

An Educational Tool in Environmental Stewardship

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With the advent of the 1999 Alabama Animal Feeding Operation (AFO)/ Concentrated Animal Feeding Operation (CAFO) rule, it has become a necessity to be diligent in recordkeeping. The rule requires that certain records be kept for land applications and makes restrictions on when those applications may be made. In addition, poultry producers are required to have QCP (Qualified Credentialed Professional) inspectors inspect their WMSP (waste management system plan) and/or CNMP (comprehensive nutrient management plan) ensuring that it meets or exceeds NRCS (Natural Resource Conservation Service) standards. Therefore, a system was needed which would simplify the recordkeeping process and reduce time and paperwork for both the producer and the inspector. A handbook was developed to aid in keeping records for environmentally sound use of broiler litter. It provides a central location for all records dealing with nutrient management, and the resource materials needed for sound environmental management. Materials in the handbook originated from the Alabama Cooperative Extension System (ACES), NRCS and the Alabama Department of Environmental Management. The materials are also available from www.broilerlitter.com.

This is a recordkeeping form for Alabama Animal Feeding Operations (AFO). It includes fields for 'Farm Name', 'County', 'APN', and 'Date'. The main body of the form is a table with columns for 'Date', 'Type of Application', 'Amount', 'Field Name', and 'Remarks'. The bottom of the form contains a section for 'Inspector Name' and 'Signature'.

This is a recordkeeping form for Alabama Waste Management System Plans (WMSP). It includes fields for 'Farm Name', 'County', 'APN', and 'Date'. The main body of the form is a table with columns for 'Date', 'Type of Application', 'Amount', 'Field Name', and 'Remarks'. The bottom of the form contains a section for 'Inspector Name' and 'Signature'.

This is a recordkeeping form for Alabama Comprehensive Nutrient Management Plans (CNMP). It includes fields for 'Farm Name', 'County', 'APN', and 'Date'. The main body of the form is a table with columns for 'Date', 'Type of Application', 'Amount', 'Field Name', and 'Remarks'. The bottom of the form contains a section for 'Inspector Name' and 'Signature'.

This is a recordkeeping form titled 'Alabama Phosphorus Index Worksheet'. It includes fields for 'Farm Name', 'County', 'APN', and 'Date'. The main body of the form is a table with columns for 'Field Name', 'Soil Type', 'Soil P Level', 'Soil P Index', and 'Remarks'. The bottom of the form contains a section for 'Inspector Name' and 'Signature'.



Field Name	Soil Type	Soil P Level	Soil P Index	Remarks
Field 1	Clay	1	1	
Field 2	Silt	2	2	
Field 3	Sand	3	3	
Field 4	Loam	4	4	
Field 5	Clay	5	5	
Field 6	Silt	6	6	
Field 7	Sand	7	7	
Field 8	Loam	8	8	
Field 9	Clay	9	9	
Field 10	Silt	10	10	
Field 11	Sand	11	11	
Field 12	Loam	12	12	
Field 13	Clay	13	13	
Field 14	Silt	14	14	
Field 15	Sand	15	15	
Field 16	Loam	16	16	
Field 17	Clay	17	17	
Field 18	Silt	18	18	
Field 19	Sand	19	19	
Field 20	Loam	20	20	
Field 21	Clay	21	21	
Field 22	Silt	22	22	
Field 23	Sand	23	23	
Field 24	Loam	24	24	
Field 25	Clay	25	25	
Field 26	Silt	26	26	
Field 27	Sand	27	27	
Field 28	Loam	28	28	
Field 29	Clay	29	29	
Field 30	Silt	30	30	
Field 31	Sand	31	31	
Field 32	Loam	32	32	
Field 33	Clay	33	33	
Field 34	Silt	34	34	
Field 35	Sand	35	35	
Field 36	Loam	36	36	
Field 37	Clay	37	37	
Field 38	Silt	38	38	
Field 39	Sand	39	39	
Field 40	Loam	40	40	
Field 41	Clay	41	41	
Field 42	Silt	42	42	
Field 43	Sand	43	43	
Field 44	Loam	44	44	
Field 45	Clay	45	45	
Field 46	Silt	46	46	
Field 47	Sand	47	47	
Field 48	Loam	48	48	
Field 49	Clay	49	49	
Field 50	Silt	50	50	
Field 51	Sand	51	51	
Field 52	Loam	52	52	
Field 53	Clay	53	53	
Field 54	Silt	54	54	
Field 55	Sand	55	55	
Field 56	Loam	56	56	
Field 57	Clay	57	57	
Field 58	Silt	58	58	
Field 59	Sand	59	59	
Field 60	Loam	60	60	
Field 61	Clay	61	61	
Field 62	Silt	62	62	
Field 63	Sand	63	63	
Field 64	Loam	64	64	
Field 65	Clay	65	65	
Field 66	Silt	66	66	
Field 67	Sand	67	67	
Field 68	Loam	68	68	
Field 69	Clay	69	69	
Field 70	Silt	70	70	
Field 71	Sand	71	71	
Field 72	Loam	72	72	
Field 73	Clay	73	73	
Field 74	Silt	74	74	
Field 75	Sand	75	75	
Field 76	Loam	76	76	
Field 77	Clay	77	77	
Field 78	Silt	78	78	
Field 79	Sand	79	79	
Field 80	Loam	80	80	
Field 81	Clay	81	81	
Field 82	Silt	82	82	
Field 83	Sand	83	83	
Field 84	Loam	84	84	
Field 85	Clay	85	85	
Field 86	Silt	86	86	
Field 87	Sand	87	87	
Field 88	Loam	88	88	
Field 89	Clay	89	89	
Field 90	Silt	90	90	
Field 91	Sand	91	91	
Field 92	Loam	92	92	
Field 93	Clay	93	93	
Field 94	Silt	94	94	
Field 95	Sand	95	95	
Field 96	Loam	96	96	
Field 97	Clay	97	97	
Field 98	Silt	98	98	
Field 99	Sand	99	99	
Field 100	Loam	100	100	



The handbook is divided into twelve sections, each one is pertinent to environmental stewardship. Sections one through four are for records (soil test results, weather data, litter/dry manure solids clean-out/transfer records, litter/dry manure solids/nutrient field application records, Alabama phosphorus index worksheet, and the poultry litter/animal manure by-product responsibility/liability transfer form, disposal logs and records). Section five is to keep all correspondence from the Alabama Department of Environmental Management. Section six is to maintain all inspection reports. Section seven is to maintain all continuing education papers and certificates. The next section is to keep the Nutrient Management Plan. The remaining sections contain a copy of the Alabama AFO/CAFO rule, USDA/NRCS Conservation Practice Standard - Nutrient Management, USDA/NRCS Conservation Practice Standard – Prescribed Grazing. The last section contains various publications on nutrient management, best management practices, Intensive cropping systems, and environmental stewardship. This notebook was funded by Alabama Legislature Broiler Initiative and RC&D Mountains, Rivers, and Valleys.