

2022-23 Fertilizer by County Report

County Name	Total			Total All Fertilizer	N (Multiple Nutrient)	P (Multiple Nutrient)	K (Multiple Nutrient)	Farm (Multiple Nutrient)	Non-Farm (Multiple Nutrient)	N (All Fertilizer)	P (All Fertilizer)	K (All Fertilizer)	Farm (All Fertilizer)	Non-Farm (All Fertilizer)
	Multiple-Nutrient Fertilizer	Total Single-Nutrient Fertilizer	Total All Other											
ACCOMACK	4353.72	8285.74	521.64	13161.1	723.7	196.46	735.77	3816.14	537.59	2773.06	196.66	1230.33	12417.5	743.59
ALBEMARLE	493.76	398.69	656.63	1549.07	66.81	47.7	37.43	202.72	291.04	240.05	48.1	65.62	500.93	1048.14
ALEXANDRIA	114.44	8.74	1463.74	1586.92	2.69	2.67	0.99	2.89	111.55	5.06	3.24	3.81	15.94	1570.98
ALLEGHANY	40.64	77.81	69.85	188.29	5.78	12.18	0.42	25.69	14.95	20.94	17.29	17.83	101.85	86.45
AMELIA	2104.05	757.07	63.13	2924.25	161.78	135.32	190.83	2103.1	0.95	319.9	135.76	194.72	2858.02	66.23
AMHERST	2858.36	60494.28	430.27	63782.91	329.84	1360.54	40.87	2792.58	65.78	18623.76	1360.91	1110.07	63262.06	520.85
APPOMATTOX	391.8	1314.68	6924.62	8631.1	61.23	156.89	4.88	333.36	58.44	280.7	156.94	258.21	1647.45	6983.64
ARLINGTON	228.82	58.64	323.63	611.09	21.57	2.68	11.1	2.9	225.92	31.67	2.75	12.78	3.25	607.84
AUGUSTA	834.92	5634.06	2257.55	8726.53	93.2	134.1	31.8	397.94	436.98	1437.63	137.61	941.06	7418.48	1308.06
BATH	68.63	240.46	82.54	391.63	11.89	15.12	6.58	32.02	36.61	79.68	15.12	35.91	349.71	41.91
BEDFORD CITY	100	0	88.09	188.09	12	4.04	10.9	100	0	12.29	4.32	11.18	100	88.09
BEDFORD COUNTY	551.32	1847.39	55222.13	57620.83	83.26	163.07	21.22	401.57	149.75	693.49	262.06	407.36	51986.59	5634.24
BLAND	282.25	221.83	11	515.08	51.15	68.08	41.24	277.75	4.51	91.37	68.08	117.63	495.07	20.01
BOTETOURT	2041.65	5284.7	2985.1	10311.45	366.18	777.72	14.69	1650.34	391.31	1708.38	777.76	1010.42	8403.72	1907.73
BRISTOL	188.69	703.97	233.97	1126.63	26.21	62.74	2.23	134.09	54.6	151.85	62.85	153.8	885.27	241.36
BRUNSWICK	123.47	61.92	90.84	276.22	15.77	11.52	17.5	56.77	66.69	32.32	11.6	19.17	138.63	137.59
BUCHANAN	0.01	0	0.63	0.64	0	0	0	0	0.01	0	0	0	0.63	0.01
BUCKINGHAM	492.96	950.48	770.64	2214.08	63.36	157.25	57.58	476.87	16.09	336.17	157.25	254.87	1440.45	773.62
BUENA VISTA	0	22.85	0.15	23	0	0	0	0	0	8.34	0	0	22.85	0.15
CAMPBELL	308.18	535.8	7239.01	8082.99	45.65	59.05	20.47	269.57	38.61	169.49	59.1	54.88	838.28	7244.71
CAROLINE	7968.04	7033.34	200.18	15201.56	478.19	439.77	555.45	7941.18	26.86	2138.2	440.31	1033.17	15113.65	87.9
CARROLL	1796.83	3006.79	62.19	4865.81	303.74	724.96	35.9	1779.35	17.48	905.24	724.98	959.02	4787.91	77.9
CHARLES CITY	1857.04	2472.72	9794.98	14124.74	154.31	206.94	541.13	1831.37	25.67	720.76	206.95	699.36	14088.27	36.47
CHARLOTTE	4684.22	1242.5	545.39	6472.11	708.62	695.08	927.94	4657.92	26.3	1094.25	695.17	968.41	6004.21	467.9
CHARLOTTESVILLE	404.1	1404.69	165.81	1974.6	44.24	190.07	3.25	385.23	18.86	369.08	190.2	327.95	1813.92	160.68
CHESAPEAKE	6233.85	3732.17	5185.66	15151.68	1020.12	559.54	1197.62	4591.23	1642.62	2605.99	635.35	1211.41	11062.45	4089.23
CHESTERFIELD	2997.76	557.88	2590.14	6145.78	525.81	110.46	200.34	1679.6	1318.16	681.27	112.46	209.29	2017.79	4127.99
CLARKE	268.68	1008.86	83.63	1361.16	34.38	53.4	43.08	222.94	45.73	301.2	64.21	136.28	1236.17	125
CLIFTON FORGE	1	0	0	1	0.19	0.19	0.19	1	0	0.19	0.19	0.19	1	0
COLONIAL HEIGHTS	148.45	15.03	330.17	493.64	15.65	7.44	11.42	68	80.45	15.97	7.62	11.64	83.03	410.61
COVINGTON	51.73	245.38	78.35	375.47	9.31	20.58	0.21	44.73	7	77.01	20.62	39.11	289.15	86.32

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CRAIG	173.94	460.38	60.04	694.35	31.23	79.74	0.1	173.94	0	123.92	79.74	151.27	694.35	0
CULPEPER	2179.82	7833.57	1983.15	11996.54	246.88	951.9	40.76	2046.29	133.53	1852.42	958.98	1824.9	10069.3	1927.24
CUMBERLAND	52.12	86.96	107.33	246.41	2.88	1.86	0.26	51.3	0.82	26.47	1.88	0.45	137.89	108.52
DANVILLE	33.53	8.24	406.21	447.98	2.91	0.54	0.87	0	33.53	6.15	0.84	1.28	0	447.98
DICKENSON	138.6	53.91	0	192.52	22.53	22.51	6.9	138.22	0.39	29.64	22.51	14.79	170.18	22.34
DINWIDDIE	2638.38	826.8	2310.88	5776.05	254.97	222.23	269.49	965.86	1672.52	444.19	223.44	329.9	1953.29	3822.76
EMPORIA	46.91	205.84	958.12	1210.87	4.95	15.81	0.31	43.91	3	59.01	15.82	0.53	1184.8	26.07
ESSEX	4297.28	5499.31	716.59	10513.17	430.12	570.66	796.02	4224.87	72.41	1840.84	570.75	1164.4	10320.48	192.69
FAIRFAX CITY	482.24	41.15	758.99	1282.38	61.68	6.22	14.73	0	482.24	63.51	6.69	24.94	0.12	1282.26
FAIRFAX COUNTY	3973.76	1678.3	11367.15	17019.21	508.37	186.32	170.85	644.77	3328.99	773.42	190	274.05	4821.15	12198.06
FALLS CHURCH	6.01	12.31	752.35	770.67	1.02	0.36	0.36	0	6.01	4.85	0.76	0.9	0	770.67
FAUQUIER	4131.72	3930.52	843.93	8906.17	657.51	372.12	186.81	3978.87	152.84	1350.6	372.96	1181.13	7892.04	1014.13
FLOYD	1467.13	1205.67	341.9	3014.7	169.24	332.72	45.75	885.25	581.87	388.68	333.31	397.57	2074.63	940.06
FLUVANNA	504.58	8.66	1667.36	2180.6	25.1	18.88	7.62	470.36	34.22	27.65	18.93	8.08	884.06	1296.54
FRANKLIN CITY	318.37	1415	129.66	1863.04	39.98	58.78	42.31	316.46	1.91	306.3	58.85	301.6	1738.18	124.85
FRANKLIN COUNTY	1642.78	4627.14	3811.25	10081.16	242.37	464.84	184.66	1601.85	40.93	1517.23	465.04	800.53	9779.87	301.29
FREDERICK	7071.52	2615.21	4484.79	14171.51	1558.93	294.51	346.77	575.39	6496.13	1956.22	311.98	513.14	3156.77	11014.74
FREDERICKSBURG	148.64	29.8	716.46	894.9	4.67	3.9	1.94	12.7	135.94	13.98	4.23	3.79	38.4	856.5
GALAX	673.2	772.56	243.17	1688.93	118.41	309.77	0.57	666.3	6.9	204.29	309.99	341.37	1435.94	252.99
GILES	776.86	802	63.65	1642.51	83.62	194.14	125.51	769.3	7.56	252.96	194.18	310.49	1570.82	71.68
GLOUCESTER	626.17	293.21	518.2	1437.58	40.85	47.61	47.46	516.11	110.06	98.01	48.52	92.14	890.98	546.6
GOOCHLAND	1006.72	2453.73	21.71	3482.16	122.55	361.12	65.64	979.69	27.03	662.23	361.2	550.53	3437.04	45.12
GRAYSON	1150.49	1503.95	46.91	2701.34	202.96	496.66	16.56	1149.42	1.07	525.88	496.66	432.89	2654.87	46.47
GREENE	10.9	146.07	4419.63	4576.59	0.76	1.12	0.47	7.06	3.84	42.07	1.27	0.68	157.83	4418.76
GREENSVILLE	441.39	2036.03	45.51	2522.93	67.91	178.83	9.32	414.59	26.8	377.31	179.67	568.6	2492.38	30.55
HALIFAX	3045.6	783.35	765.07	4594.02	399.12	394.88	377.02	2165.51	880.1	591.19	395.04	435.43	2935.44	1658.58
HAMPTON	145.81	10.42	908.91	1065.14	7.72	5.14	4.43	0	145.81	10.7	5.55	4.99	5.9	1059.24
HANOVER	5703.62	6187.06	2677.68	14568.37	600.36	979.46	789.63	4490.78	1212.85	1975.08	981.21	1917.18	11295.46	3272.9
HARRISONBURG	812.4	871.27	3403.3	5086.97	31.96	25.64	23.1	17.02	795.37	186.06	27.46	69	1346.24	3740.73
HENRICO	925.33	191.46	1533.07	2649.85	82.23	43.2	70	110.64	814.69	113.57	43.99	91.08	224.8	2425.05
HENRY	430.46	17.35	238.16	685.97	83.93	46.5	43.45	409.87	20.59	89.19	46.68	46.64	425.85	260.12
HIGHLAND	217.12	240.11	22.29	479.51	32.85	26.3	35.6	214.52	2.6	92.1	26.32	79.48	467.59	11.92
HOPEWELL	6.31	0.02	57.85	64.17	0.25	0.24	0.22	0	6.31	0.41	0.39	0.38	0	64.17
ISLE OF WIGHT	5255.33	4438.28	251.95	9945.56	615.47	558.06	1207.39	5146.03	109.3	1573.74	558.34	1665.05	9618.52	327.05

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JAMES CITY	906.43	970.32	544.97	2421.72	106.52	92.12	180.72	757.9	148.52	373.82	92.38	209.53	1717.67	704.04
KING AND QUEEN	10785.66	10192.45	1170.07	22148.17	1199.06	1392.95	1082.44	10636.41	149.25	3366.73	1393.19	2263.63	21299.13	849.05
KING GEORGE	473.95	736.45	155.62	1366.02	52.83	85.81	89.52	405.7	68.25	224.63	85.88	111.17	1055.86	310.16
KING WILLIAM	2394.79	122484.69	10596.39	135475.86	224.85	644.02	360.91	2371.48	23.31	38311.47	838.19	2236.65	135426.17	49.7
LANCASTER	2484.25	2698.17	232	5414.41	298.92	650.82	264.58	2471.08	13.17	899.58	650.87	807.51	5299.29	115.13
LEE	792.35	1006.33	62.98	1861.66	111.22	206.79	96.97	790.93	1.42	397.75	206.82	285.27	1801.38	60.28
LEXINGTON	74.95	545.82	42.56	663.33	12.43	25.39	2.71	69.07	5.89	200.51	25.4	48.69	621.59	41.74
LOUDOUN	2780.69	2736.7	4529.22	10046.61	294.26	140.39	87.74	1018.17	1762.52	774.7	244.91	254.96	3534.8	6511.81
LOUISA	1937.16	508.9	155.56	2601.62	118.52	129.81	18.16	1808.24	128.92	216.87	129.96	182.78	2315.55	286.06
LUNENBURG	1509.64	18.64	3160.59	4688.88	61.09	52.35	61.89	31.52	1478.12	241.04	111.6	121.14	35.73	4653.15
LYNCHBURG	281.69	42.93	1602.96	1927.58	19.71	6.05	8.7	27.4	254.29	34.99	7.09	14.29	194.43	1733.15
MADISON	1101.33	2106.38	57.17	3264.88	93.74	250.17	58	1058.41	42.92	597.34	250.33	388.81	3216.67	48.21
MANASSAS	436.06	55	848.16	1339.22	23.35	9.5	11.19	23.66	412.4	32.4	9.94	12.47	63.79	1275.42
MANASSAS PARK	0.12	0	150.42	150.54	0.01	0	0	0	0.12	0.18	0.09	0.13	0	150.54
MARTINSVILLE	151.89	28.77	24.98	205.65	23.04	18.76	14.44	10.86	141.04	31.34	18.76	20.1	51.41	154.24
MATHEWS	41.21	26.01	38.52	105.74	3.16	1.98	7.47	24.2	17.01	9.46	2.01	7.51	50.55	55.18
MECKLENBURG	18205.08	8092.37	517.89	26815.33	2217.32	2027.4	4050.96	18095.34	109.73	4206.13	2075.36	4738.63	26181.13	634.2
MIDDLESEX	2393.3	2480.86	523.2	5397.36	166.16	313.46	418.15	2387.95	5.35	774.05	313.87	525.34	5211.21	186.15
MONTGOMERY	675.43	1337.16	603.96	2616.55	79.86	257.25	13.08	520.73	154.7	394.18	257.58	363.41	1831.43	785.12
NELSON	185.53	188.91	291.46	665.89	27.34	31.44	27.79	90.67	94.87	81.14	31.67	45.18	282.29	383.6
NEW KENT	541.92	420.31	466.12	1428.35	46.73	68.52	112.9	435.78	106.14	148.21	69.35	126.05	1009.06	419.29
NEWPORT NEWS	629.68	32.47	972.87	1635.02	33.99	9.65	12.42	10.29	619.39	40.63	10.15	17.34	27.49	1607.53
NORFOLK	956.43	57.46	1180.17	2194.06	42.33	16.61	37.17	82	874.43	54.8	17.27	42.64	96.34	2097.72
NORTHAMPTON	4221.75	3124.74	695.96	8042.45	363.73	114.07	534.76	3903.12	318.63	1109.96	114.56	772.6	7186.99	855.46
NORTHUMBERLAND	6523.03	4569.43	71.65	11164.1	568.02	880.94	1057.79	6478.26	44.77	1691.66	880.97	1266.17	11061.17	102.93
NORTON	410.42	168.55	50.85	629.82	49.54	9.28	109.51	408.95	1.47	115.12	9.32	109.55	577.18	52.64
NOTTOWAY	1810.05	2549.24	317.45	4676.73	244.24	522.21	151.17	1799.91	10.13	669.53	522.21	809.22	4607.64	69.09
ORANGE	717.51	2264.18	3214.96	6196.66	64.56	93.92	41.47	534.66	182.86	560.66	105.04	470.08	2814.76	3381.89
PAGE	61.05	391.09	303.32	755.46	6.24	14.4	3.46	47.92	13.13	111.66	14.52	70.63	624.89	130.57
PATRICK	88.07	8.31	81.73	178.11	9.1	9.19	9.84	69.52	18.55	9.96	9.23	11.52	72.03	106.08
PETERSBURG	183.62	341.52	207.03	732.17	33.61	6.15	14.38	38.34	145.28	73.08	6.23	87.16	350.03	382.14
PITTSYLVANIA	4063.06	5434.99	500.86	9998.9	476.14	1043.84	524.59	4047.85	15.21	1770.24	1046.67	1543.11	9702.66	296.25
POQUOSON	11.17	1.07	47.34	59.57	1.7	0.47	0.29	0	11.17	1.84	0.51	0.34	0.05	59.52
PORTSMOUTH	55.97	8.85	371.48	436.29	2.95	0.93	0.9	0	55.97	5.31	1.12	2.04	0	436.29

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POWHATAN	176.88	199.06	138.91	514.85	12.29	20.5	56.58	147.31	29.57	58.83	20.56	91.07	270.36	244.48
PRINCE EDWARD	2795.56	11519.28	317.79	14632.62	299.93	1223.62	66.27	2774.07	21.49	2960.87	1223.88	2423.63	14365.98	266.64
PRINCE GEORGE	514.53	862.48	392.87	1769.87	54.09	57.12	138.49	505.8	8.73	448.79	57.29	178.52	1368.31	401.57
PRINCE WILLIAM	2418.75	799.47	22906.35	26124.57	156.36	181.77	53.4	419.48	1999.27	286.69	184.36	124.15	1060.71	25063.86
PULASKI	361.19	737.99	176.18	1275.36	57.26	135.18	19.25	268.5	92.69	214.47	135.22	179.61	947.54	327.82
RADFORD	48.43	0.2	183.41	232.05	6.41	5.23	5.33	0	48.43	6.65	5.37	5.5	0	232.05
RAPPAHANNOCK	8.43	14.42	125.17	148.01	1.07	2.45	0.23	6.2	2.22	5.58	2.93	4.04	116.49	31.52
RICHMOND CITY	3056.19	3747.04	1451.47	8254.69	512.41	815.78	165.95	1491.73	1564.45	1285.2	816.63	988.23	5518.08	2736.61
RICHMOND COUNTY	4488.36	11849.77	1806.62	18144.75	410.21	729.74	659.12	4416.52	71.84	2791.67	745.01	2264.9	16384.14	1760.61
ROANOKE CITY	1024.42	383.06	1388.8	2796.28	93.23	62.2	31.48	618.2	406.22	203.76	63	99.18	1382.72	1413.56
ROANOKE COUNTY	2717.17	200.97	378.09	3296.23	466.52	343.39	300.73	1108.09	1609.09	501.58	354.7	348.51	1395.46	1900.77
ROCKBRIDGE	44.79	226.39	266.06	537.23	7.65	19.5	0.02	42.72	2.08	72.78	19.62	25.93	270.14	267.09
ROCKINGHAM	3183.85	12853.11	4768.27	20805.23	375.68	387.77	153.47	1224.88	1958.96	3892.2	391.75	1473.5	15855.71	4949.52
RUSSELL	1533.64	1844.01	275.75	3653.4	250.76	255.95	211.68	1533.48	0.16	592.25	255.98	730.56	3575.89	77.51
SALEM	50.4	59.26	305.31	414.97	3.73	2.3	1.66	3.09	47.31	12.98	2.48	7.09	16.12	398.85
SCOTT	208.66	77.39	50.42	336.47	18.54	31.18	55.35	208.1	0.55	48.59	31.2	56.11	287.88	48.59
SHENANDOAH	643.2	7435.01	468.22	8546.44	73.29	183.45	70.97	623.26	19.94	2013.98	184.72	884.41	8226.84	319.6
SMYTH	766.67	2094.38	129.64	2990.69	130.92	306.03	23.05	761.56	5.11	627.66	306.13	562.68	2880.58	110.11
SOUTH BOSTON	17.08	0	148.34	165.42	4.17	1	2.1	0	17.08	4.36	1.11	2.24	0	165.42
SOUTHAMPTON	15377.64	21482.06	3311.42	40171.11	1779.64	1596.55	3860.17	15316.05	61.58	5030.77	1596.55	4657.59	40107.76	63.35
SPOTSYLVANIA	2283.1	204.33	1419.8	3907.23	124.33	103.34	81.32	2001.11	281.99	173.7	104.13	83.25	2138.52	1768.71
STAFFORD	499	182.06	1007.75	1688.81	54.29	43.07	73.36	319.17	179.83	105.84	43.59	76.87	484.01	1204.8
STAUNTON	1901.95	6598.27	1003.29	9503.51	256.69	395.33	177.53	1885.14	16.82	2299.04	395.6	990.29	9028.58	474.93
SUFFOLK	7691.99	5608.49	1854.49	15154.97	863.43	791.03	1655.23	7626.78	65.21	2264.17	791.27	2060.16	14636.34	518.63
SURRY	553.77	350.68	18.72	923.17	68.43	87.54	88.81	541.92	11.84	171.09	87.57	89.25	898.84	24.32
SUSSEX	47420.74	3587.94	86.58	51095.26	1645.34	1588.66	1726.47	7576.89	39843.85	2515.87	1588.66	1919.68	11207.44	39887.82
TAZEWELL	466.61	838.49	363.13	1668.22	75.93	155.56	26.35	457.53	9.08	273.1	155.82	270.65	1295.77	372.45
UNKNOWN	1986.25	2453.95	819.3	5259.49	190.73	279.91	366.96	1674.27	311.97	748.06	279.99	656.46	4117.18	1142.31
VIRGINIA BEACH	4566.25	2851.43	5333.68	12751.36	665.41	235.61	541.36	2980.43	1585.81	1303.74	273.53	1061.85	7802.08	4949.28
WARREN	155.56	282.05	549.74	987.35	14.57	25.1	8.32	42.19	113.37	69.99	32.72	71.56	373.69	613.66
WASHINGTON	961.12	1814.5	371.47	3147.09	162.24	386.54	11.1	832.52	128.6	548.91	386.79	551.29	2644.07	503.03
WAYNESBORO	145	161.3	443.28	749.58	7.71	11.22	2.7	19.02	125.98	44.36	11.54	39.7	178.2	571.39
WESTMORELAND	1987.02	2219.32	34.53	4240.87	196.45	241.6	360.68	1870.14	116.87	786.98	241.61	380.63	4103.9	136.97
WILLIAMSBURG	86.01	4.8	356.06	446.87	2	0.12	1.87	5.01	81	2.97	0.34	2.2	5.19	441.69

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WINCHESTER	743.9	520.39	471.72	1736.02	49.62	49.6	48.57	0	743.9	68.05	49.97	49.08	0	1736.02
WISE	69.51	2.07	176.71	248.29	10.81	11.84	11.95	66.15	3.36	11.86	11.97	12.13	67.16	181.13
WYTHE	3076.12	2401.57	5635.57	11113.26	519.82	584.14	550.7	3029.67	46.45	981.22	584.24	1104.33	10927.65	185.61
YORK	113.93	15.9	113.62	243.45	14.45	6.52	5.01	9.45	104.48	18.69	6.63	5.36	17.75	225.7
Total	274553.18	441015.97	237943.78	953512.93	28905.6	34132.21	30775.57	192328.47	82224.72	144483.45	34886.15	67592.5	735536.84	217976.09