

Projected 2,4-D Use on Corn, Cotton, and Soybeans Assuming 2,4-D Herbicide-Tolerant Crops are Approved for Unlimited Use in 2013-2014

	2005	2010	2015	2020	2020 Use/ 2005 Use
<u>Corn</u>					
National Corn Acres Planted (acres)	81,759,000	88,192,000	96,360,696	96,360,696	
% Acres Treated	8%	10%	19%	55%	
Corn Acres Treated (acres)	6,179,606	8,378,240	18,308,532	52,998,383	
Number of Applications	1.08	1.12	1.9	2.4	
Average Rate of Application	0.35	0.35	0.73	0.85	
Pounds Applied	2,357,478	3,328,387	25,393,934	108,116,701	46
<u>Cotton</u>					
National Cotton Acres Planted (acres)	13,975,000	10,769,000	10,500,000	10,000,000	
% Acres Treated	7%	7%	20%	40%	
Cotton Acres Treated (acres)	978,250	753,830	2,100,000	4,000,000	
Number of Applications	1.00	1.10	1.8	2.4	
Average Rate of Application	0.58	0.68	1.00	1.3	
Pounds Applied	567,385	563,865	3,780,000	12,480,000	22
<u>Soybeans</u>					
National Soybeans Acres Planted (acres)	72,142,000	77,404,000	80,000,000	80,000,000	
% Acres Treated	6%	14%	25%	50%	
Soybean Acres Treated (acres)	4,328,520	10,836,560	20,000,000	40,000,000	
Number of Applications	1.0	1.0	1.8	2.4	
Average Rate of Application	0.35	0.35	0.73	0.85	
Pounds Applied	1,529,857	3,840,135	26,280,000	81,600,000	53
<u>Three Crops</u>					
Pounds Applied	4,454,720	7,732,386	55,453,934	202,196,701	45

Source: C. Benbrook, M2M Program, WSU. Data for 2005 and 2010 from the USDA's National Agricultural Statistics Service.

Benbrook, Charles (2012). From presentation entitled: "The Good, the Bad, and the Ugly: Impacts of GE Crops in the U States," presented at the conference "Pesticides: Domestic and International Perspectives from Science, Law, and Gov National Academy of Sciences Beckman Center, Irvine, California, April 12, 2012.