

Common and Trade Names and Manufacturers of Herbicides

Trade names and manufacturers listed are the original and/or most common source(s) of the herbicide listed. The list is provided as an aid to readers who are more familiar with trade names than common names. No attempt is made to include all trade names or manufacturers of a herbicide nor is any discrimination implied against similar products available from other sources. A complete listing of common names, pronunciation, chemistry, trade names, and manufacturers is available on the back cover of *Weed Science* and/or in the *Herbicide Handbook* from the WSSA, 309 W. Clark St., Champaign, IL 61820.

Common Name	Trade Name	Manufacturer	Common Name	Trade Name	Manufacturer
acetochlor	Harness	Monsanto	diethyl	Antor	Nor-Am
acifluorfen	Blazer	BASF	difenzoquat	Avenge	American Cyanamid
acrolein	Magnacide H	Magna	dinoseb	several	several
alachlor	Lasso	Monsanto	dipropetryn	Sancap	CIBA-Geigy
	Crop Star	Monsanto	diquat	Diquat	Valent
ametryn	Evik	CIBA-Geigy		Weedtrine-D	Applied Biochemists
amitrole	Amitrol T	Rhone-Poulenc		Reglone*	Chipman
	Amizol	Rhone-Poulenc	dithiopyr	Dimension	Monsanto
	AT-90	Custom Chemicides	diuron	several	several
	AT-Liquid	Custom Chemicides	DPX-V9360	Accent	DuPont
arsenic acid	several	several	(proposed: nicosulfuron)		
asulam	Asulox	Rhone-Poulenc			
atrazine	several	several			
			endothall	several	Atochem
barban	Carbyne	United Agri-Products	EPTC	Eptam	ICI Americas
BAS 514...H	Facet	BASF		Eradicane	ICI Americas
(proposed:quinclorac)				Sonalan	DowElanco
benefin	Balan	DowElanco	ethalfuralin	Curbit	Platte
bensulfuron	Londax	DuPont		Edge*	DowElanco
bensulide	Prefar	ICI Americas		Norton	Nor-Am
	Betasan	ICI Americas	ethofumesate	Prograss	Nor-Am
	Bensumec	PBI Gordon			
bentazon	Basagran	BASF	fenoxaprop	Whip	Hoechst-Roussel
	Pledge	Setre		Acclaim	Hoechst-Roussel
bromacil	Hyvar	DuPont		Horizon	Hoechst-Roussel
bromoxynil	Buctril	Rhone-Poulenc		Excel*	Hoechst-Roussel
	Bromax	Loveland Hopkins	flamprop	Mataven*	DuPont
	Pardner*	Rhone-Poulenc	fluazifop	Fusilade	ICI Americas
	Torch DS*	Rhone-Poulenc		Ornamec	PPI Gordon
butachlor	Machete	Monsanto	fluazifop-P	Fusilade 2000	ICI Americas
buthidazole	Ravage	Sandoz	fluchoralin	Basalin	BASF
butylate	Sutan	ICI Americas	fluometuron	Cotoran	CIBA-Geigy
				Meturon	Griffin
cacodylic acid	several	several	fluroglycofen		Rohm and Haas
CDAA	Randox	Monsanto	fluridone	Sonar	DowElanco
CGA-136872	Beacon	CIBA-Geigy	flurtamone	Benchmark	Chevron
(proposed: primisulfuron)			fomesafen	Reflex	ICI Americas
chlorimuron	Classic	DuPont	fosamine	Krenite	DuPont
chlorsulfuron	Glean	DuPont			
	Telar	DuPont	glyphosate	Roundup	Monsanto
	Select	Valent		and several others	
clethodim	Command	FMC		Rattler	Setre
clomazone	Reclaim	DowElanco	haloxyfop	Verdict	DowElanco
clopyralid	Stinger	DowElanco	hexazinone	Velpar	DuPont
	Lontrel*	DowElanco		Pronone	Pro-Serve
	several	several			
copper sulfate and copper complexes			imazamethabenz	Assert	American Cyanamid
cyanazine	Bladex	DuPont	imazapyr	Arsenal	American Cyanamid
cyloate	Ro-Neet	ICI Americas		Chopper	American Cyanamid
			imazaquin	Scepter	American Cyanamid
dazomet	several	several		Image	American Cyanamid
DCPA	Dacthal	Fermenta	imazethapyr	Pursuit	American Cyanamid
desmedipham	Betanex	Nor-Am	isopropalin	Paarlan	DowElanco
diallate	Avadex	Monsanto	isoxaben	Gallery	DuPont
dicamba	Banvel	Sandoz			
	Trooper	Monsanto	lactofen	Cobra	Valent
	Dydeer*	Sandoz	linuron	Lorox	DuPont
dichlobenil	Casoran	Uniroyal		Linex	Griffin
	Dyclomec	PBI Gordon		Drexel Linuron	Drexel
	Norosac	PPI Gordon		Afolan*	Hoechst Canada
dichlorprop (2,4-DP)	several	several			
diclofop	Hoelon	Hoechst-Roussel	MAA	several	several
	Hoe Grass*	Hoechst Canada	MCPA	several	several
	Illoxan	Hoechst-Roussel	MCPB	Thistrol	Rhone-Poulenc

mecoprop metolachlor	several Embarc Vapam Probe Dual Pennant	several 3M ICI Americas Sandoz CIBA-Geigy CIBA-Geigy	propanil	Stam Strel Prostar Cedar Propanil Wham DF Riverside Propanil Milogard Pyramin Tough Lentagran	Rohm and Haas Rohm and Haas Rohm and Haas Cedar Cedar Terra Int. CIBA-Geigy BASF Agrolinz Agrolinz
metribuzin	Lexone Sencor	DuPont Mobay	propazine pyrazon pyridate		
metsulfuron	Ally Escort	DuPont DuPont			
MH mollinate monocarbamide dihydrogensulfate MSMA	several Ordram Enquik	several ICI Americas Unocal	quizalofop	Assure	DuPont
napropamide	Devrinol Hurdle	ICI Americas Olympic Uniroyal	sethoxydim siduron simazine sodium chlorate sulfometuron	Poast Tupersan several several Oust	BASF DuPont several several DuPont
naptalam norflurazon	Alanap Zorial Evital Sollicam	Sandoz Sandoz Sandoz	tebuthiuron	Spike Herbec* Sinbar Igran Pinnacle Bolero Far-go Showdown Avadex BW*	DowElanco DowElanco DuPont CIBA-Geigy DuPont Valent Monsanto Monsanto Monsanto DuPont DowElanco Hoechst-Roussel DowElanco DowElanco American Cyanamid Griffin Terra Gowan Rival* Heritage* Triflurex*
oryzalin oxadiazon oxyfluorfen	Surflan Chipco Ronstar Goal	DowElanco Rhône-Poulenc Rohm and Haas	terbacil terbutryn thifensulfuron thiobencarb triallate	Tri-4 Trilin Trific Gowan Trifluralin Rival* Heritage* Triflurex* several Butyrac Butoxone Cobutox*	Monsanto Monsanto Monsanto DowElanco Hoechst-Roussel DowElanco DowElanco American Cyanamid Griffin Terra Gowan Hoechst Canada DowElanco Makhteshim several Rhône-Poulenc Cedar IPCO
paraquat	Gramoxone Cyclone Sweep* Starfire	ICI Americas ICI Americas Chipman ICI Americas	tribenuron triclopyr	Express Garlon Rely Tandem Treflan Tri-4 Trilin Trific Gowan Trifluralin Rival* Heritage* Triflurex* several Butyrac Butoxone Cobutox*	DowElanco DowElanco DuPont DowElanco Hoechst-Roussel DowElanco DowElanco American Cyanamid Griffin Terra Gowan Hoechst Canada DowElanco Makhteshim several Rhône-Poulenc Cedar IPCO
pebulate pendimethalin	Tillam Prowl Stomp Spin-Aid	ICI Americas American Cyanamid American Cyanamid Nor-Am	tridiphane trifluralin	Tri-4 Trilin Trific Gowan Trifluralin Rival* Heritage* Triflurex* several Butyrac Butoxone Cobutox*	DowElanco DowElanco American Cyanamid Griffin Terra Gowan Hoechst Canada DowElanco Makhteshim several Rhône-Poulenc Cedar IPCO
phenmedipham picloram proflamime prometon prometryn	Tordon and others Barricade Pramitol Caparol Gowan Prometryne Colton-Pro Gesagard* Kerb	DowElanco Sandoz CIBA-Geigy CIBA-Geigy Gowan Griffin CIBA-Geigy Rohm and Haas	2,4-D 2,4-DB	several Butyrac Butoxone Cobutox*	several Rhône-Poulenc Cedar IPCO
pronamide, propyzamide* propachlor	Ramrod	Monsanto	vernolate	Vernam	Drexel

*Names used in Canada but not in the United States.

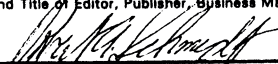
Herbicide Package Mixtures

Trade Name	Active Ingredients	Manufacturer	Trade Name	Active Ingredients	Manufacturer
Access	picloram + triclopyr	DowElanco	Buckle	triallate + trifluralin	Monsanto
Arrosolo	mollinate + propanil	ICI Americas	Buctril + Atrazine	bromoxynil + atrazine	Rhône-Poulenc
Atrabute	EPTC + atrazine	Griffin	Buctril M*	bromoxynil + MCPA	Rhône-Poulenc
Atratol 8P	atrazine + sodium chlorate + sodium metaborate	CIBA-Geigy	Bullet	alachlor + atrazine	Monsanto
Banvel 720	dicamba + 2,4-D	Sandoz	Calmix Pellets*	bromacil + 2,4-D	Rhône-Poulenc
Bareground BD	bromacil + diuron + sodium chlorate + sodium metaborate	Pro-Serve, Inc.	Cannon Canopy	alachlor + trifluralin metribuzin + chlorimuron	Monsanto DuPont
Betamix	desmedipham + phenmedipham	Nor-Am	Clearup MCPP 2,4-D	mecoprop + 2,4-D	Cleary
Bicop	atrazine + metolachlor	CIBA-Geigy	Commence	clomazone + trifluralin	FMC
Blagel*	cyazifluorfen + MCPA	DuPont	Compitox Plus*	mecoprop + 2,4-D	Rhône-Poulenc
Bolls-Eye	sodium cacodylate + cacodylic acid	Inter Ag	Confront	triclopyr + clopyralid	DowElanco
Broadside	MSMA + sodium cacodylate + cacodylic acid	Inter Ag	Croak	fluometuron + MSMA	Drexel
Bromox 720M	bromoxynil + MCPA	Rhône-Poulenc	Crossbow	triclopyr + 2,4-D	DowElanco
Bronate	bromoxynil + MCPA	Rhône-Poulenc	Curtail	clopyralid + 2,4-D	DowElanco
Bronco	alachlor + glyphosate	Monsanto	Curtail M Cycle	clopyralid + MCPA metolachlor + cyanazine	DowElanco CIBA-Geigy
			Dyclear 24* Dyvel*	dicamba + 2,4-D dicamba + MCPA	Sandoz Sandoz

Envert 171 Estacrop* Expenda Broadleaf Herbicide Extrazine II	2,4-D + dichlorprop dichlorprop + 2,4-D 2,4-D + mecoprop cyanazine + atrazine	Rhone-Poulenc Rhone-Poulenc Monsanto DuPont	Rescue Rout Rustler	naptalam + 2,4-DB oxyfluorfen + oryzalin glyphosate + 2,4-D	Uniroyal Sierra Monsanto
Fallow Master Finesse	glyphosate + dicamba chlorsulfuron + metsulfuron	Monsanto DuPont	Sabre* Salute Scepter O.T. Simazat Spike Treflan Squadron	bromoxynil + MCPA trifluralin + metribuzin imazaquin + acifluorfen simazine + atrazine tebuthiuron + trifluralin imazaquin + pendimethalin	Rhone-Poulenc Mobay American Cyanamid Drexel DowElanco American Cyanamid
Fortress* Freedom	triallate + trifluralin alachlor + trifluralin	Monsanto Monsanto	Stampede CM Storm Super Trimec	propanil + MCPA bentazon + acifluorfen 2,4-D + dichlorprop + dicamba	Rohm and Haas BASF PBI Gordon
Galaxy Gemini	bentazon + acifluorfen linuron + chlorimuron	BASF DuPont	Sutazine	atrazine + butylate	ICI Americas
Harmony Extra	thifensulfuron + tribenuron	DuPont	Target*	dicamba + mecoprop + MCPA	CIBA-Geigy
Helclean I	sodium metaborate + sodium chlorate + bromacil	Helena	Team Tiller	benefin + trifluralin fenoxaprop + 2,4-D + MCPA	DowElanco Hoechst-Roussel
Helena Weed Blast Hoe Grass II*	bromacil + diuron diclofop + bromoxynil	Helena Hoechst Canada	Tordon 101 Mixture Tordon 101R Tordon RTU Tornado Trimec Classic	picloram + 2,4-D picloram + 2,4-D picloram + 2,4-D fluazifop + fomesafen 2,4-D + mecoprop + dicamba	DowElanco DowElanco DowElanco ICI Americas PBI Gordon
Kil-Mor*	dicamba + mecoprop + 2,4-D	CIBA-Geigy	Trimec Encore	MCPA + mecoprop + dicamba	PPI Gordon
Krovar	bromacil + diuron	DuPont	Trimec Plus	MSMA + 2,4-D + mecoprop + dicamba	PPI Gordon
Laddok Landmaster II Landmaster BW Lariat Liquid Amizine Lorox Plus	bentazon + atrazine glyphosate + 2,4-D glyphosate + 2,4-D alachlor + atrazine amitrole + simazine linuron + chlorimuron	BASF Monsanto Monsanto Rhone-Poulenc DuPont	Tri-Scept Turbo	imazaquin + trifluralin metolachlor + metribuzin	American Cyanamid Mobay
Marksman	dicamba + atrazine	Sandoz	Turf Kleen Turflon D Turflon II 2 Plus 2	mecoprop + 2,4-D triclopyr + 2,4-D triclopyr + 2,4-D MCPP + 2,4-D	Rhone-Poulenc DowElanco DowElanco Fermenta
Passport Phenomic 2+1 Phytar 560	imazethapyr + trifluralin mecoprop + 2,4-D sodium cacodylate + cacodylic acid	American Cyanamid PBI Gordon Inter Ag	Vegemec	prometon + 2,4-D + aromatic oil	PPI Gordon
Pramitol 5PS	prometon + simazine + sodium chlorate + sodium metaborate	CIBA-Geigy	Weedmaster Weedone CB Weedone 170 Weedone DPC	dicamba + 2,4-D dichlorprop + 2,4-D dichlorprop + 2,4-D dichlorprop + 2,4-D	Sandoz Rhone-Poulenc Rhone-Poulenc Rhone-Poulenc
Preview	metribuzin + chlorimuron	DuPont	XL 2G	benefin + oryzalin	DowElanco
Primextra* Pursuit Plus	metolachlor + atrazine pendimethalin + imazethapyr	CIBA-Geigy American Cyanamid			
Ramrod/Atrazine	propachlor + atrazine	Monsanto			

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Quick Reference for Conversions Between SI and English Units

Volume			Volume/Area		Weight/Area					Weight				
					bu/A		Weight							
qt	L	gal	L/ha	gpa	kg/ha	lb/A	ton/A	56 lb	60 lb	lb	kg	ton	g	ounce
1	1	0.3	1	0.1	0.1	0.09				0.2	0.1		1	0.04
2.1	2	0.5	2	0.2	0.2	0.18				0.4	0.2		2	0.07
3.2	3	0.8	3	0.3	0.3	0.27				0.7	0.3		3	0.1
4.2	4	1.1	4	0.4	0.4	0.36				0.9	0.4		4	0.14
5.3	5	1.3	5	0.5	0.5	0.45				1.1	0.5		5	0.18
6.3	6	1.6	6	0.6	0.6	0.54				1.3	0.6		6	0.21
7.4	7	1.8	7	0.7	0.7	0.62				1.5	0.7		7	0.25
8.5	8	2.1	8	0.9	0.8	0.71				1.8	0.8		8	0.28
9.5	9	2.4	9	1	0.9	0.80				2	0.9		9	0.32
11	10	2.6	10	1.1	1	0.89				2.2	1		10	0.35
21	20	5.3	20	2.1	2	1.8				4.4	2		20	0.7
32	30	7.9	30	3.2	3	2.7				6.6	3		30	1.1
42	40	11	40	4.3	4	3.6				8.8	4		40	1.4
53	50	13	50	5.3	5	4.5				11	5		50	1.8
63	60	16	60	6.4	6	5.4				13	6		60	2.1
74	70	18	70	7.5	7	6.2				15	7		70	2.5
85	80	21	80	8.6	8	7.1				18	8		80	2.8
95	90	24	90	9.6	9	8.0				20	9		90	3.2
106	100	26	100	11	10	8.9				22	10		100	3.5
211	200	53	200	21	20	18				44	20		200	7.1
317	300	79	300	32	30	27				66	30		300	11
423	400	106	400	43	40	36				88	40		400	14
528	500	132	500	53	50	45				110	50		500	18
634	600	159	600	64	60	54		1		132	60		600	21
740	700	185	700	75	70	62			1	154	70		700	25
846	800	211	800	86	80	71				176	80		800	28
951	900	238	900	96	90	80				198	90		900	32
1057	1000	264	1000	107	100	89		2		220	100	0.1	1000	35
*1.057			*0.264											
Area														
ha		A	cm ²	inch ²										
0.1		0.25	10	1.5	500	446	0.2	8	7	1102	500	0.5		
0.2		0.49	20	3	600	535		10	9	1323	600	0.7		
0.3		0.74	30	5	700	624	0.3	11	10	1543	700	0.8		
0.4		1	40	6	800	714		13	12	1764	800	0.9		
0.5		1.2	50	8	900	803	0.4	14	13	1984	900	1		
0.6		1.5	60	9	1000	892		16	15	2205	1000	1.1		
0.7		1.7	70	11	2000	1784	0.9	32	30	4410	2000	2.2		
0.8		2	80	12	3000	2676	1.3	48	45	6615	3000	3.3		
0.9		2.2	90	14	4000	3568	1.8	64	59	8820	4000	4.4		
1		2.5	100	16	5000	4460	2.2	80	74	11025	5000	5.5		
2		5	200	31	6000	5352	2.7	96	89	13230	6000	6.6		
3		7.4	300	46	7000	6244	3.1	111	104	15435	7000	7.7		
4		10	400	62	8000	7136	3.6	127	119	17640	8000	8.8		
5		12	500	77	9000	8028	4.0	143	134	19845	9000	9.9		
6		15	600	93	10000	8920	4.5	159	149	22050	10000	11		
7		17	700	108	11000	9812	4.9	175	164					
8		20	800	124	12000	10704	5.4	191	178	*2.205		*0.0011		
9		22	900	139	13000	11596	5.8	207	193					
10		25	1000	145	14000	12488	6.2	223	208					
		*2.471		*0.155	15000	13380	6.7	239	223					
					*0.892	*0.00045	*0.016	*0.015						
Temperature														
'C		Speed		Pressure		Length								
'F	km/h	mph	kPa	psi	inch	cm	feet	feet	meter	yard	yard	km	mile	
100	212	1	0.6	50	7	0.4	1	0.3	0.1	0.1	109	0.1	0.06	
90	194	2	1.2	75	11	0.8	2	0.6	0.2	0.2	219	0.2	0.12	
80	176	3	1.9	100	14	1.2	3	0.9	0.3	0.3	328	0.3	0.19	
70	158	4	2.5	125	18	1.6	4	1.3	0.4	0.4	438	0.4	0.25	
60	140	5	3.1	150	22	2	5	1.6	0.5	0.5	547	0.5	0.31	
50	122	6	3.7	175	25	2.4	6	2	0.6	0.7	656	0.6	0.37	
40	104	7	4.3	200	29	2.8	7	2.3	0.7	0.8	766	0.7	0.43	
35	95	8	5	225	33	3.1	8	2.6	0.8	0.9	875	0.8	0.5	
30	86	9	5.6	250	36	3.5	9	3	0.9	1	985	0.9	0.56	
25	77	10	6.2	275	40	3.9	10	3.3	1	1.1	1094	1	0.62	
20	68	20	12	300	43	7.9	20	6.6	2	2.2		2	1.2	
15	59	30	19	325	47	12	30	9.8	3	3.3	*1094	3	1.9	
10	50	40	25	350	51	16	40	13	4	4.4		4	2.5	
5	41	50	31	375	54	20	50	16	5	5.5		5	3.1	
0	32	60	37	400	58	24	60	2	6	6.6		6	3.7	
-5	23	70	43	500	73	28	70	23	7	7.7		7	4.3	
-10	14	80	50	600	87	32	80	26	8	8.8		8	5	
-15	5	90	56	700	101	36	90	30	9	9.8		9	5.6	
-20	-4	100	62	800	116	39	100	33	10	11		10	6.2	
-25	-13			900	130	79	200	66	20	22		20	12	
-30	-22		*0.6214	1000	145	118	300	9.8	30	33		30	19	
-40	-40					157	400	13	40	44		40	25	
					*0.145	197	500	16	164	50	55	50	31	
						236	600	20	199	60	66	60	37	
						276	700	23	230	70	76	70	43	
						315	800	26	262	80	87	80	50	
						354	900	30	295	90	98	90	56	
						394	1000	33	328	100	109	100	62	
					*0.3937			*0.0328	*3.281		*1.094			*0.6214

*Multiply the SI units by this factor to convert to English units for this column.

THIRD INTERNATIONAL SYMPOSIUM ON ADJUVANTS FOR AGROCHEMICALS

**University of Bristol, UK
3-7 August 1992**

A residential symposium organised by the Pesticides Group
of the Society of Chemical Industry

The conference will address fundamental and practical aspects of current, as well as possible future usage of adjuvants in agrochemical formulations. The format will be similar to that of the highly successful meetings on this subject held previously in Canada and the USA with about 200 delegates expected to attend. Keynote presentations by invited speakers will be accompanied by short contributed papers. Concurrent sessions are to be discontinued but will be replaced by posters. Major session topics already earmarked include physicochemical properties and mode of action of both surfactant and oil-based adjuvants, adjuvants for improving the efficiency of spray applications, adjuvants for increasing the efficacy of specific classes of agrochemicals, model systems for evaluating adjuvants effects, and registration and environmental considerations. However, contributions are welcome on all aspects of the subject title. It is hoped that manufacturers will also participate in a technical exhibition of adjuvant products. Abstracts of all contributions will be available at the meeting.

If you wish to contribute or attend please complete the section below and return it as soon as possible to Dr Peter J Holloway, Long Ashton Research Station, University of Bristol, Bristol BS18 9AF, UK.

REPLY FORM

Adjuvants for Agrochemicals - University of Bristol, 3-7 August 1992

Name Title

Organisation

Address

.....

Tel: Fax:

I wish/do not wish to offer a page paper/poster entitled

.....



APPLICATION FOR MEMBERSHIP — WEED SCIENCE SOCIETY OF AMERICA
309 West Clark Street, Champaign, Illinois 61820

Eligibility for Membership: Membership in the Weed Science Society of America (WSSA) is open to individuals of all nations interested in encouraging and promoting the development of knowledge concerning weeds and their control. The annual membership dues are: Active Membership, \$60.00; Student Membership, \$20.00 per year, certified by an active member or graduate advisor as regularly enrolled as a college student who does not hold a fulltime position. Payment of dues entitles active and student members to receipt of *Weed Science* (the official journal of WSSA) *Weed Technology*, and the *WSSA Newsletter*. Please remit in U.S. funds, payable to the Weed Science Society of America.

Libraries, departments, agencies, and other organizations who are not eligible for active membership, and who do not wish to become Sustaining Members, may subscribe to *Weed Science* and *Weed Technology* for \$100.00 per year.

Name _____

Employer _____

Department _____

Address _____

City _____

State/Zip/Country _____

Phone (office) _____ (Fax) _____

_____ % Time devoted to Weed Science related activities

Mark all of the appropriate areas of involvement:

_____ a) Administration/Management

_____ b) Extension

_____ c) Graduate student

_____ d) Regulatory

_____ e) Research

_____ f) Sales

_____ g) Teaching

_____ h) Other

If appropriate, indicate areas of specialization:

_____ 1) Aquatic weeds

_____ 2) Field crops

_____ 3) Forage crops

_____ 4) Forestry

_____ 5) Fruit and vegetables

_____ 6) Non-cropland

_____ 7) Physiology

_____ 8) Residue analysis

_____ 9) Soils

_____ 10) Toxicology

_____ 11) Turf/Ornamentals

_____ 12) Specialists

_____ 13) Agent

Membership in other societies _____

Type of membership: Active Student (please complete section below)

Enrolled as graduate or undergraduate at _____
(Name of Institution)

Sponsor: (Active Member or Graduate Advisor) _____
(Signature of Sponsor)

Date _____