

2019 AG Dept. Vehicle Data

Vehicle #	Description	Gallons	Miles	Real MPG	2019 LBS of CO2 ²
22	2000 ASTRO MINI CARGO VAN (W&M)	265.4	4065	15.3165	5195.1758
23	2000 DODGE DAKOTA (AG:Lettuce Insp)	127.6	2033	15.9326	2497.7559
313	2013 FORD C-MAX HYBRID (MVC Admin)	58.1	1976	34.01033	1137.3011
319	2003 FORD TAURUS WAGON FLEX FUEL (AG)	89	1506 Retired	16.92135	1742.1652
325	2003 FORD TAURUS WAGON FLEX FUEL (AG)	212.9	4714	22.14185	4167.4941
327	2003 FORD TAURUS WAGON FLEX FUEL (AG)	13.2	250 Retired	18.93939	258.3885
403	2004 CHEVY SILVERADO EXT CAB P/U (AG)	705.5	10140	14.37279	13810.0848
405	2014 FORD FOCUS FLEX FUEL (AG)	139.55	4532	32.47582	2731.6759
496	1994 FORD RANGER P/U (STATE OWNED VEHICLI	249.4	4030 Replacing next	16.15878	4881.9775
517	2015 TOYOTA TACOMA PICKUP (MVC)	173.9	3383	19.45371	3404.0733
611	2006 CHEVY COLORADO (MVC)	309.4	4887	15.79509	6056.4709
616	2006 CHEVY COLORADO PICKUP 4X4 (MVC)	311.3	4045 Consider stand	12.9939	6093.6632
617	2006 CHEVY COLORADO PICKUP 4X4 (MVC)	294.5	4327 Replacing next	14.6927	5764.8051
619	2006 CHEVY COLORADO (MVC)	115.5	1585 Consider stand	13.72294	2260.8998
623	2006 CHEVY SILVERADO 4X4 PICKUP (AG)	288.05	4542	15.7681	5638.5470
701	2007 CHEVY SILVERADO 4X4 PICKUP (AG)	274.5	3315	12.0765	5373.3073
703	2017 TOYOTA TACOMA (MVC)	383.2	7707	20.11221	7501.0978
742	2007 CHEVY COLORADO (W&M)	248.3	4682	18.85622	4860.4452
791	2017 TOYOTA TACOMA (MVC)	275.5	5249	19.05263	5392.8822
814	2018 CHEVROLET SILVERADO 1500 (AG)	263.8	4726	17.91509	5163.8559
815	2018 CHEVROLET SILVERADO 2500 (MVC)	894.15	10405	11.63675	17502.8878
900	2009 FORD RANGER (AG)	353.2	7281	20.61438	6913.8511
901	2009 FORD RANGER (AG)	413	7169	17.35835	8084.4295
902	2009 FORD RANGER (AG)	218.9	4992	22.80493	4284.9434
972	1999 GMC PICKUP (AG)	203.4	5295	26.03245	3981.5326
856	2018 TOYOTA PRIUS (AG)	66.4	3226 Replaced 325	48.58434	1299.7727
858	2018 TOYOTA PRIUS (AG)	142.05	7607 Replaced 327	53.55157	2780.6131
		7089.7	127669	18.00767	138780.0967
		Total Gallons	Total Miles	AVG MPG	Total LBS CO2

2020 AG Dept. Vehicle Data

Vehicle #	Description	Gallons	Miles	Real MPG	2020 LBS CO2 ²
13	2019 TOYOTA TACOMA 4X4 (MVC)	208	3283	Replaced 617 15.784	4071.577
22	2000 ASTRO MINI CARGO VAN (W&M)	261.8	4047	15.458	5124.706
23	2000 DODGE DAKOTA (AG:Lettuce Insp)	92.1	1480	16.069	1802.847
103	2021 CHEVY COLORADO (AG)	7.3	156	Replaced 496 21.370	142.897
313	2013 FORD C-MAX HYBRID (MVC Admin)	17.6	903	51.307	344.518
325	2003 FORD TAURUS WAGON FLEX FUEL (AG)	101.5	2548	25.103	1986.851
403	2004 CHEVY SILVERADO EXT CAB P/U (AG)	601.65	10056	16.714	11777.232
405	2014 FORD FOCUS FLEX FUEL (AG)	158.3	5357	33.841	3098.705
517	2015 TOYOTA TACOMA PICKUP (MVC)	132.4	2383	17.998	2591.715
611	2006 CHEVY COLORADO (MVC)	63.8	975	15.282	1248.878
616	2006 CHEVY COLORADO PICKUP 4X4 (MVC)	292.95	4205	Consider Stand 14.354	5734.464
619	2006 CHEVY COLORADO (MVC)	121.5	1600	Consider Stand 13.169	2378.349
623	2006 CHEVY SILVERADO 4X4 PICKUP (AG)	197.5	3810	19.291	3866.041
703	2017 TOYOTA TACOMA (MVC)	381.3	8860	23.236	7463.906
742	2007 CHEVY COLORADO (W&M)	207.5	3437	16.564	4061.790
791	2017 TOYOTA TACOMA (MVC)	349.2	7205	20.633	6835.552
814	2018 CHEVROLET SILVERADO 1500 (AG)	343.4	6535	19.030	6722.017
815	2018 CHEVROLET SILVERADO 2500 (MVC)	911.45	11198	Replaced 701 12.286	17841.533
900	2009 FORD RANGER (AG)	467.2	10113	21.646	9145.389
901	2009 FORD RANGER (AG)	344.3	6180	17.949	6739.635
902	2009 FORD RANGER (AG)	312.45	6264	20.048	6116.174
972	1999 GMC PICKUP (AG)	217.35	4451	20.478	4254.602
856	2018 TOYOTA PRIUS (AG)	124.8	6062	Replaced 325 48.574	2442.946
858	2018 TOYOTA PRIUS (AG)	151.85	8421	Replaced 327 55.456	2972.447
		6067.2	119529	19.701	118764.772
		Total Gallons	Total Miles	AVG MPG	Total LBS CO2

Vehicle #	2019 CO2 LBS	2020 CO2 LBS		
13	0	4071.577	100.00%	Replaced 617
22	5195.1758	5124.706	-1.36%	
23	2497.7559	1802.847	-27.82%	
103	0	142.897	100.00%	Replaced 496
313	1137.3011	344.518	-69.71%	No conferences
319	1742.1652	0.000	Null	Retired
325	4167.4941	1986.851	-52.33%	
327	258.3885	0.000	Null	Retired
403	13810.0848	11777.232	-14.72%	
405	2731.6759	3098.705	13.44%	
496	4881.9775	0.000	Null	Retired
517	3404.0733	2591.715	-23.86%	
611	6056.4709	1248.878	-79.38%	Only 1 Aide Hired
616	6093.6632	5734.464	-5.89%	
617	5764.8051	0	Null	Replaced by 013
619	2260.8998	2378.349	5.19%	
623	5638.5470	3866.041	-31.44%	
701	5373.3073	0.000	Null	Replaced by 815
703	7501.0978	7463.906	-0.50%	
742	4860.4452	4061.790	-16.43%	
791	5392.8822	6835.552	26.75%	
814	5163.8559	6722.017	30.17%	
815	17502.8878	17841.533	1.93%	
900	6913.8511	9145.389	32.28%	
901	8084.4295	6739.635	-16.63%	
902	4284.9434	6116.174	42.74%	Became Pest Trapper Truck
972	3981.5326	4254.602	6.86%	
856	1299.7727	2442.946	87.95%	Replaced during 2019 season.
858	2780.6131	2972.447	6.90%	
CO2 Total	138780.0967	118764.772	-14.42%	
Total Miles	127669	119529	-6.38%	
CO2 LBS/MILE	1.087030498	0.993606337	-8.59%	

Standardized Measurement

Goal: Reduce CO2 Emissions by 10% from 2018

2018-2020		
161547.651	118764.772	-26.48%
2018 CO2	2020 CO2	
139680	119529	-14.43%
2018 Miles	2020 Total	
1.156555349	0.993606337	-14.09%
2018 CO2/Mile	2020 CO2/Mile	



[1. The emission factor for gasoline \(8887 g CO2/gallon gasoline\) is from the calculations that vehicle manufacturers use to measure fuel economy \(40 CFR 600.114-12, September 2011\). Source: EPA](#)

2. gallons used x conversion factor of 8,887 grams of CO2 per gallon)/454 grams per lb