of the	recomm	endatio	ns wh	ich I	have	given	as	to the	manuring
and cu	ltivation	of the	soils o	f Fr	edericl	k coun	ty.		

and cultivation of the sons of Frederick county.	
LIMESTONES from Frederick county 1. Limestone from Clairvaux, near Mt. St. Mar.	
A dark bluish gray variety of a rough texture, by numerous small veins of white calc spar.	and traversed
Upon analysis it was found to be composed as f	
Carbonate of lime	77.4 20.5
Sand and clay	2.1
	100.
When burnt, 100 parts will therefore yield of-	
Caustic lime, (quick or burnt) Caustic magnesia	4 3.3 9.3
and when water-slacked, of-	
Water-slacked lime	57.3
Water-slacked magnesia	13.5
2. Limestone from Young's, near Mechanicstov thereof.	vn, and N. E.
A light breccia. It was found to be composed as follows:	
Carbonate of lime	59.0
Carbonate of magnesia Sand and clay	4 0.0 1.0
• •	100.
When burnt, 100 parts will therefore yield of-	
Caustic lime	$\begin{array}{c} 33.0 \\ 18.2 \end{array}$
and when water-slacked, of-	
Water-slacked lime Water-slacked magnesia	4 3.6 2 6. 4
3. Limestone from Adams county, Pa., (Marsh from Emmittsburg, used considerably in Frederic It represents a hard, light gray mass of uniform Its composition is as follows:	nal's,) 8 miles ek county.
Carbonate of lime	97.5
Carbonate of fine	1.5 1.0
-	100.