

penergetic 

THE FUTURE OF AGRICULTURE

Solutions Penergetic Inc
Eric Schaffner
2014

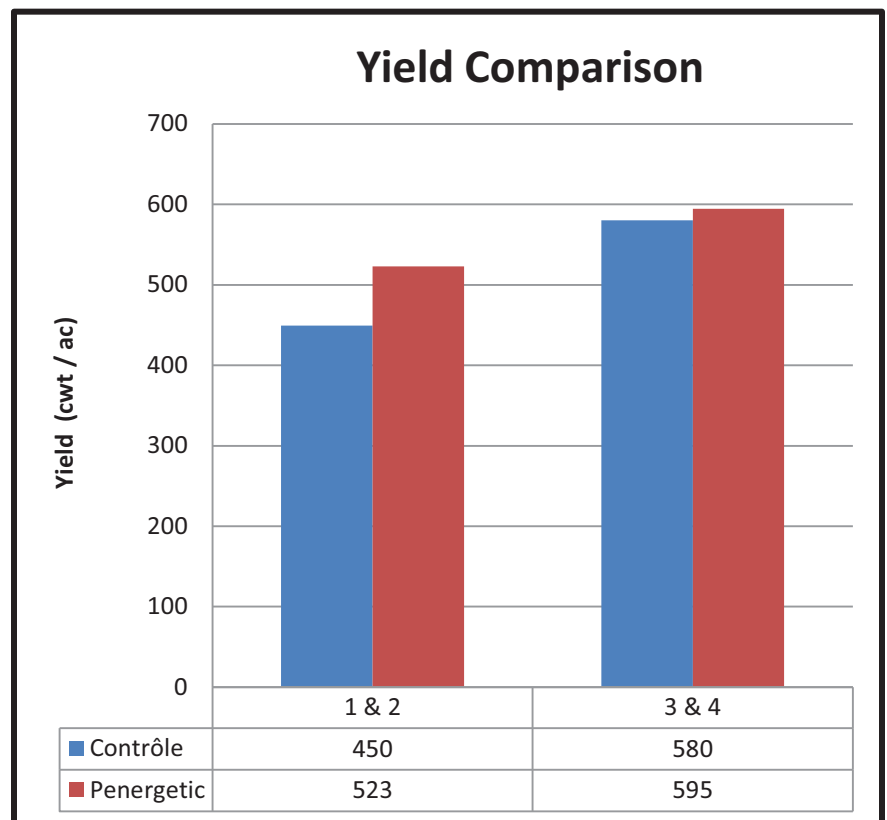
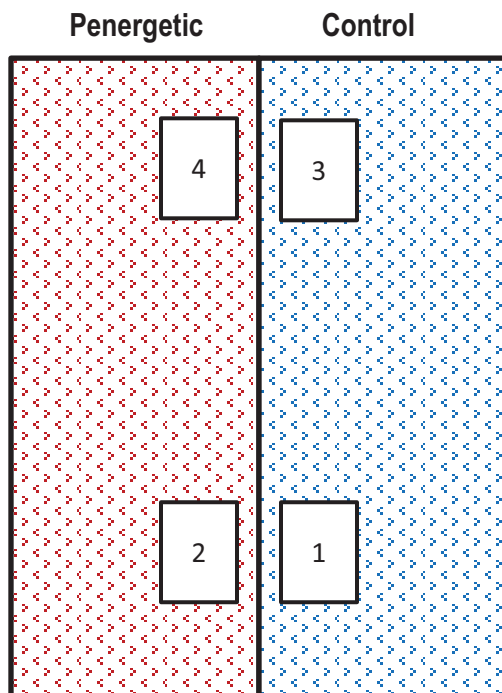
Ferme Rondeau, Lanoraie, QC (1)



Ferme Rondeau, Lanoraie, QC (1)

Variety: AC Chaleur

Date of Harvest: September 11th, 2014



Control (10 feet)

#	Control	# of Plants	Weight (lbs.)	Yield (cwt / ac)
1	NT	10	31	450
3	NT	10	40	580

Penegetic (10 feet)

#	Control	# of Plants	Weight (lbs.)	Yield (cwt / ac)	cwt / ac Difference	% Difference
2	Treated	10	36	523	+74	+16%
4	Treated	10	41	595	+15	+3%
Average					+44	+9%

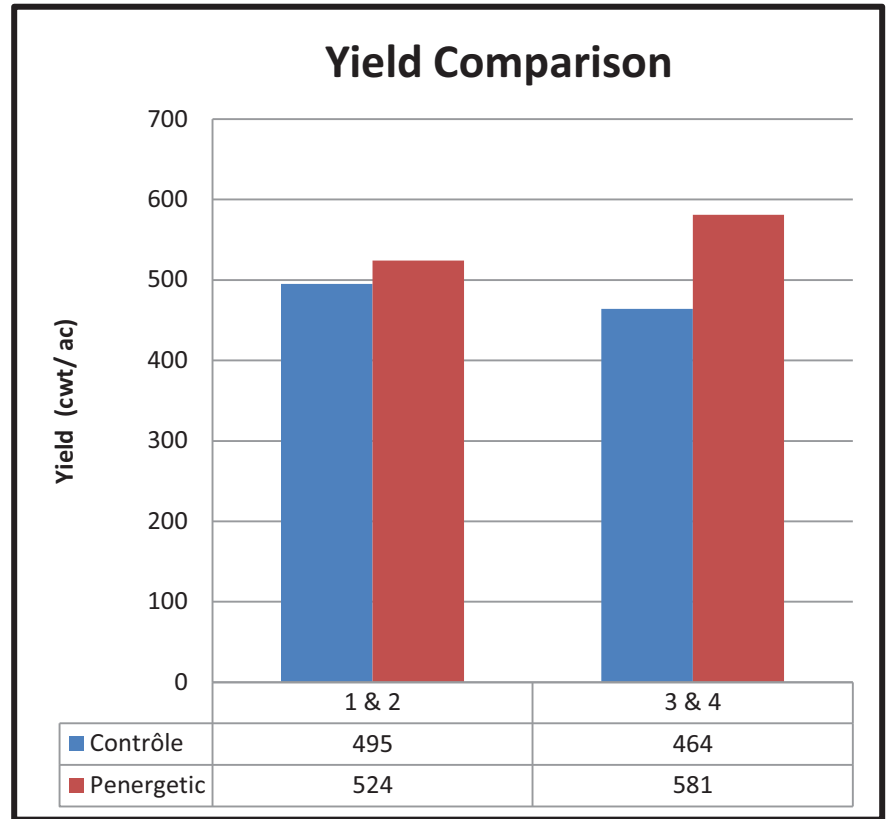
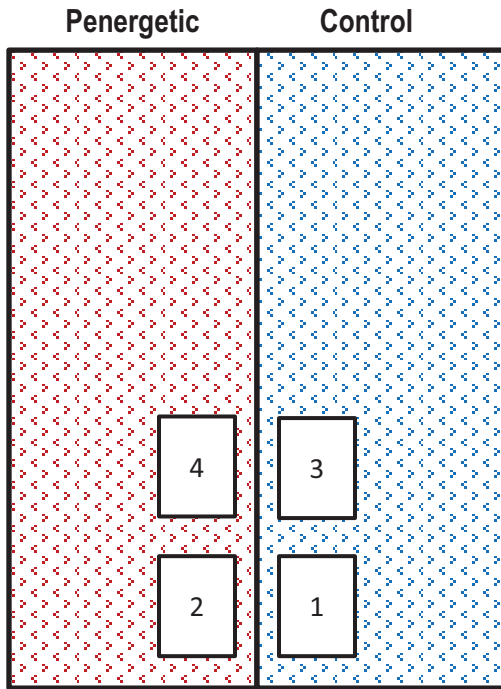
Ferme Rondeau, Lanoraie, QC (2)



Ferme Rondeau, Lanoraie, QC (2)

Variety: Gold Rush

Date of Harvest: September 11th, 2014



Control (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)
1	NT	9	34	495
3	NT	9	32	464

Penegetic (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)	cwt / ac Difference	% Difference
2	Treated	9	38	524	+29	+6%
4	Treated	9	40	581	+117	+25%
Average					+73	+16%

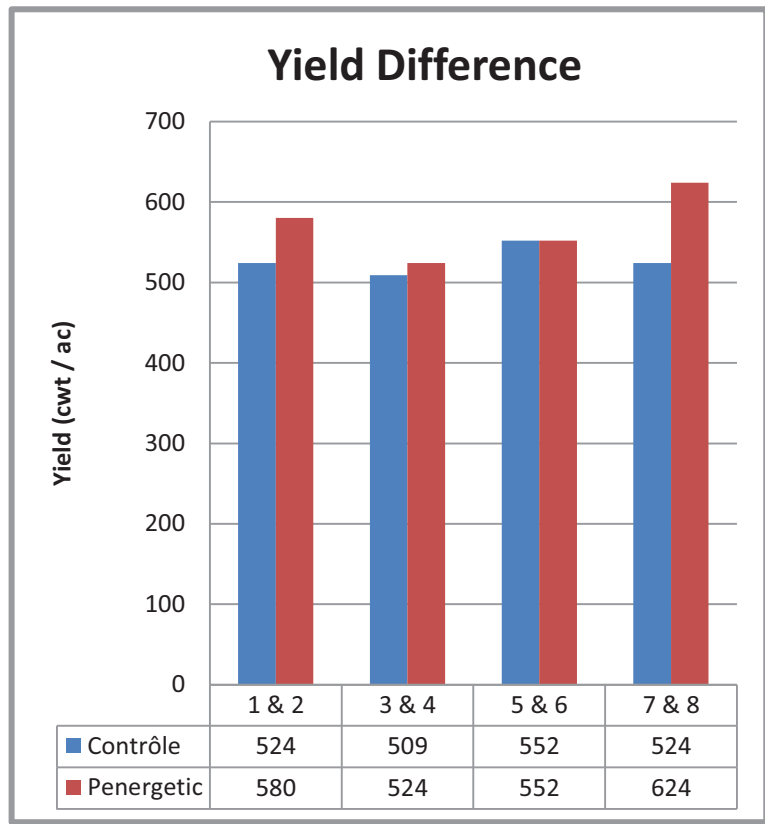
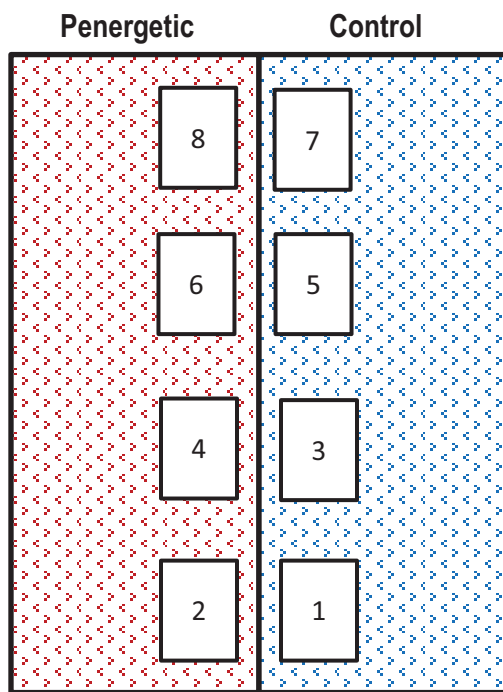
Ferme Fiset Lyster, Lyster, QC



Ferme Fiset Lyster, Lyster, QC

Variety: Norland

Date of Harvest: September 11th, 2014



Control (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)
1	NT	8	36	524
3	NT	8	35	509
5	NT	8	38	552
7	NT	8	36	524

Penergetic (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)	cwt / ac Difference	% Difference
2	Treated	8	40	580	+56	+11%
4	Treated	8	36	524	+15	+3%
6	Treated	8	38	552	0	0%
8	Treated	8	43	624	+100	+19%
Average					+43	+8%

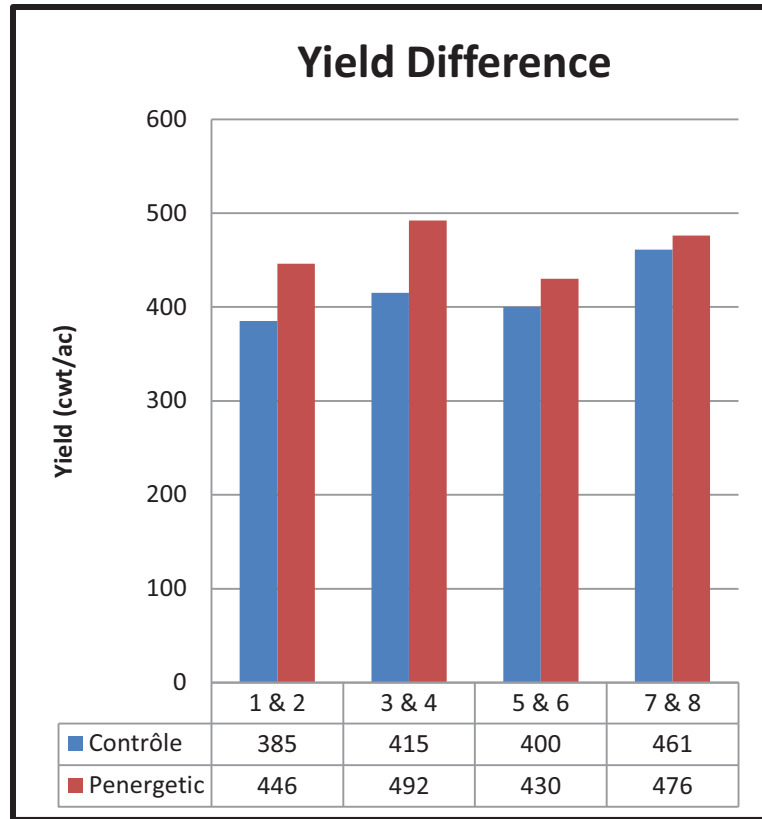
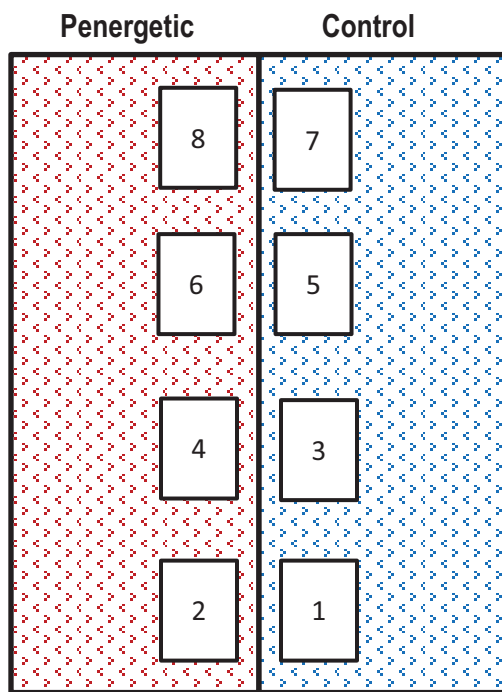
Ferme Valupierre, Ile d'Orléan, QC



Ferme Valupierre, Ile d'Orléan, QC

Variety: Mudoch

Date of Harvest: September 22nd, 2014



Control (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)
1	NT	9	25	385
3	NT	9	27	415
5	NT	9	26	400
7	NT	9	30	461

Penergetic (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)	cwt / ac Difference	% Difference
2	Treated	10	29	446	+16%	+10
4	Treated	9	32	492	+19%	+9
6	Treated	9	28	430	+8%	=9
8	Treated	9	31	476	+3%	+9
Average					+46	+11%

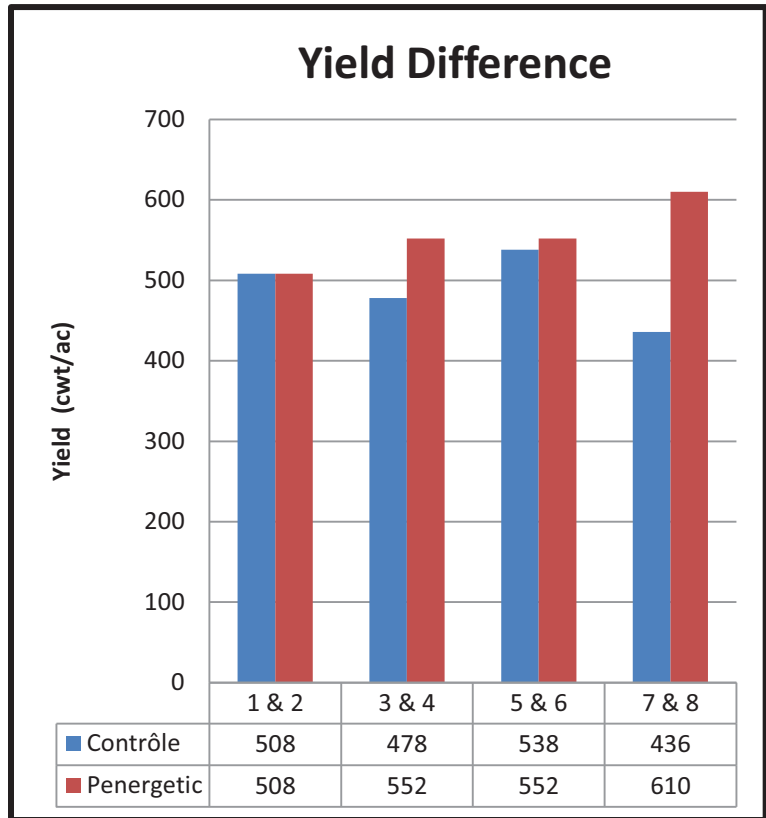
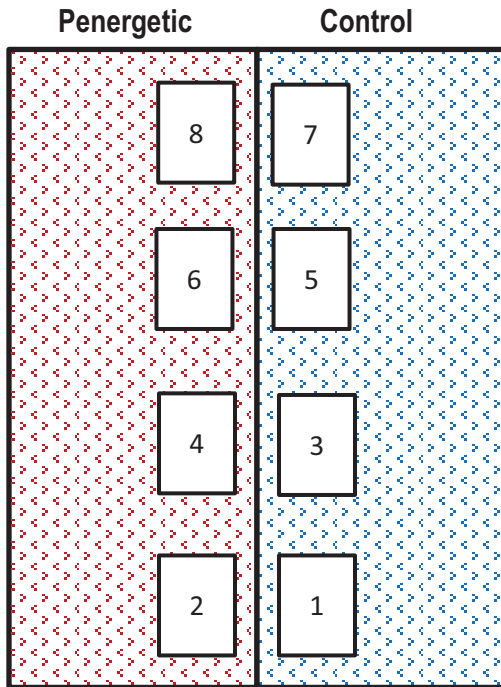
Ferme Humus Sol, Ste-Eulalie, QC



Ferme Humus Sol, Ste-Eulalie, QC

Variety: Gold Rush

Date of Harvest: September 22nd, 2014



Control (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)
1	NT	10	35	508
3	NT	9	33	478
5	NT	10	37	538
7	NT	10	30	436

Penegetic (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)	cwt / ac Difference	% Difference
2	Treated	10	35	508	0	0%
4	Treated	10	38	552	+74	+15%
6	Treated	9	38	552	+14	+3%
8	Treated	10	42	610	+174	+40%
Difference					+66	+14%

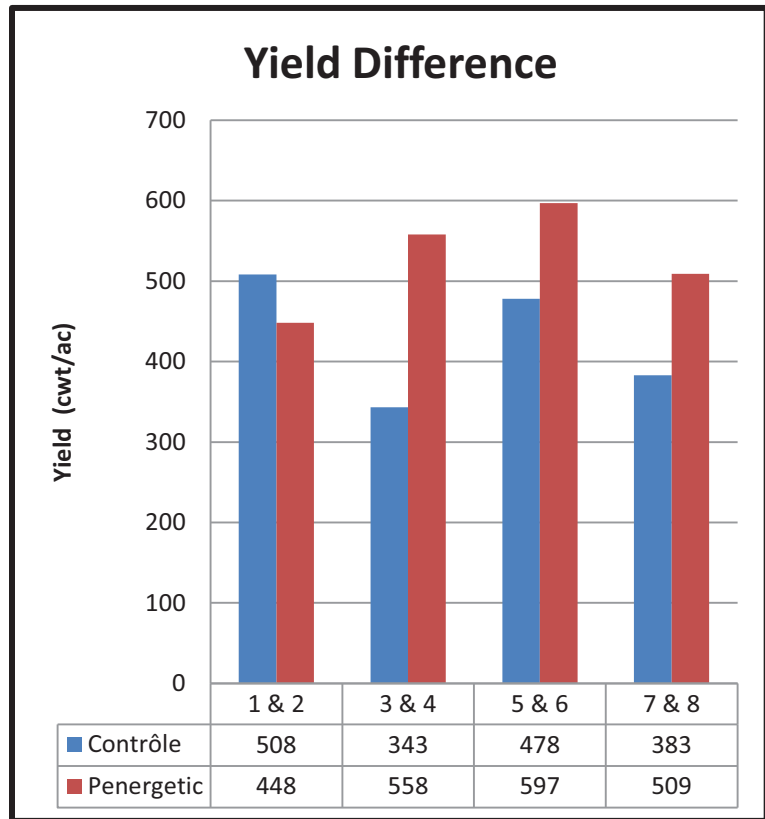
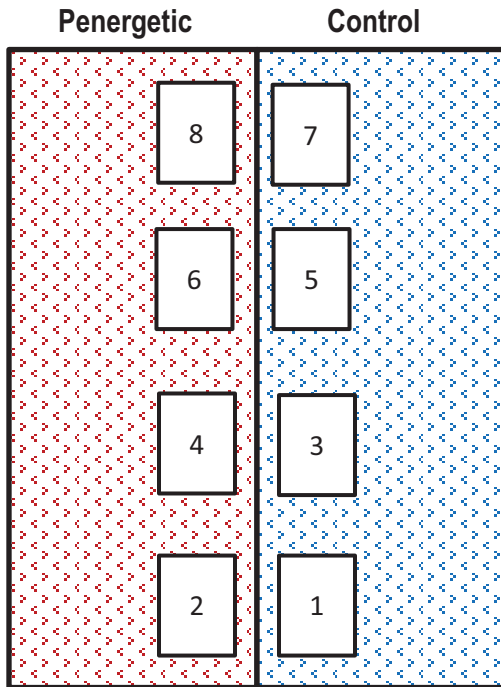
Ferme Réal Pinsonneault et fils, St-Michel de Napierreville, QC (1)



Ferme Réal Pinsonneault et fils, St-Michel de Napierreville, QC (1)

Variety: Mudoch

Date of Harvest: September 24th, 2014



Control (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)
1	NT	10	34	508
3	NT	11	23	343
5	NT	10	32	478
7	NT	9	26	383

Penergetic (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)	cwt / ac Difference	% Difference
2	Treated	10	30	448	-60	-12%
4	Treated	10	38	558	+215	+63%
6	Treated	10	40	597	+119	+25%
8	Treated	9	34	509	+126	+33%
Average					+100	+23%

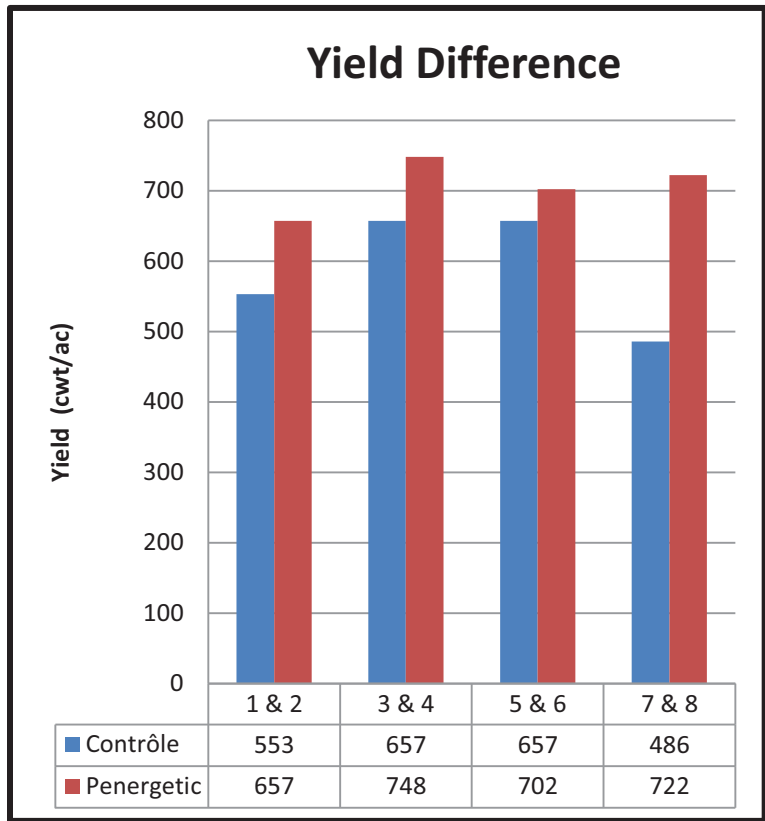
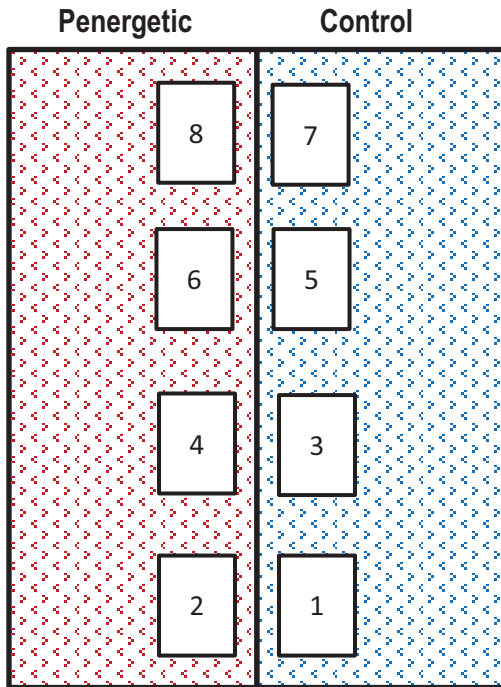
Ferme Réal Pinsonneault et fils, St-Michel de Napierreville, QC (2)



Ferme Réal Pinsonneault et fils, St-Michel de Napierreville, QC (2)

Variety: Vivaldi

Date of Harvest: September 24th 2014



Control (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)
1	NT	9	37	553
3	NT	9	44	657
5	NT	9	44	657
7	NT	9	32	486

Penergetic (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)	cwt / ac Difference	% Difference
2	Treated	9	44	657	+104	+19%
4	Treated	9	48	748	+91	+14%
6	Treated	9	47	702	+45	+7%
8	Treated	9	49	722	+236	+49%
Average					+119	+22%

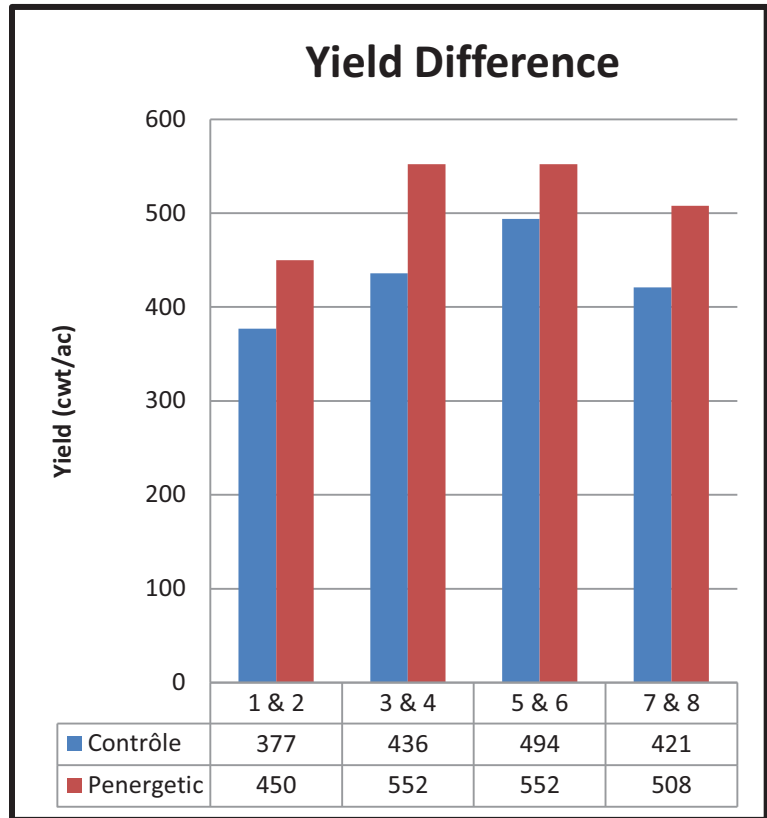
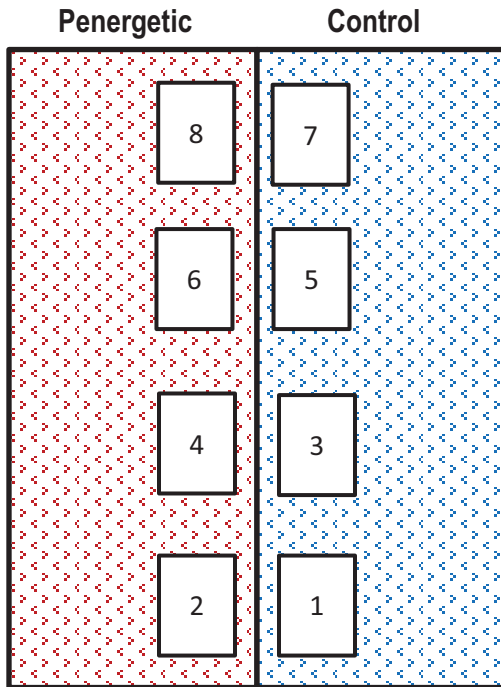
Ferme Isabel, St-Michel de Napierreville, QC



Ferme Isabel, St-Michel de Napierreville, QC

Variety: Belmont

Date of Harvest: September 24th, 2014



Control (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)
1	NT	8	26	377
3	NT	10	30	436
5	NT	10	34	494
7	NT	10	29	421

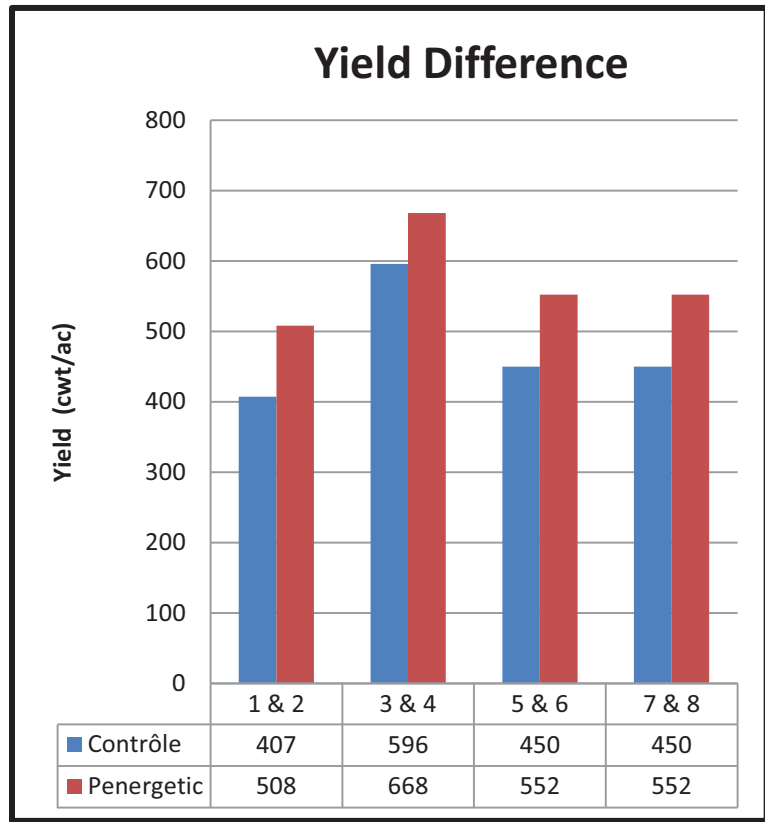
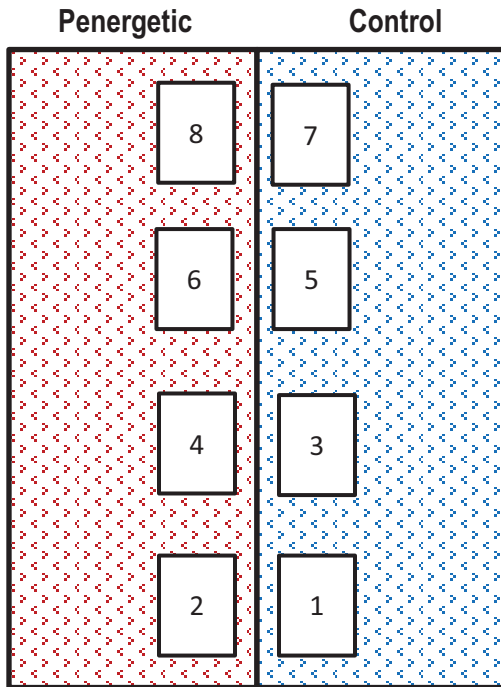
Penergetic (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)	cwt / ac Difference	% Difference
2	Treated	8	31	450	+73	+19%
4	Treated	10	38	552	+116	+27%
6	Treated	10	38	552	+58	+12%
8	Treated	10	35	508	+87	+21%
Average					+84	+20%

Ferme MGE Ouellet, Rivière du Loup, QC

Variety: Russet Burbank

Date of Harvest: October 14th, 2014



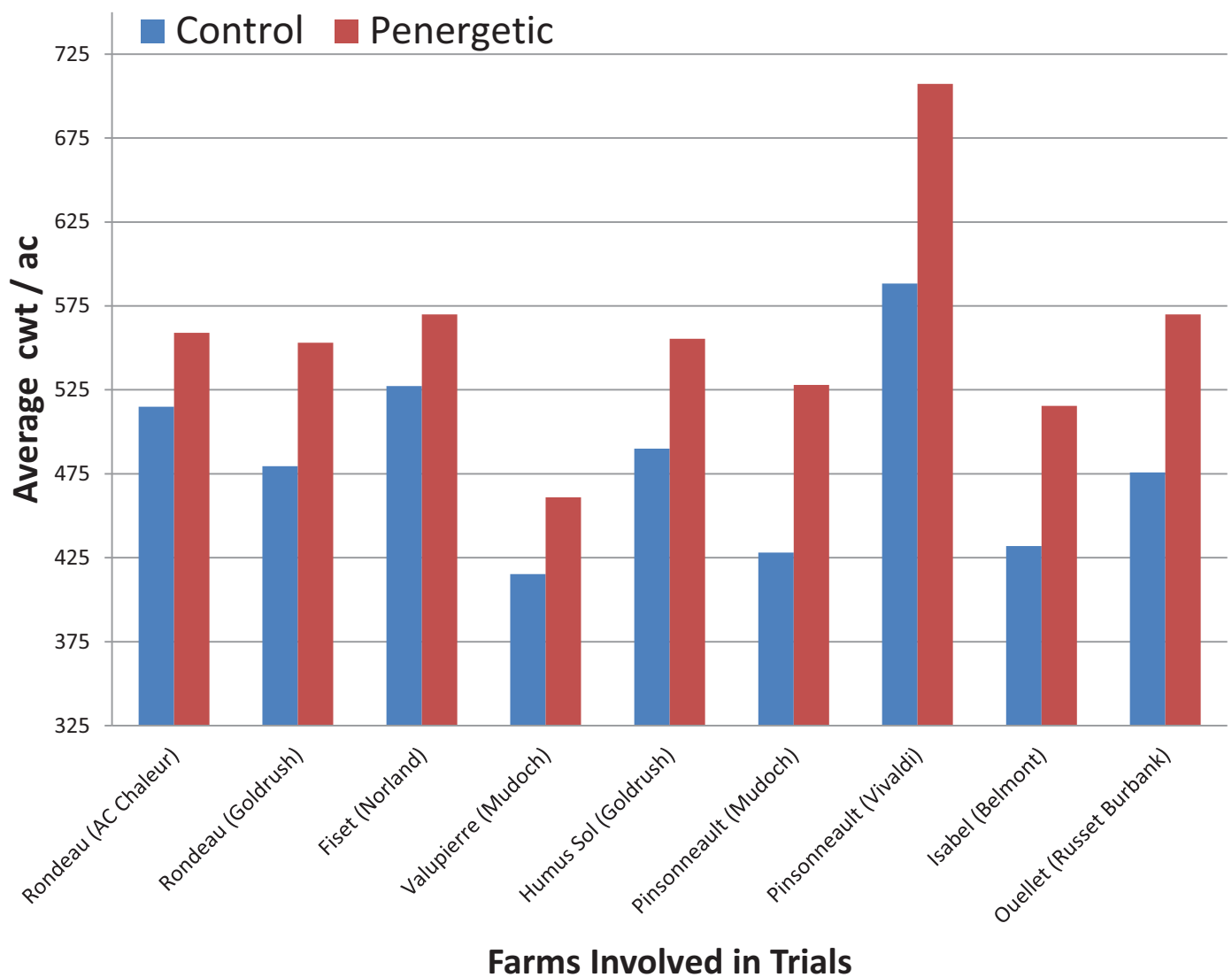
Control (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)
1	NT	8	28	407
3	NT	8	41	596
5	NT	8	31	450
7	NT	8	36	450

Penergetic (10 feet)

#	Control	# of Plants	Weight (lbs)	Yield (cwt / ac)	cwt / ac Difference	% Difference
2	Treated	8	35	508	+101	+25%
4	Treated	8	46	668	+72	+12%
6	Treated	8	38	552	+102	+23%
8	Treated	8	38	552	+102	+23%
Average					+94	+21%

Farm	Location	Potato Variety	cwt/ac	%
			Difference	Difference
			Average	
Ferme Rondeau	Lanoraie	AC Chaleur	+44	+9 %
Ferme Rondeau	Lanoraie	Goldrush	+73	+16 %
Ferme Fiset	Lyster	Norland	+43	+8 %
Ferme Valupierre	Ile d'Orléan	Mudoch	+46	+11 %
Ferme Humus Sol	Ste-Eulalie	Goldrush	+66	+14 %
Ferme Réal Pinsonneault & fils	Napierville	Mudoch	+100	+23 %
Ferme Réal Pinsonneault & fils	Napierville	Vivaldi	+119	+22 %
Ferme Isabel	Napierville	Belmont	+84	+20 %
MGE Ouellet	Rivière du loup	Russet	+94	+21 %





POTATOES

Penergetic	Soil treatment	Seed treatment	Foliar Application	
	Acre	Acre	Acre	
Penergetic K	300 g			Soil treatment can be mixed with herbicide, NPK or other product(s) <ul style="list-style-type: none"> • Apply 15 days before seeding • Can be applied in the Fall
Penergetic P		100 g In the furrow		Can be used with other products on seed <ul style="list-style-type: none"> • Inoculate 100 g / acre in the furrow
Penergetic P	At first leaves		100 g	Can be mixed with NPK, foliar fertilizer or farm chemicals <ul style="list-style-type: none"> • Reduce fertilizer use by 20%
Penergetic P	apply at beginning of flowering		100 g	Can be mixed with NPK, foliar fertilizer or farm chemicals <ul style="list-style-type: none"> • Reduce fertilizer use by 20%
Penergetic P	then 15 to 21 day intervals		50 g	Can be mixed with NPK, foliar fertilizer or farm chemicals <ul style="list-style-type: none"> • Reduce fertilizer use by 20%