

TOTAL FERTILIZER AND NUTRIENT TONNAGE BY COUNTY FISCAL YEAR 2018

County Name	Total Multiple-Nutrient Fertilizer	Total Single-Nutrient Fertilizer	Total All Other	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)
ACCOMACK	4922.86	5923.51	2583.74	13430.1	669.98	315.22	806.87	4828.89	93.96	2220.04	318.18	1078.84	12753.95	676.15
ALBEMARLE	1463.37	2386.73	1767.38	5617.48	200.31	365.95	39.56	1127.28	336.08	663.28	373.92	763.47	3495.67	2121.8
ALEXANDRIA	266.4	66.94	722.88	1056.21	10.58	2.66	3.11	0.35	266.05	12.79	2.98	3.82	4.7	1051.51
ALLEGHANY	49.06	108.46	38.72	196.24	8.23	12.89	4.99	43.69	5.37	28.08	15.26	26.48	159.76	36.48
AMELIA	2034.64	560.49	2022.38	4617.5	166.56	122.44	180.02	2025.64	8.99	291.82	122.57	180.1	2702.62	1914.88
AMHERST	179.74	246.25	1265.79	1691.78	25.55	21.23	14.92	100.41	79.33	87.83	26.13	41.92	336.88	1354.9
APPOMATTOX	728.4	1609.8	1588.51	3926.7	118.79	282	16.5	682.71	45.7	468.72	282.05	350.47	2288.8	1637.9
ARLINGTON	157.24	22.61	42.98	222.82	9.84	3.71	2	1.99	155.24	13.3	3.73	5.5	8.15	214.68
AUGUSTA	1300.74	11371.35	686.46	13358.54	161.8	264.27	100	836.7	464.03	2156.27	264.9	759.21	12379.39	979.14
BATH	42.64	88.36	5.18	136.18	7.53	8.55	4.04	26.3	16.34	23.06	8.55	33.14	111.68	24.5
BEDFORD CITY	1824.92	3123.57	183.23	5131.72	326.04	832.2	2.09	1814.18	10.74	326.67	832.55	1876.83	4937.75	193.97
BEDFORD COUNTY	2776.53	11522.36	69209.13	83508.02	444.04	905.33	138.13	2615.56	160.97	4896.2	905.68	508.93	75998.87	7509.15
BLAND	719.27	363.15	1.21	1083.62	116.91	148.7	137.17	716.74	2.53	200.3	148.7	235.11	1079.92	3.7
BOTETOURT	1357.28	1784.46	1005.38	4147.12	199.51	348.09	43.79	788.92	568.36	578.76	354.24	595.09	2549.78	1597.33
BRISTOL	912.21	8.98	360.8	1281.98	160.96	159.93	159.33	865.48	46.73	163.59	160.32	160.42	894.5	387.48
BRUNSWICK	109.65	34.67	118.95	263.28	9.95	11.1	12.12	93.14	16.51	20.39	11.35	12.44	126.04	137.24
BUCHANAN	21.03	3.5	54.44	78.97	1.95	2.21	2.22	18.75	2.28	3	2.45	2.25	19.25	59.72
BUCKINGHAM	250.3	275.04	215.99	741.33	35.37	57.92	13.6	236.79	13.51	103.26	58.04	89.95	512.25	229.08
BUENA VISTA	0.22	0.92	8	9.15	0.04	0.1	0	0.22	0	0.2	0.1	0.2	1.15	8
CAMPBELL	316.69	261.54	1075.43	1653.66	45.2	47.02	32.72	287.63	29.06	124.69	47.06	56.62	555.48	1098.19
CAROLINE	9981.13	7205.34	644.72	17831.19	606.25	543.93	342.58	9966.56	14.57	2148.31	549.75	993.31	17796.09	35.1
CARROLL	4186.89	6331.36	440.22	10958.48	636.3	1446.55	255.99	4172.19	14.71	1748.21	1447.08	2236.25	10665.58	292.9
CHARLES CITY	2251.01	2982.45	139.82	5373.28	239.47	340.1	357.86	2199.45	51.57	892.19	340.1	534.52	5310.57	62.72
CHARLOTTE	877.1	149.63	2158.66	3185.4	102.03	85.89	87.73	694.69	182.41	130.02	86.35	107.7	854.14	2331.26
CHARLOTTESVILLE	425.87	111.89	116.4	654.16	63.36	47.87	39.18	23.16	402.71	73.98	52.6	76.5	114.09	540.07
CHESAPEAKE	3198.73	3833.73	2012.32	9044.78	521.94	272.06	490.1	1902.56	1296.17	1626.72	274.87	653.98	5538.43	3506.36
CHESTERFIELD	3945.82	574.76	3556.29	8076.86	608.9	315.82	335.95	122.67	3823.15	806.13	323.22	353.66	576.87	7499.99
CLARKE	174.8	641.07	429.94	1245.81	28.56	54.87	4.64	121.14	53.66	160.3	58.32	103.91	911.69	334.12
COLONIAL HEIGHTS	24.42	-0.32	303.83	327.93	-0.68	0.36	-0.05	0	24.42	-0.5	0.53	0.17	0	327.93

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COVINGTON	30.37	25.49	13.25	69.11	4.87	2.87	1.44	5.94	24.43	9.44	2.87	4.83	19.48	49.63
CRAIG	113.35	161.75	0.08	275.18	20.33	51.82	0.12	113.3	0.05	50.61	51.82	54.21	275.13	0.05
CULPEPER	1872.05	3446.77	4456.35	9775.17	205.89	620.84	76.28	1659.25	212.81	756.66	626.2	1054.91	5135.61	4639.57
CUMBERLAND	168.48	0.91	19.64	189.03	10.27	5.48	0.95	157.74	10.75	10.62	5.49	1.07	158.64	30.39
DANVILLE	85.74	3.91	438.59	528.23	10.13	2	4.22	0.33	85.41	11.25	2.36	5.32	2.06	526.17
DICKENSON	93.81	176.61	39.37	309.78	12.11	16.31	11.59	92.65	1.16	37.54	16.61	48.28	266.25	43.52
DINWIDDIE	5464.52	1352.49	1782.22	8599.23	524.67	443.97	641.14	2404.44	3060.09	864.57	444.84	657.3	4285.07	4314.15
EMPORIA	32.25	24.28	2.59	59.12	5.58	7.02	0.49	31.65	0.6	11.97	7.03	0.49	55.93	3.19
ESSEX	4744.01	6152.33	442.55	11338.89	347.22	472	659.23	4673.43	70.58	2025.36	472.21	787.19	11030.23	308.66
FAIRFAX CITY	515.52	67.96	710.35	1293.83	31.28	3.84	8.74	0	515.52	35.88	4.31	16.54	0	1293.83
FAIRFAX COUNTY	5541.8	1773.31	4832.18	12147.28	646.77	327.11	217.85	516.22	5025.58	1011.84	330.8	396.68	1753.14	10394.14
FALLS CHURCH	209.63	2.48	630.99	843.09	9.27	0.27	1.75	0	209.63	10.31	0.6	2.2	0	843.09
FAUQUIER	3283.5	6995.69	515.45	10794.64	294.08	943.03	18.81	3004.88	278.62	1873.63	943.78	1350.83	10015.11	779.54
FLOYD	2015.25	1261.26	583.38	3859.89	280.18	533.85	209.98	1999.91	15.34	438.78	535.17	707.96	3268.7	591.19
FLUVANNA	60.49	58.34	1165.83	1284.66	12.16	6.67	8.73	36.24	24.25	15.6	6.71	39.02	93.57	1191.09
FRANKLIN CITY	189	220.02	533.97	942.98	20.52	22.83	32.58	163.13	25.87	63.65	23.03	59.08	662.16	280.82
FRANKLIN COUNTY	3107.77	4554.3	437.71	8099.77	487.01	859.5	262.32	3061.26	46.5	1707	859.9	1043.46	7609.91	489.86
FREDERICK	7503.27	2352.4	2803.63	12659.3	1376.02	292.35	286.6	822.91	6680.36	1846.77	300.48	452.28	2938.46	9720.84
FREDERICKSBURG	305.88	16.86	695.97	1018.71	41.64	11.04	14.58	18.89	286.99	45.86	11.55	16.52	27.74	990.96
GALAX	30.43	2.38	314.71	347.52	3.09	0.5	1.02	0	30.43	3.97	0.75	1.54	0	347.52
GILES	462.58	675.58	23.61	1161.76	81.61	201.63	3.97	450.89	11.68	190.88	201.64	245.81	1128.09	33.67
GLOUCESTER	1161.29	620.41	621.67	2403.36	87.68	145.67	244	1082.31	78.99	238.7	147.03	279.27	1775.74	627.63
GOOCHLAND	787.76	853.01	211.16	1851.93	117.29	223.27	47.9	720.74	67.02	267.57	223.99	332.64	1562.53	289.4
GRAYSON	2239.55	2755.92	18.63	5014.09	398.69	994.25	16.85	2235.99	3.56	844.55	1004.84	861.62	4993.33	20.76
GREENE	47.25	11.26	26239.91	26298.42	6.29	2.94	1.63	3.92	43.33	7.85	3.27	5.74	14.2	26284.22
GREENSVILLE	1055.42	3007.79	1176.63	5239.84	124.65	298.79	121.88	1055.42	0	571.19	298.79	869.92	5239.84	0
HALIFAX	4076.16	1233.38	966.98	6276.52	494.18	521.2	684.02	3944.5	131.65	811.04	522.05	729.53	5779.88	496.64
HAMPTON	185.44	13.39	747.67	946.5	23.88	3.04	6.21	16.5	168.94	27.2	3.57	7.06	25.19	921.31
HANOVER	9529.77	4037.41	2243.45	15810.64	1162.89	927.06	1549.49	8508.71	1021.07	2151.77	933.61	1725.98	12778.18	3032.46
HARRISONBURG	371.58	102.7	785.95	1260.23	25.79	12.74	14.48	11.1	360.48	50.75	14.17	23.3	101.02	1159.21

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HENRICO	1297.94	1969.21	1857.21	5124.37	187.75	63.72	90.52	492.06	805.89	385.18	66.79	773.01	2381.96	2742.41
HENRY	1441.43	202.27	182.5	1826.21	190.76	198.02	225.83	1340.42	101.02	248.64	199.18	232.08	1507.11	319.1
HIGHLAND	9.13	47.99	219.94	277.06	1.59	3.83	0.19	9.09	0.04	15.24	4.93	7.77	57.2	219.86
HOPEWELL	4.15	50.86	43.04	98.05	0.18	0.16	0.18	0	4.15	11.23	0.18	0.22	50.86	47.19
ISLE OF WIGHT	4937.92	6539.11	433.18	11910.21	628.37	606.81	1119.52	4818.27	119.65	2212.54	607.49	1692.84	11516.42	393.79
JAMES CITY	299.11	99.61	490.08	888.81	29.66	16.26	26.06	72.08	227.03	56.73	16.67	29.36	119.01	769.8
KING AND QUEEN	5151.63	10599.58	1724.52	17475.73	446.89	687	693.82	5126.07	25.56	2597.45	687.17	1879.31	17450.17	25.56
KING GEORGE	811.01	532.8	68.89	1412.7	71.4	117	158.2	748.54	62.47	200.52	118.14	215.88	1217.51	195.19
KING WILLIAM	7517.95	21916.5	4698.94	34133.39	702.16	2233.87	446.23	7403.13	114.83	4952.52	2337.7	4490.8	33955.33	178.06
LANCASTER	792.74	1456.24	136.8	2385.79	68.18	101.9	104.22	746.59	46.15	432.99	101.98	139.47	2205.72	180.07
LEE	2700.11	133.58	6.14	2839.83	366.24	485.21	549.81	2421.51	278.6	410.49	485.22	557.42	2555.11	284.72
LEXINGTON	12.47	19.76	208.64	240.87	1.73	1.39	0.92	4.73	7.74	8.52	1.56	3.48	24.46	216.41
LOUDOUN	2881.37	3715.17	3717.98	10314.51	317.52	125.82	96.76	383.54	2497.83	1199.74	256.04	336.75	4521.95	5792.56
LOUISA	1316.88	1574.94	117.88	3009.69	104.93	169.41	14.57	1246.63	70.25	491.52	169.48	245.4	2827.68	182.01
LUNENBURG	1378.69	13.05	3429.54	4821.28	72.64	68.19	73.89	239.55	1139.13	268.11	132.89	138.67	244.37	4576.9
LYNCHBURG	273.97	44.03	1523.61	1841.61	36.97	11.61	13.08	37.81	236.16	47.65	12.04	14.22	48.23	1793.38
MADISON	1148.91	2943.81	98.19	4190.9	122.14	352.86	10.09	1144.91	4	677.87	353.04	542.17	4113.27	77.63
MANASSAS	431.2	20.71	566.39	1018.3	41.42	3.98	10.06	0	431.2	44.32	4.36	10.8	0	1018.3
MANASSAS PARK	44.49	0.9	88.42	133.8	2.47	0.08	0.56	0	44.49	2.7	0.14	0.64	0	133.8
MARTINSVILLE	22.59	57.31	190.66	270.56	3.26	3.83	0.38	8.09	14.49	18.54	3.96	12.54	65.4	205.16
MATHEWS	106.91	58.93	15.48	181.31	11.27	8.1	11.46	84.4	22.51	28.67	8.11	11.47	143.34	37.97
MECKLENBURG	14871.17	7079.8	549.53	22500.5	1729.92	1863.87	3319.87	14725.96	145.22	3178.02	1947.77	3919.56	21996.22	504.28
MIDDLESEX	1291.36	1513.35	527.57	3332.28	105.11	169.67	200.9	1181.1	110.26	423.58	169.78	341.57	3177.16	155.12
MONTGOMERY	1133.11	2151.98	611.34	3896.43	186.32	396.44	42.97	985.76	147.34	669.13	397.02	598.53	3140.59	755.84
NELSON	141.51	44.43	183.43	369.37	21.57	16.59	17.54	56.55	84.97	34.76	16.91	23.58	104.45	264.91
NEW KENT	184.54	66.5	54.17	305.21	24.08	19.53	29.28	144.3	40.24	27.38	19.59	37.7	208.53	96.68
NEWPORT NEWS	523.74	33.11	926.01	1482.86	62.89	8.16	16.24	7.89	515.85	66.7	8.84	19.81	8.93	1473.93
NORFOLK	443.07	66.93	852.36	1362.36	50.79	18.76	38.6	97.99	345.09	57.77	19.36	42.19	108.47	1253.89
NORTHAMPTON	6749.42	2776.42	415.34	9941.18	716.11	177.5	1031.1	6365.18	384.24	1375.59	182.54	1204.94	9152.48	788.7
NORTHUMBERLAND	7098.01	3052.75	128.53	10279.3	447.32	779.56	812.85	7069.13	28.89	1106.69	779.66	1085.98	10129.15	150.15

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NORTON	1.8	77.52	36.21	115.53	0	0	0	0	1.8	4.51	0.02	38.18	77.52	38.01
NOTTOWAY	3131.02	4107.6	24.23	7262.86	364.33	589.63	398.2	3116.35	14.68	1254.99	589.64	1202.48	7229.75	33.11
ORANGE	3222.1	5244.47	5465.69	13932.25	401.11	684.74	62.35	3078.37	143.73	1600.03	685.71	929.58	8345.37	5586.88
PAGE	991.72	1499.32	86.17	2577.21	92.17	102.89	119.85	973.75	17.98	441.62	102.93	355.17	2481.88	95.33
PATRICK	220.54	1.07	98.96	320.57	27.07	24.38	29.07	189.1	31.44	27.58	24.52	29.18	190.15	130.42
PETERSBURG	707.27	1494	162.38	2363.65	82.84	266.33	21.81	582.17	125.1	295.37	267.31	478.41	2066.74	296.91
PITTSYLVANIA	7131.39	5519.82	107.82	12759.03	924.6	1551.7	898.48	6952.59	178.79	2185.61	1562.73	2011.35	12471.18	287.85
POQUOSON	18.9	0.67	30.93	50.51	2.19	0.55	0.39	0	18.9	2.28	0.57	0.43	0	50.51
PORTSMOUTH	58.68	24.67	289.77	373.12	8.75	4.71	1.62	0	58.68	13.37	4.94	2.81	0	373.12
POWHATAN	1073.45	16.93	48.56	1138.94	225.58	119.03	137.8	22.05	1051.4	229.23	119.05	138.06	44.05	1094.89
PRINCE EDWARD	2608.02	7061.38	415.61	10085	391.12	947.87	53.46	2371.04	236.98	1523.73	948.23	1883.75	9436.65	648.35
PRINCE GEORGE	2663.56	587.52	2802.81	6053.89	396.28	179.11	271.94	1071.41	1592.15	565.99	183.36	278.2	1886.34	4167.55
PRINCE WILLIAM	3846.89	439.61	2706.65	6993.15	231.19	117.84	69.26	206.71	3640.17	288.5	122.8	126.3	399.72	6593.43
PULASKI	359.3	398.1	245.96	1003.36	63.54	83.51	10.64	176.64	182.66	129.69	83.66	147.62	568.97	434.39
RADFORD	64.77	0.64	93.19	158.59	11.5	3.6	4.75	0.08	64.69	11.77	3.67	4.9	0.18	158.41
RAPPAHANNOCK	113.8	245.51	62.34	421.65	13.96	47.14	4.77	96.03	17.76	54.15	47.3	89.95	362.11	59.54
RICHMOND CITY	916.93	132.41	1594.64	2643.98	154.62	39.99	67.54	59.3	857.63	181.37	41.05	75.02	94.3	2549.68
RICHMOND COUNTY	7426.29	15945.25	148.68	23520.22	687.37	1512.63	618.46	7085.81	340.49	4437.02	1512.76	2438.59	23111.58	408.64
ROANOKE CITY	691.91	50.12	1247.79	1989.81	110.59	40.57	55.36	10.57	681.35	122.39	41.58	61.75	27.07	1962.74
ROANOKE COUNTY	4225.53	1031.76	146.03	5403.32	727.6	395.74	479.12	732.72	3492.8	981.03	408.42	623.38	1543.29	3860.02
ROCKBRIDGE	480.78	2099.29	146.24	2726.31	83	199.3	5.13	459.37	21.42	578.41	199.39	491.08	2559.37	166.94
ROCKINGHAM	4291.47	10890.6	3398.66	18580.74	500.97	286.73	212.8	1174.93	3116.55	3422.01	291.03	1566.21	13477.17	5103.57
RUSSELL	1419.02	1898.56	141.12	3458.69	231.79	495.1	103.84	1415.48	3.54	613.08	495.11	744.07	3317.44	141.26
SALEM	46.84	53.82	380.7	481.36	1.57	1.24	0.32	0.61	46.23	7.78	1.52	3.7	5.11	476.25
SCOTT	423.27	302.46	15.03	740.76	60.37	66.06	66.44	420.1	3.17	73.75	66.07	158.11	721.1	19.66
SHENANDOAH	1837.88	6605.66	1985.9	10429.43	278.55	639.13	97.78	1812.03	25.85	1659.62	672.58	1768.23	8468.15	1961.27
SMYTH	785.69	1184.85	52.41	2022.94	128.88	235.01	37.3	764.37	21.32	300.85	235.03	509.48	1973.03	49.91
SOUTH BOSTON	39.38	0.44	302.31	342.13	8.44	2.29	4.6	0	39.38	9.09	2.57	5	1.1	341.03
SOUTHAMPTON	13312.6	15099.56	18147.61	46559.76	1525.13	1269	3333.53	13309.37	3.22	4632.26	1297.93	5198.98	45894.55	665.21
SPOTSYLVANIA	651.04	284.21	851.12	1786.36	66.87	48.1	47.74	186.51	464.53	102.26	48.77	148.58	449.27	1337.1

County Name	Total Multiple-Nutrient Fertilizer	Total Single-Nutrient Fertilizer	Total All Other	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)
STAFFORD	546.95	520.01	1072.5	2139.45	64.57	47.02	23.42	135.6	411.35	185.75	48.15	74.08	623.65	1515.8
STAUNTON	1156.2	15507.91	644	17308.1	209.59	492.71	3.52	1104.98	51.22	4869.34	493.04	1132.89	16867.92	440.19
SUFFOLK	8126	7362.06	11181.49	26669.55	1034.68	1111.32	1376.29	7876.5	249.49	2698.32	1114.35	2236.09	25899.39	770.16
SURRY	1543.89	952.48	234.68	2731.04	188.96	217.04	280.65	1541.67	2.22	393.61	218	352.57	2506.67	224.38
SUSSEX	9351.3	7092.78	36727.04	53171.12	1117.04	1104.1	2044.69	9350.43	0.87	2663.02	1104.1	2629.16	21398.55	31772.57
TAZEWELL	1031.71	1016.46	607.09	2655.26	158.3	283.08	85.33	987.25	44.46	330.38	283.56	471.7	2051.28	603.99
UNKNOWN	2765.72	321.01	3183.98	6270.7	500.11	14.03	137.27	2726.9	38.82	548.88	17.53	203.96	3019	3251.71
VIRGINIA BEACH	4292.93	1746.45	2541.43	8580.8	695.81	292.4	585.96	2347.1	1945.83	1133.73	294.06	608.52	4016.62	4564.19
WARREN	368.51	928.81	616.56	1913.88	61.06	114.42	5.7	236.74	131.77	260.92	130.5	190.14	1370.59	543.29
WASHINGTON	3466.93	3162.94	511.51	7141.39	613.16	956.56	341.85	3212.04	254.89	1240.59	968.09	1334.63	6380	761.39
WAYNESBORO	103.18	10.38	466.12	579.67	11.97	2.11	2.59	6.39	96.78	15.35	2.5	4.14	16.35	563.33
WESTMORELAND	1482.23	1505.07	2.18	2989.49	132.59	187.15	231.09	1404.33	77.9	504.79	187.15	279.7	2911.58	77.91
WILLIAMSBURG	151.15	7.45	281.26	439.86	18.65	5.28	7.42	28.1	123.05	21.21	5.46	7.76	33.17	406.69
WINCHESTER	380.88	36.39	1602.93	2020.2	27.06	7.72	10.38	2.45	378.43	33.3	7.82	10.75	20.02	2000.18
WISE	17.99	3.24	251.43	272.66	3.01	0.91	1.35	4.4	13.59	3.86	1.11	1.58	6.4	266.26
WYTHE	3717.41	2383.86	8229.35	14330.62	621.13	777.84	661.85	3654.72	62.7	1150.34	777.98	1221.96	14121.57	209.06
YORK	104.9	48.08	83.96	236.95	19	6.19	5.34	10.15	94.75	22.49	6.24	7.11	10.18	226.77
Total	266169.03	297237.74	279752.52	843159.29	32421.62	39255.79	30950.76	210964.46	55204.57	99036.43	39899.48	74504.82	625166.35	217992.95