

**CONNECTICUT AGRICULTURAL EXPERIMENT STATION.**

*Bulletin 21.*

FERTILIZER ANALYSES.

**243.** Refuse from paper manufactory.  
From R. E. Pinney, Suffield.  
A wet, pasty mass.

Water.....	39.5
Sand.....	1.5
Caustic Lime.....	2.5
Carbonate of Lime.....	46.6
Carbonate of Soda.....	6.1
Sulphuric Acid, Magnesia, Alumina and oxide of iron....	3.8
	<hr/>
	100.0

None of the ingredients of this refuse give it any value as a direct source of plant-food, except lime. Its uses for agricultural purposes are those to which lime is commonly applied. The carbonate of soda acts like lime, but more rapidly, and requires caution in its use. This refuse may be serviceable as a top dressing on grass or to compost with swamp-muck. Strikingly good effects rarely appear from lime until the second year. The commercial value of this material, as a fertilizer, is that of the equivalent amount of the cheapest lime.

**244.** Animal scrap manure.

**245.** Corena settlings.

**246.** Rotted bone manure.

Made by G. W. Baker, Williamsburgh, L. I.; sent Mar. 14, by W. J. Jennings, president Green's Farms Farmers' Club.

	<b>244</b>	<b>245</b>	<b>246</b>
Water.....	44.0	29.0	39.0
Nitrogen.....	1.9	4.1	2.4
Phosphoric acid.....	1.0	trace	2.8
Est'd value per ton..	\$6.25	\$14.69	\$12.41
Cost.....	15.50	14.00	17.00

S. W. JOHNSON, *Director.*