

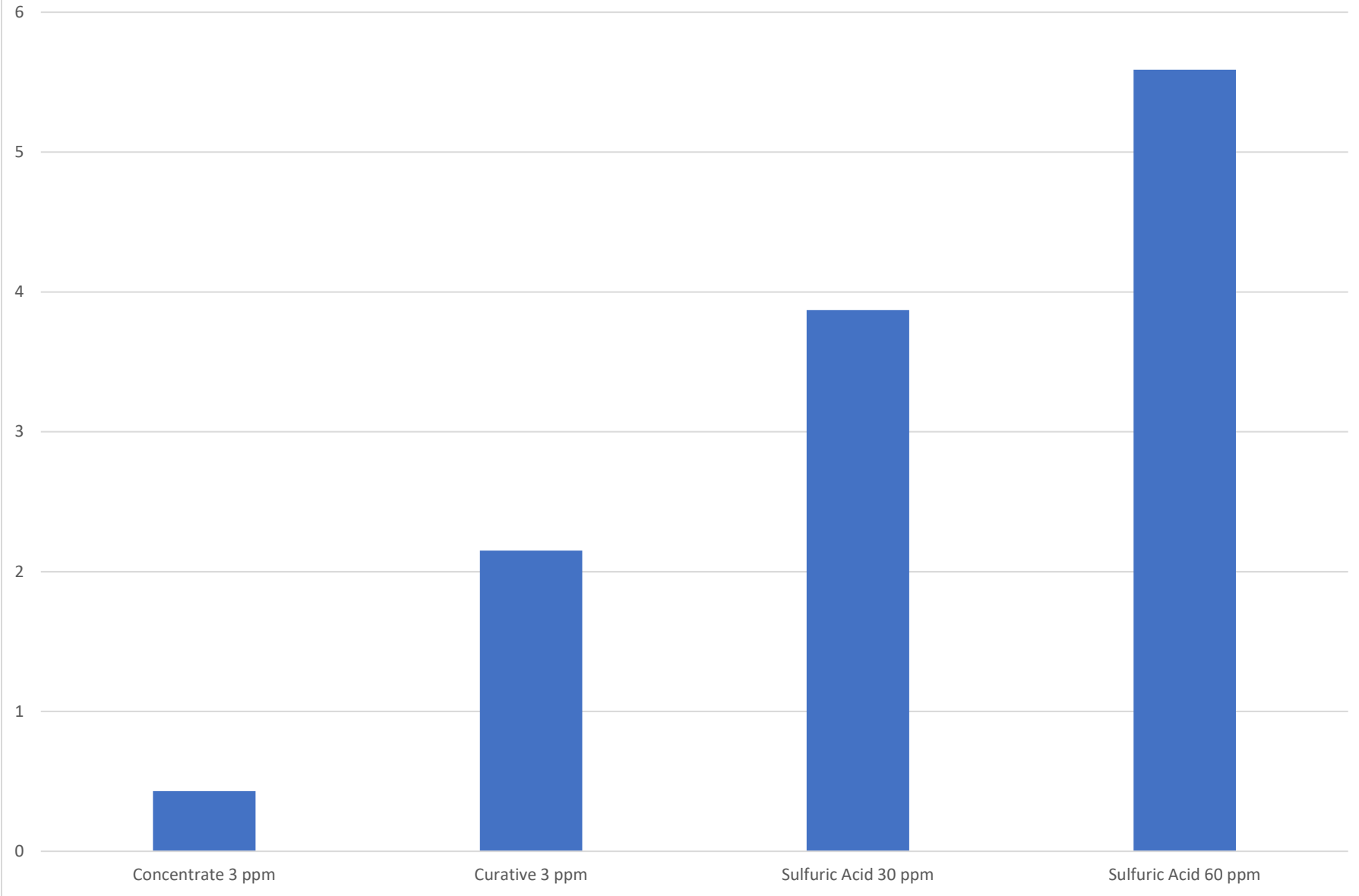


Corrosion Rates, Mild Steel Corrosion Coupons

WaterSOLV™ Concentrate and WaterSOLV™ Curative
Sulfuric Acid
Usage rates in agronomy using lab water solute

August 2020

Mils Per Year Corrosion, Mild Steel at Use Rates - Lab Water



Concentrate and Curative are available under NSF Standard 60 for offline use, Canadian Standards Council, UL and California Department of Food and Agriculture labels.

Coupon ID	Solution Made	ppm product	Dilution Used	pH of Solution	Date/Time Start	Date/Time End	Start Weight (g)	End Weight (g)	Weight Loss (g)	Corrosion Rate (ml/yr)	Note
ZDX0164	3 ppm WaterSOLV Concentrate	3	3ml:1000ml - --> 1:1000	4.58	7/8/2020 12:35	7/9/2020 12:35	10.1253	10.1248	0.0005	0.43	
ZDX0165	3 ppm WaterSOLV Curative	3	3:1000 --> 1:1000	4.29	7/8/2020 12:50	7/9/2020 12:52	10.0692	10.0667	0.0025	2.15	(1)
ZDX0166	1.75 ppm WaterSOLV BC	1.75	1.75:1000 --> 1:1000	6.84	7/8/2020 13:10	7/9/2020 13:10	10.0784	10.0735	0.0049	4.21	
ZDX0167	3 ppm Sulfuric Acid	3	3ml:1000ml - --> 1:1000	4.02	7/8/2020 11:55	7/9/2020 11:57	10.0793	10.0789	0.0004	0.34	
ZDX0168	30 ppm Sulfuric Acid	30	30:1000 --> 1:1000	3.18	7/8/2020 12:05	7/9/2020 12:05	10.1019	10.0974	0.0045	3.87	(1)
ZDX0169	60 ppm Sulfuric Acid	60	60:1000 --> 1:1000	2.92	7/8/2020 12:15	7/9/2020 12:16	10.0814	10.0749	0.0065	5.59	

Note: Comparative use rate between sulfuric acid and WaterSOLV™ Curative 10:1 by volume