

Appendix B. Tables 1-3

Table 1. 44 NYS Farm Composting Survey

Farm #	Type of Farm	Feedstock	Tip Fee \$	Price Sold \$	Used on Site	Description of Operation
1	Farm,	Manure, leaf, yard, Food scrap		24/yd	X	Organic veg. Farm Turned windrows
2	Farm,	Manure, leaf, yard,	10/ton cardboard 51/yd leaves/grass 10/brush		X	Turned windrows
3	Farm	Manure, leaf, yard,	5/yd.yard 7/yd brush	10/yd	X	Turned windrows
4	Farm	Chicken manure, leaf, yard, Food, paper mill sludge	Yes - varies for paper sludge	30/yd	X	Permit, Turned windrows
5	Farm	Manure, paper mill sludge	Sludge 30/ton	no	X	Operation shut down by DEC for non- compliance
6	Farm	Manure, gypsum board				
7	Farm	Leaf, yard	10/yd			not currently using pad but have permit
8	Farm	Poultry manure	N/A	50/ton pelletized varies	X	IPS type system, dried & pelletized
9	Farm	Manure, wood shavings food scrap ,paper		24/yd delivered	X	In-vessel
10	Farm,	Manure, wood chips,	Pay for feedstock	12/5 gal bucket		Taking manure from farm, Turned windrows
11	Farm	Manure, food scrap, crop residual	10-35/ton	Working toward	X	Turned windrows
12	Farm	Manure			X	Turned windrows
13	Farm	Manure, branches, leaves floral	Generated on site		X	Turned windrows

Farm #	Type of Farm	Feedstock	Tip Fee \$	Price Sold \$	Used on Site	Description of Operation
14	Farm	Manure, bedding	no	20/yd 3/40#bag	X	Digester and windrows
15	Farm	Manure, food scrap, wood chips, Leaf, yard	87/ton food 10/ton manure	Just starting	X	Turned windrows
16	Farm	Logs, food processing, manure, food scrap	no	no	X	Turned windrows
17	Farm	Manure, grass, leaves, food scrap	no	no	X	Turned windrows
18	Farm	Manure, brush, food	Tip varies 10-30/ton	3/40# manure (1.35-4) 25+/yd bulk		Digester & turned windrows
19	Farm,	Manure, brush, food pro	no	no	X	Turned windrows
20	Farm	Manure, grass, leaves, paper sludge	3/yd leaves, brush			Turned windrows
21	Farm	Manure, food, crop residuals			X	Turned windrows
22	Farm	Dairy heifer manure, wood chips	No tip	10 /yd		Centralized facility, Turned windrows
23	Farm,	Manure, food crop, residuals, grass leaves, horse, chicken, cardboard	Yes ?	30/yd 2/40# W 4/40# R	X	Organic vegetable operation and centralized facility for dairy manure
24	Sheep farm	Sheep Manure, (packed bedding)	no	no	X	Turned windrows wants to develop compost product to use in raising and selling annuals
25	Farm	Manure, wood chips	no	Will sell		Land poor - needs to export all
26	Farm,	Manure, wood chips, grass, leaves, food processing, butcher waste	no		X	windrows
27	Farm,	Manure, grass, leaves, wood chips	No	Will be sold	X	Greenhouse to treat liquid manure, forced air, windrows
28	Farm,	Manure , bedding, wood chips	no		X	Turned windrows

Farm #	Type of Farm	Feedstock	Tip Fee \$	Price Sold \$	Used on Site	Description of Operation
29	Farm	Separated manure, bedding	no	Will be sold- one load out consignment	X	Recycling composted manure to use as bedding, forced air
30	Farm	Manure, wood chips, grass, leaves, food processing, zoo manure	10-30	20/yd 3/cu ft	X 50%	Turned windrows, working toward organic cert.
31	Farm	Manure, wood chips	no		X	Need compost for veg crops that will be sold organic- working toward organic, milk, berries, peppers, cabbage
32	Farm	Manure, wood chips	no			Turned windrows
33	Farm,	Manure, grass brush, other				Turned windrows
34	Veg Crops Farm	Manure from off farm, other				veg operation needs organic material produces his own compost
35	Ag Ed,	Manure food wood chips	20/ton	3/40# bag		Turned windrows
36	Farm,	Manure, bedding				Turned windrows
37	Farm,	Manure, bedding, yard, leaves, food, milk waste	10-30/ton	18-27/yd 3.25/30#	1/3 on site	Turned windrows
38	Farm	Manure, bedding		3.25/25# 5/40#		Turned windrows
39	Farm	Manure, logs food pro	Yes?	yes		Ag Bags and Turned windrows
40	Vineyard	Food processing, brush, leaves			X	Turned windrows
41	Nursery,	Manure, food processing, brush	Yes?	3/40# 20/yd		Turned windrows, fabric covers
42	Vineyard	Leaves, brush, food, ice cream, grape, cranberry			X	Turned windrows
43	Vineyard	Vineyard pressings			X	Turned windrows
44	Nursery,	Leaves, grass, logs, food, ice cream	2.50/yd tip	Yes?	X	Turned windrows

Table 2. Summary of Existing Compost Label/Seal Programs

Questions that need to be addressed	California Compost Quality Council	Earth-Wise (Portland Oregon)	Organic Materials Review Institute	Seal of Testing Assurance (USCC)	Solvita
Who is eligible?	Voluntary - Any California producer	Voluntary - Yard waste producers	Voluntary - All except non-agricultural industries, sewage sludge or MSW composts	Voluntary - Any producer	Voluntary - Any producer
Who collects the samples?	Annual CCQC verification officers/others by producer	Agency	Producer	Producer	Producer
What are the specs for analyses?	CCQC Lab Practices Manual	Oregon State University	None	TMECC	Woods End Laboratory
What is the frequency of testing?	Annually or every 5,000 cu yd	Twice a year	Yearly review	Depends on amount produced, quarterly, bimonthly or monthly	Depends on amount produced, change in feedstock or every three months
What are the parameters?	503 metals Particle size pH Salinity Pathogens Stability/Maturity – if claimed Bulk density Moisture Content Organic matter	B, Cd, Cu, Pb, Zn Nutrients: Ca, Mg pH Salinity Foreign material Stability/Maturity Pentachlorophenol Chlordane Weed seeds	503 metals + B, Cr, Fe, Mn, Mo, S Particle size Nutrients pH Salinity Foreign material Pathogens Moisture Organic matter C:N	503 metals Particle size Nutrients pH Salinity Pathogens Stability/Maturity Seed germination Moisture content Organic matter	Metals Nutrients pH Salinity Stability/Maturity Seed germination Moisture content/Density Organic matter C:N
Are there standards?	Metals and pathogens must meet CAIWMB standards	Yes (all of the above)	Pathogens and Foreign material	503 metals and pathogens	Yes
Would the standards be use	No	No	No	No	Yes

specific?					
How would the test results be made available?	Consumers must request from producer	Lab results given to producers who display at registers	Only feedstock must be disclosed	Consumers must request from producer	By consumer request
Are there use guidelines?	No	No	No	Yes – provided by producer	Yes
Questions that need to be addressed	California Compost Quality Council	Earth-Wise (Portland Oregon)	Organic Materials Review Institute	Seal of Testing Assurance (USCC)	Solvita
What does the fee depend on?	Volume Processed	Same for all	Annual sales and type of product being reviewed	Under discussion – discount for USCC members	Same for all
What does the fee cover?	Administration costs, on site verification, and annual lab tests (\$1000.00)	Administration costs and lab analyses (\$500.00/Portland Metro subsidizes \$500.00)	Review of products feedstock and methods (\$550-\$1250) but not lab analyses	Administration costs but no lab analyses	Administration costs and lab analyses (\$950.00/\$800.00 for renewal)
Is there a subsidized fee?	No	Yes	No	No	No
Who administers the program?	Non-profit – California’s Compost Council	Portland Metro government	Non-profit – Organic Materials Review Institute	United States Compost Council	Private company – Woods End Research Laboratory
Do they certify/validate?	Yes – on-site inspections and annual testing	Yes		No	Yes
Do they advertise?	Yes – brochures, website, conferences	Yes – newspapers, hotline	Publish approved producers list	Yes – conferences, magazines, website	Website

Table 3. NYS Options for Compost Label/Seal Program to Promote Compost Marketing

Questions that need to be addressed	Possible options under consideration	Possible Program for Discussion
Who is eligible?	<ul style="list-style-type: none"> Any producer Agricultural producer only Non-sludge producer Source-separated organics 	Voluntary program for any compost that is source-separated organics including manure
Who collects the samples?	<ul style="list-style-type: none"> The producer Agency 	The producer
What are the specs for analyses?	<ul style="list-style-type: none"> USCC TMECC – lab methods DOH certified laboratories 	USCC TMECC, all samples to same lab
What is the frequency of testing?	<ul style="list-style-type: none"> Annually < than or > than annually Dependant on amount produced 	Annually (or when ready for distribution) or if there is a change in feedstock
Questions that need to be addressed	Possible options under consideration	Possible Program for Discussion
What are the parameters?	<ul style="list-style-type: none"> Heavy metals, PCB, Particle Size, Nutrients, pH, Salinity, Foreign Materials, Pathogens (Fecal Coliform, Salmonella, E.Coli), Stabiliyt/Maturity, Herbicides/Pesticides, Moisture Content, Organic Matter, C:N, Weed Seeds 	503 metals Nutrients pH Salinity Foreign material Pathogens Stability/Maturity Organic matter Weed seeds Decrease parameters if test below some threshold consistently for 3 years, with no change in feedstock
Are there standards?	<ul style="list-style-type: none"> Yes or No (just monitor) 	No, but suggest ranges for different uses
Would the standards be use specific?	<ul style="list-style-type: none"> Yes or No 	See above
How would the test results be made available?	<ul style="list-style-type: none"> Printed on label By consumer request 	On bag or on information sheet for bulk
Are there use guidelines?	<ul style="list-style-type: none"> Yes or no 	List provided for different uses
What does the fee depend on?	<ul style="list-style-type: none"> Same for all producers Dependant on amount produced Dependent on annual sales 	Annual sales
What does the fee cover?	<ul style="list-style-type: none"> Administration costs only Administration costs and lab analyses 	Administration costs and lab analyses (all testing performed by one lab)
Is there a subsidized fee?	<ul style="list-style-type: none"> Yes or No 	No

Who administers the program?	<ul style="list-style-type: none"> • Government agency, e.g. DAM, DEC, ERDA, ESD • Industry based organization, e.g. NYSAR to administer with promotion by DAM Pride of NY • Cornell University • Cornell Cooperative Extension • Soil and Water Conservation District 	DAM
Do they certify/validate?	<ul style="list-style-type: none"> • Yes or No 	Yes
Do they advertise?	<ul style="list-style-type: none"> • Yes or No 	Yes