere to label instructions



All cultivars

On Descriptive List

Use pesticides safely, always read and adhere to label instructions

Characteristics – Current DL Varieties

	Lynx	Macho	Ghengis	LG Raptor	Vertigo	Fanfare	LG Cartouche	Fuego	Yukon	Victus	Tiffany	Maris Bead	Mallory
Hilum colour (P = pale; B = black)	P	P	P	P	P	P	P	P	P	P	P	B	C
Earliness of ripening	5	5	7	7	6	6	6	7	9	7	6	5	listed
Straw length (cm)	121	121	125	122	122	121	114	116	115	116	121	126	listed
Standing ability at harvest	7	6	6	7	6	6	8	7	6	6	7	5	listed
Resistance to downy mildew	8	4	3	4	5	5	4	5	8	6	4	7	listed
Resistance to rust *	4	6	5	5	4	4	6	4	5	4	4	-	listed
TSW (g)	535	679	573	550	583	556	546	580	636	556	527	408	576
Protein (%dm)	27.3	26.9	27.4	27.5	27.1	27.4	29.2	27.6	26.9	27.1	28.0	28.7	26.6
UK Agent	LSPB	LSPB	LSPB	LUK	LSPB	LSPB	LUK	LUK	LSPB	LSPB	LSPB	WAC	
Year first listed	16	20	20	20	13	13	17	05	20	19	19	64	18

* Rust ratings based on 4 trials 2020, lsd=1 point

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Characteristics – NEW DL Varieties

	Stella	Capri	Daisy	Bolivia
Hilum colour (P = pale; B = black)	P	P	P	P (LVCV)
Earliness of ripening	6	6	6	5
Straw length (cm)	123	122	122	116
Standing ability at harvest	6	6	6	7
Resistance to downy mildew	3	3	3	5
Resistance to rust *	5	4	5	6
TSW (g)	561	522	528	519
Protein (%dm)	27.0	27.8	27.2	26.5
UK Agent	SU	SU	SU	LSPB
Year first listed	21	21	21	21

* Rust ratings based on 4 trials 2020, lsd=1 point

Bolivia is low vicine/co-vicine

LG Viper
 LG Sphinx
 Allison

will be added
 when they
 attain NL status

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Spring bean plan

General

- Vertigo – better resistance to downy mildew
- Fanfare
- Lynx at higher yield potential with good resistance to downy mildew
- Yukon – very early maturing for late sites and excellent resistance to downy mildew

LVC – contract for pig feed

- Victus – best combination of yield and downy mildew resistance

New to watch this year

- Stella
- LG Viper
- Capri