

[illegible]

"1","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl) glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F. (1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: MSL-10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175 P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague Dawley",,"","Feed","Oral","0","day","24","month","XLH-264","96.5",,"89,1183","mg/kg/day",3,46011,"Adult (P1)" "M" "Initial-to-

Terminal",1.89,"mg/kg/day","24","month","50","NULL","NULL","NULL","NULL","NULL","NULL","N
ULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL"

"2","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl) glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F. (1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175 P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague Dawley",,"","Feed","Oral","0","day","24","month","XLH-264","96.5",,"89,1183","mg/kg/day",3,46017,"Adult (P1)","M","Interim"

Sacrifice",1.89,"mg/kg/day","12","month","10","NULL","NULL","NULL","NULL","NULL","NULL","N
ULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL"

"3","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl) glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F. (1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175 P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague Dawley","",,"Feed","Oral","0","day","24","month","XLH-264","96.5","",89,1183,"mg/kg/day",3,46014,"Adult (P1)","F","Initial-to-

Terminal",1,113,"mg/kg/day","24","month","50","NULL","NULL","NULL","NULL","NULL","NULL","N
ULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL"

"4","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl) glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F. (1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175 P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague Dawley","",,"Feed","Oral","0","day","24","month","XLH-264","96.5","",89,1183,"mg/kg/day",3,46020,"Adult (P1)","F","Interim"

Sacrifice",1,113,"mg/kg/day","12","month","10","NULL","NULL","NULL","NULL","NULL","NULL","N
ULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL"

"5","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl) glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F. (1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175

P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague

"11","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl) glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F. (1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175 P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague Dawley","","Feed","Oral","0","day","24","month","XLH-264","96.5","89,1183","mg/kg/day",3,46013,"Adult (P1)","M","Initial-to-Terminal",3,940,"mg/kg/day","24","month","50","77773","3","Organ Weight","63","Liver","1162","Relative to Brain Weight","1","Increase","","NULL","","0","Systemic","SysCarc","OrganWeight","AccessoryDigestive","Liver", "adult"

"12","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl) glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F. (1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175 P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague Dawley","","Feed","Oral","0","day","24","month","XLH-264","96.5","89,1183","mg/kg/day",3,46013,"Adult (P1)","M","Initial-to-Terminal",3,940,"mg/kg/day","24","month","50","77764","2","Pathology (Clinical)","131","Urinalysis","1067","pH","2","Decrease","","NULL","","0","Systemic","SysCarc","OtherSyst emic","PathologyClinical","Urinalysis","adult"

"13","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl) glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F. (1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175 P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague Dawley","","Feed","Oral","0","day","24","month","XLH-264","96.5","89,1183","mg/kg/day",3,46013,"Adult (P1)","M","Initial-to-Terminal",3,940,"mg/kg/day","24","month","50","77765","2","Pathology (Clinical)","131","Urinalysis","1257","Specific gravity/osmolality","1","Increase","","NULL","","0","Systemic","SysCarc","OtherSystemic","PathologyClinic al","Urinalysis","adult"

"14","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl) glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F. (1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175 P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague Dawley","","Feed","Oral","0","day","24","month","XLH-264","96.5","89,1183","mg/kg/day",3,46013,"Adult (P1)","M","Initial-to-Terminal",3,940,"mg/kg/day","24","month","50","77760","5","Pathology (Non-neoplastic)","38","Eye","253","Cataract","1","Increase","","Lens","","0","Systemic","SysCarc","PathologyNo nProliferative","Integumentary","Eye","adult"

"15","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl) glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F. (1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175 P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague Dawley","","Feed","Oral","0","day","24","month","XLH-264","96.5","89,1183","mg/kg/day",3,46013,"Adult (P1)","M","Initial-to-Terminal",3,940,"mg/kg/day","24","month","50","77761","5","Pathology (Non-neoplastic)","38","Eye","353","Degeneration","1","Increase","","Lens","","0","Systemic","SysCarc","Patholo gyNonProliferative","Integumentary","Eye","adult"

"16","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl) glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F. (1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-

10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175
P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague
Dawley",,"","Feed","Oral","0","day","24","month","XLH-264","96.5",,"89,1183,"mg/kg/day",3,46013,"Adult
(P1)","M","Initial-to-Terminal",3,940,"mg/kg/day","24","month","50","77806","5","Pathology (Non-
neoplastic)","83","Pancreas","175","Atrophy","1","Increase","pancreatic acinar cells with atrophy","Acinar
Cell",,"","0","Systemic","SysCarc","PathologyNonProliferative","AccessoryDigestive","Pancreas","adult"
"17","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl)
glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related
Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F.
(1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-
10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175
P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague
Dawley",,"","Feed","Oral","0","day","24","month","XLH-264","96.5",,"89,1183,"mg/kg/day",3,46019,"Adult
(P1)","M","Interim
Sacrifice",3,940,"mg/kg/day","12","month","10","NULL","NULL","NULL","NULL","NULL","NULL","NULL","N
ULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL"
"18","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl)
glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related
Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F.
(1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-
10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175
P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague
Dawley",,"","Feed","Oral","0","day","24","month","XLH-264","96.5",,"89,1183,"mg/kg/day",3,46016,"Adult
(P1)","F","Initial-to-Terminal",3,1183,"mg/kg/day","24","month","50","77758","1","In-Life
Observations","15","Body Weight","217","Body
Weight","2","Decrease",,"NULL",,"0","Systemic","SysCarc","OtherSystemic","InLifeObservations","Bod
yWeight","adult"
"19","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl)
glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related
Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F.
(1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-
10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175
P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague
Dawley",,"","Feed","Oral","0","day","24","month","XLH-264","96.5",,"89,1183,"mg/kg/day",3,46016,"Adult
(P1)","F","Initial-to-Terminal",3,1183,"mg/kg/day","24","month","50","77759","1","In-Life
Observations","15","Body Weight","218","Body Weight
Gain","2","Decrease",,"NULL",,"0","Systemic","SysCarc","OtherSystemic","InLifeObservations","Body
Weight","adult"
"20","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl)
glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related
Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F.
(1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-
10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175
P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague
Dawley",,"","Feed","Oral","0","day","24","month","XLH-264","96.5",,"89,1183,"mg/kg/day",3,46016,"Adult
(P1)","F","Initial-to-Terminal",3,1183,"mg/kg/day","24","month","50","77803","5","Pathology (Non-
neoplastic)","115","Stomach","719","Inflammation","1","Increase","inflammation of squamous
mucosa","Mucosa",,"","0","Systemic","SysCarc","PathologyNonProliferative","PrimaryDigestive","Stomach"
,"adult"
"21","DSSTox_GSID_24122","1071-83-6","Glyphosate","Glyphosate (80WDG) (N-(phosphonomethyl)
glycine)","none","opp_der",2,"Partially Complete (Effect Data)",2,"All Treatment-Related
Effects",2,"Acceptable Guideline (pre-1998)",1420,"41643801","41643801","1990","Stout, L.; Ruecker, F.
(1990) Chronic Study Of Glyphosate Admini- Stered In Feed To Albino Rats: Lab Project Number: Msl-
10495: R.D. 1014. Unpublished Study Prepared By Monsanto Agricultural Co. 2175
P.",870.43,"Combined chronic toxicity/carcinogenicity",4,"CHR",1,"rat","Sprague
Dawley",,"","Feed","Oral","0","day","24","month","XLH-264","96.5",,"89,1183,"mg/kg/day",3,46022,"Adult

(P1)","F","Interim
Sacrifice",3,1183,"mg/kg/day","12","month","10","NULL","NULL","NULL","NULL","NULL","NULL","NULL","
NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL","NULL"