

Industrial Alternative Amendment Opportunities



The need for affordable, alternative amendments had been growing, as the price of conventional fertilizers have skyrocketed over the past decade. The New Brunswick Department of Agriculture, Aquaculture and Fisheries (DAAF) enlisted the services of LP Consulting, to review all potential industrial by-products that are approved for use and have a beneficial use on agricultural land for improving soil fertility, soil health and productivity.

Supporting the use of alternative amendments presents an opportunity for the use of local nutrients and soil neutralizers in addition to mitigating environmental impacts and promoting environmental sustainability within the agriculture sector.

The following list identifies the approved industrial by-products and their average fertilizer value, and/ or their liming value that have been reviewed to-date.

Wood Ash

Company	Location	Contact	Phone Number	Average Test Value						Liming Ability
				N	P205	K20	Ca	Mg	S	
Irving	Saint John	LP Consulting	902-256-2636	0	10	32	75	10	31	Yes 1:3
Irving	Lake Utopia	LP Consulting	902-256-2636	0	15	34	89	15	1	Yes 1:1.3
Irving	Saint Leonard	LP Consulting	902-256-2636	0	25	44	203	18	1	Yes 1:0.8
Twin Rivers	Edmundston	Stephanie Cormier	506-479-0938	0	8	26	76	8	2	Yes 1:3

Lime and Calcium Residuals

Company	Location	Contact	Phone Number	Average Test Value						Liming Ability
				N	P205	K20	Ca	Mg	S	
Irving Black Lime	Saint John	LP Consulting	902-256-2636	0	3	0	108	16	6	Yes 1:1.3
Irving Lime Grits	Saint John	LP Consulting	902-256-2636	0	11	0	314	5	0	Yes 1:0.6
AG Group Lime Grits	Nackawic	Tina McCormack	506-789-4363	0	1	0	298	1	0	Yes 1:0.6
AG Group Lime Grits	Atholville	Tina McCormack	506-789-4363	0	0	0	125	9	9	Yes 1:1

Green Bin Compost

Company	Location	Contact	Phone Number	Average Test Value						Liming Ability
				N	P205	K20	Ca	Mg	S	
Moncton Eco360	Moncton	Sebastian Hultberg	506-877-1050	12	9	2	140	1	0	No - OM 220 kg/t
Fundy Regional	Saint John	Brenda MacCallum	506-738-1214	11	6	2	230	3	1	No - OM 280 kg/t
Cardwell Farms Compost	Penobscuis	Jim Cunningham	506-433-4078	9	5	8	80	2	1	No - OM 350 kg/t

Biosolid Compost

Company	Location	Contact	Phone Number	Average Test Value						Liming Ability
				N	P205	K20	Ca	Mg	S	
Moncton TransAqua	Moncton	LP Consulting	902-256-2636	13	7	1	110	2	2	No- OM 440 kg/t
Envirem	Fredericton	Jim Barnet	506-459-3464	3	5	4	270	5	3	No - OM 125 kg/t