

2006 Soybean Production Practices

Wisconsin grew 1.65 million acres of soybeans in 2006. Of those acres, 98 percent were treated with an herbicide, and 4 percent were treated with an insecticide. A Glyphosate product (Roundup or Touchdown) was applied to 85 percent of soybean acres.

To prevent pests, 80 percent of Wisconsin soybean acreage was under no-till or minimum till practices during 2006. In addition, 92 percent of the soybean acreage had been rotated with another crop to control pests. Ninety-two percent of state soybean acreage was scouted for weeds, 81 percent was scouted for insects or mites, and 61 percent was scouted for diseases. The majority of Wisconsin soybean scouting was performed by the operator, partner, or family member.

More detailed information on chemical and fertilizer use and production practices can be found at <http://www.nass.usda.gov/wi>.

Fertilizer Use on Soybeans Wisconsin, 2006

Primary Nutrient	Area applied	Applications	Rate per application	Total applied
	Percent	Number	Lbs./Acre	Mil. Lbs.
Nitrogen	31	1.1	14	7.4
Phosphate	33	1.0	32	18.0
Potash	55	1.0	79	74.2
Sulfur	10	1.0	13	2.3

1/ Planted acres in 2006 for Wisconsin were 1.65 million acres.
USDA, NASS, Wisconsin Field Office.

Major Chemical Use on Soybeans, Wisconsin, 2006

Agricultural chemicals, common name (trade name)	Area applied	Applications	Rate per application	Rate per crop year	Total applied
	Percent	Number	Pounds per acre		1,000 lbs.
2,4-D, 2-EHE (2,4-D Ester, Barrage)	11	1.0	0.473	0.473	83
Chlorimuron-ethyl (Canopy, Synchrony STS)	6	1.0	0.006	0.006	1
Clethodim (Arrow 2EC, Intensity)	5	1.0	0.082	0.082	7
Cloransulam-methyl (Amplify, FirstRate)	3	1.0	0.020	0.020	1
Glyphosate (Sequence, Touchdown)	8	1.5	0.584	0.877	122
Glyphosate iso. salt (Extreme, Roundup)	77	1.3	0.858	1.157	1,467
Imazamox (Raptor)	3	1.0	0.035	0.035	2
Imazethapyr (Extreme, Pursuit DG)	9	1.0	0.049	0.049	7
Metribuzin (Boundary 6.5EC, Domain DF)	2	1.0	0.287	0.287	9
Pendimethalin (Prowl, Pursuit Plus EC)	9	1.0	1.010	1.010	149
S-Metolachlor (Dual Magnum)	2	1.0	1.163	1.163	48
Thifensulfuron (Harmony Extra XP)	6	1.1	0.003	0.003	2/

1/ Planted acres in 2006 for Wisconsin were 1.65 million acres. 2/ Total applied is less than 500 lbs. Source: USDA, NASS, Wisconsin Field Office.