

TABLE 14 – Glossary of Chemical Names

TRADE NAME** AND (MANUFACTURER)	COMMON NAME	CONCENTRATION COMMERCIAL FORMULATION†
ACCENT Q (DuPont)	NICOSULFURON (+ SAFENER)	54.5% WG
ACCOLADE (FMC)	FLUMETSULAM	80% WG
ACURON (Syngenta)	S-METOLACHLOR (+ SAFENER) + ATRAZINE + MESOTRIONE + BICYCLOPYRONE	3.44 lb/gal ZC (2.14 + 1 + 0.24 + 0.06)
ACURON FLEXI (Syngenta)	S-METOLACHLOR (+ SAFENER) + MESOTRIONE + BICYCLOPYRONE	3.26 lb/gal ZC (2.86 + 1 + 0.32 + 0.08)
AFFINITY BROADSPEC (DuPont)	THIFENSULFURON + TRIBENURON	50% WG (25 + 25)
AFFORIA (DuPont)	THIFENSULFURON + TRIBENURON + FLUMIOXAZIN	50.8% WG (5 + 5 + 40.8)
ANTHEM MAXX (FMC)	PYROXASULFONE + FLUTHIACET-METHYL	4.3 lb/gal SE (4.174 + 0.126)
ANTHEM ATZ (FMC)	PYROXASULFONE + FLUTHIACET-METHYL + ATRAZINE	4.5 lb/gal L (0.485 + 0.014 + 4.006)
AIM (FMC)	CARFENTRAZONE	2.0 lb/gal L
ARMEZON (BASF)	TOPRAMEZONE	4 lb/gal L
ARMEZON PRO (BASF)	TOPRAMEZONE + DIMETHENAMID-P	5.35 lb/gal L (0.1 + 5.25)
ARROW 2EC (Makhteshim-Agan)	CLETHODIM	2.0 lb/gal L
ASSURE II (DuPont)	QUIZALOFOP-P-ETHYL	0.88 lb/gal L
ATRAZINE (several)	ATRAZINE	4 lb/gal L; 90% DF
AUTHORITY ASSIST (FMC)	SULFENTRAZONE + IMAZETHAPYR	4 lb/gal L (3.33 + 0.67)
AUTHORITY FIRST (FMC)	SULFENTRAZONE + CLORANUSULAM	70% DF (62.1 + 7.9)
AUTHORITY MAXX (FMC)	SULFENTRAZONE + CLHORIMURON-ETHYL	66% WG (0.62 + 0.04)
AUTHORITY MTZ (FMC)	SULFENTRAZONE + METRIBUZIN	45% DF (18.0 + 27.0)
AUTHORITY XL (FMC)	SULFENTRAZONE + CHLORIMURON-ETHYL	70% DG (62.22 + 7.78)
AUTUMN SUPER (Bayer CropScience)	IODOSULFURON + THIENCARBAZONE	51% WG (6 + 45)
AXIAL XL (Syngenta)	PINOXADEN	0.42 lb/gal L
BALANCE FLEXX (Bayer CropSciences)	ISOXAFLUTOLE (+ SAFENER)	2 lb/gal L
BANVEL (Arysta)	DICAMBA	4 lb/gal L
BASAGRAN (Winfield Solutions, LLC)	BENTAZON	4 lb/gal L
BASIS BLEND (DuPont)	RIMSULFURON + THIFENSULFURON	30% WG (20 + 10)
BEACON (Syngenta)	PRIMISULFURON	75% WG
BETAMIX (Bayer CropSciences)	DESMEDIPHAM+PHENMEDIPHAM	1.3 lb/gal L (0.65 + 0.65)
BETANEX (Bayer CropSciences)	DESMEDIPHAM	1.3 lb/gal L
BICEP II MAGNUM (Syngenta)	ATRAZINE + S-METOLACHLOR (+ SAFENER)	5.5 lb/gal L (3.1 + 2.4)
BICEP LITE II MAGNUM (Syngenta)	ATRAZINE + S-METOLACHLOR (+ SAFENER)	6 lb/gal L (2.67 + 3.33)
BOUNDARY 6.5EC (Syngenta)	S-METOLACHLOR + METRIBUZIN	6.5 lb/gal (5.25 + 1.25)
BREAKFREE NXT (DuPont)	ACETOCHLOR (+ SAFENER)	7 lb/gal L
BREAKFREE NXT ATZ (DuPont)	ACETOCHLOR (+ SAFENER) + ATRAZINE	5.6 lb/gal L
BREAKFREE NXT LITE (DuPont)	ACETOCHLOR (+ SAFENER) + ATRAZINE	6 lb/gal L
BROADAXE XC	SULFENTRAZONE + S-METOLACHLOR	7 lb/gal L (0.7 + 6.3)
BROADLOOM (United Phosphorus, Inc.)	BENTAZON	4 lb/gal L
BUCTRIL (Bayer CropSciences)	BROMOXYNIL	2 lb/gal L
BUTYRAC (Albaugh)	2,4-DB	2 lb/gal L
CADET (FMC)	FLUTHIACET-METHYL	0.91 lb/gal L
CALLISTO (Syngenta)	MESOTRIONE	4 lb/gal SC
CALLSITO GT (Syngenta)	MESOTRIONE + GLYPHOSATE	4.18 lb/gal L (0.38 + 3.8 ae)
CALLISTO XTRA (Syngenta)	MESOTRIONE + ATRAZINE	3.7 lb/gal SC (0.5 + 3.2)
CANOPY BLEND (DuPont)	CHLORIMURON + METRIBUZIN	58.3% WG (8.3 + 50)
CANOPY EX (DuPont)	CHLORIMURON + TRIBENURON	29.5% DG (22.7 + 6.8)
CAPRENO (Bayer CropSciences)	TEMBOTRIONE + THIENCARBAZONE (+ SAFENER)	3.45 lb/gal SC (2.88 + 0.57)
CHEETAH (NuFarm Inc.)	GLUFOSINATE	2.34 lb/gal L
CHEETAH MAX (NuFarm Inc.)	GLUFOSINATE + FOMESAFEN	3 lb/gal L (2 + 1)
CIMARRON PLUS (DuPont)	METSULFURON + CHLORSULFURON	63% WG (48 + 15)
CINCH (DuPont)	S-METHOLACHLOR (+ SAFENER)	7.64 lb/gal L
CINCH ATZ (DuPont)	ATRAZINE + S-METOLACHLOR (+ SAFENER)	5.5 lb/gal L (3.1 + 2.4)

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TABLE 14 – Glossary of Chemical Names (continued)

TRADE NAME** AND (MANUFACTURER)	COMMON NAME	CONCENTRATION COMMERCIAL FORMULATION†
CINCH ATZ LITE (DuPont)	ATRAZINE + S-METOLACHLOR (+ SAFENER)	6.0 lb/gal L (2.67 + 3.33)
CLARITY (BASF)	DICAMBA	4 lb/gal L
CLASSIC (DuPont)	CHLORIMURON ETHYL	25% DF
COBRA (Valent)	LACTOFEN	2 lb/gal L
COMMAND (FMC)	CLOMAZONE	3 lb/gal ME
CORVUS (Bayer CropSciences)	ISOXAFLUTOLE + THIENCARBAZONE-METHYL (+ SAFENER)	2.63 lb/gal L (1.88 + 0.75)
CROSSBOW (Dow AgroSciences)	2,4-D ESTER + TRICLOPYR	3 lb/gal L (2 + 1)
CURTAIL (Dow AgroSciences)	CLOPYRALID + 2,4-D	2.38 lb/gal L (0.38 + 2.0)
2,4-D (Several)	2,4-D	various
DEGREE XTRA (Monsanto)	ACETOCHLOR (+ SAFENER) + ATRAZINE	4.0 lb/gal L (2.7 + 1.3)
DIFLEXX (Bayer CropSciences)	DICAMBA (+ SAFENER)	4 lb/gal SC
DIFLEXX DUO (Bayer CropSciences)	TEMBOTRIONE + DICAMBA (+ SAFENER)	2.13 lb/gal SC (0.27 + 1.86)
DUAL MAGNUM (Syngenta)	S-METOLACHLOR	7.62 lb/gal L
DUAL II MAGNUM (Syngenta)	S-METOLACHLOR (+ SAFENER)	7.64 lb/gal L
ENVIVE (DuPont)	CHLORIMURON + FLUMIOXAZIN + THIFENSULFURON	41.3% WG (9.2 + 29.2 + 2.9)
EPTAM (Syngenta)	EPTC	7 lb/gal L; 10% G
EXPERT (Syngenta)	ATRAZINE + S-METOLACHLOR + GLYPHOSATE	4.88 lb/gal L (2.14 + 1.74 + 0.75ae)
EXPRESS SG (DuPont)	TRIBENURON-METHYL	50% WG
EXTREME (BASF)	IMAZETHAPYR + GLYPHOSATE	2.17 lb/gal (ae)
FIELDMASTER (Monsanto)	ACETOCHLOR (+ SAFENER) + ATRAZINE + GLYPHOSATE	4.06 lb/gal L (2 + 1.5 + 0.56 (ae))
FIERCE (Valent)	FLUMIOXAZIN + PYROXASULFONE	76% WG (33.5 + 42.5)
FIERCE XLT (Valent)	CHLORIMURON + FLUMIOXAZIN + PYROXASULFONE	62.41% WG (6.67 + 24.57 + 31.17)
FIRSTRATE (Dow AgroSciences)	CLORANSULAM METHYL	84% WG
FLEXSTAR (Syngenta)	FOMESAFEN	1.88 lb/gal L
FLEXSTAR GT (Syngenta)	FOMESAFEN + GLYPHOSATE	3.29 lb/gal L (0.66 + 2.63)
FOREFRONT HL (Dow AgroSciences)	AMINOPYRALID + 2,4-D AMINE	3.74 lb/gal L (0.41 + 3.33)
FULTIME NXT (Dow AgroSciences)	ACETOCHLOR (+ SAFENER) + ATRAZINE	4 lb/gal L (2.7 + 1.34)
FUSILADE DX (Syngenta)	FLUAZIFOP-P-BUTYL	2.0 lb/gal L
FUSION (Syngenta)	FLUAZIFOP-P-BUTYL + FENOXAPROP	2.66 lb/gal L (2.0 + 0.66)
GLYPHOSATE (Several)	GLYPHOSATE	3, 4, 4.17, 4.5 lb/gal L (ae), 65% (ae)
GRAMOXONE SL 2.0 (Syngenta)	PARAQUAT	2 lb/gal L (ae)
HALEX GT (Syngenta)	S-METOLACHLOR + GLYPHOSATE + MESOTRIONE	4.38 lb/gal (2.09 + 2.09 ae + 0.209)
HARMONY EXTRA SG (DuPont)	THIFENSULFURON + TRIBENURON	50% WG (33.33 + 16.67)
HARMONY SG (DuPont)	THIFENSULFURON	50% WG
HARNESS (Monsanto)	ACETOCHLOR (+ SAFENER)	7 lb/gal L
HARNESS XTRA 5.6L (Monsanto)	ACETOCHLOR (+ SAFENER) + ATRAZINE	5.6 lb/gal L (3.1 + 2.5)
HORNET WDG (Dow AgroSciences)	FLUMETSULAM + CLOPYRALID	68.5% WG (18.5 + 50)
HUSKIE (Bayer CropSciences)	PYRASULFOTOLE + BROMOXNYL	2.14 lb/gal EC
IMPACT (AMVAC)	TOPRAMEZONE	2.8 lb/gal SC
INSTIGATE (DuPont)	MESOTRIONE + RIMSULFURON	45.8% WG (41.6 + 4.2)
KERB (Dow AgroSciences)	PRONAMIDE	50% WP (in soluble pouches)
KEYSTONE NXT (Dow AgroSciences)	ACETOCHLOR (+ SAFENER) + ATRAZINE	5.6 lb/gal L (3.1 + 2.5)
KEYSTONE LA NXT (Dow AgroSciences)	ACETOCHLOR (+ SAFENER) + ATRAZINE	6 lb/gal L (4.3 + 1.7)
LAUDIS (Bayer CropSciences)	TEMBOTRIONE	3.5 lb/gal SC
LEXAR EZ (Syngenta)	S-METOLACHLOR (+SAFENER) + ATRAZINE + MESOTRIONE	3.7 lb/gal ZC (1.74 + 1.47 + 0.224)
LIBERTY (Bayer CropSciences)	GLUFOSINATE	2.34 lb/gal L
LINEX (NovaSource)	LINURON	4 lb/gal L
LOROX (NovaSource)	LINURON	50% DF
LUMAX EZ (Syngenta)	S-METOLACHLOR (+SAFENER) + ATRAZINE + MESOTRIONE	3.67 lb/gal ZC (2.49 + 0.935 + 0.249)

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TABLE 14 – Glossary of Chemical Names (continued)

TRADE NAME** AND (MANUFACTURER)	COMMON NAME	CONCENTRATION COMMERCIAL FORMULATION†
MARVEL (FMC)	FLUTHIACET-METHYL + FOMESAFEN	3 lb/gal L (0.117 + 2.883)
MATRIX (DuPont)	RIMSULFURON	25% DF
MCPA (Severl)	MCPA	Various L
MILESTONE (Dow AgroSciences)	AMINOPYRALID	2 lb/gal L
METRIBUZIN (Severl)	METRIBUZIN	75% WG
MOXY (Winfield Solutions, LLC)	BROMOXYNIL	2 lb/gal L
NORTRON SC (Bayer CropSciences)	ETHOFUMESATE	11/2 lb/gal L; 4 lb/gal SC
OPTILL (BASF)	SAFLUFENACIL + IMAZETHAPYR	68% WG (17.8 + 50.2)
OPTILL PRO (BASF)	SAFLUFENACIL + IMAZETHAPYR + DIMETHENAMID-P	68% WG (17.8 + 50.2) + 6 lb/gal EC
OSPREY (Bayer CropSciences)	MESOSULFURON-METHYL	4.5% WG
OUTLOOK (BASF)	DIMETHENAMID-P	6 lb/gal
PARALLEL (Makhteshim-Agan)	METOLACHLOR (+ SAFENER)	7.8 lb/gal L
PARALLEL PCS (Makhteshim-Agan)	METOLACHLOR	8.0 lb/gal L
PARAZONE (Makhteshim-Agan)	PARAQUAT	3 lb/gal L
PEAK (Syngenta)	PROSULFURON	57% WG
PERMIT (Gowan)	HALOSULFURON	75% WG
PHOENIX (Valent)	LACTOFEN	2 lb/gal
POAST (BASF)	SETHOXYDIM	1.53 lb/gal L
POAST PLUS (BASF)	SETHOXYDIM + DASH	1.0 lb/gal L
PREFIX (Syngenta)	S-METOLACHLOR + FOMESAFEN	5.29 lb/gal L
PREQUEL (DuPont)	RIMSULFURON + ISOXAFLUTOLE	45% DF (15 + 30)
PRINCEP (Syngenta)	SIMAZINE	4 lb/gal L; 80% WP; 90% WG
PROGRESS (Bayer CropSciences)	DESMEDIPHAM + PHENMEDIPHAM + ETHOFUMESATE	1.8 lb/gal L (0.6 + 0.6 + 0.6)
PROWL (BASF)	PENDIMETHALIN	3.3 EC
PROWL H2O (BASF)	PENDIMETHALIN	3.8 lb/gal ACS
PUMA (Bayer CropSciences)	FENOXAPROP-P-ETHYL	1 lb/gal EC
PURSUIT (BASF)	IMAZETHAPYR	2 lb/gal L
PYTHON (Dow AgroSciences)	FLUMETSULAM	80% WG
QUELEX (Dow AgroSciences)	HALAUXIFEN + FLORASULAM	20% WG (10 + 10)
RAPTOR (BASF)	IMAZAMOX	1 lb/gal L
REALM Q (DuPont)	RIMSULFURON + MESOTRIONE (+ SAFENER)	38.75% WG (7.5 + 31.25)
REFLEX (Syngenta)	FOMESAFEN	2 lb/gal L
REGLONE (Syngenta)	DIQUAT	2 lb/gal L
RESICORE (Dow AgroSciences)	ACETOCHLOR (+SAFENER) + MESOTRIONE + CLOPYRALID	3.29 lb/gal SE (2.8 + 0.3 + 0.19)
RESOLVE (DuPont)	RIMSULFURON	25% DF
RESOLVE Q (DuPont)	RIMSULFURON + THIFENSULFURON (+ SAFENER)	22.4% WG
RESOURCE (Valent)	FLUMICLORAC	0.86 lb/gal L
REVULIN Q (DuPont)	NICOSULFURON (+ SAFENER) + MESOTRIONE	51.2% WG (14.4 + 36.8)
RO-NEET (Helm)	CYCLOATE	6 lb/gal L; 10% G
ROWEL (Monsanto)	FLUMIOXAZIN	51% WG
ROWEL FX (Monsanto)	FLUMIOXAZIN + CHLORIMURON	40.3% WG (30 + 10.3)
SANDEA (Gowan)	HALOSULFURON	75% DG
SELECT (Valent)	CLETHODIM	2 lb/gal L
SELECT MAX (Valent)	CLETHODIM	0.97 lb/gal EC
SEQUENCE (Syngenta)	GLYPHOSATE + S-METOLACHLOR	5.25 lb/gal L (2.25 + 3)
SHARPEN (BASF)	SAFLUFENACIL	2.85 lb/gal L
SINBAR (DuPont)	TERBACIL	80% WP
SOLSTICE (FMC)	FLUTHIACET + MESOTRIONE	4 lb/gal L (0.216 + 3.784)
SONALAN (Gowan)	ETHALFLURALIN	3 lb/gal L
SONIC (Dow AgroSciences)	SULFENTRAZONE + CLORANUSULAM	70% DF (62.1 + 7.9)

See legend on page 182.

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TABLE 14 – Glossary of Chemical Names (continued)

TRADE NAME** AND (MANUFACTURER)	COMMON NAME	CONCENTRATION COMMERCIAL FORMULATION†
SPARTAN (FMC)	SULFENTRAZONE	4 lb/gal L
SPARTAN CHARGE (FMC)	CARFENTRAZONE + SULFENTRAZONE	3.5 lb/gal L (0.35 + 3.15)
STARANE ULTRA (Dow AgroSciences)	FLUROXYPYR	2.8 lb/gal L
STATUS (BASF)	DIFLUFENZOPYR + DICAMBA (+ SAFENER)	56% WG (16.0 + 40.0)
STANZA (FMC)	FLUMETSULAM + CLOPYRALID	68.5% WG (18.5 + 50)
STEADFAST Q (DuPont)	NICOSULFURON + RIMSULFURON (+ SAFENER)	37.7% WG (25.2 + 12.5)
STINGER (Dow AgroSciences)	CLOPYRALID	3 lb/gal L
SURPASS NXT (Dow AgroSciences)	ACETOCHLOR (+SAFENER)	7.0 lb/gal L
SURESTART II (Dow AgroSciences)	ACETOCHLOR (+ SAFENER) + FLUMETSULAM + CLOPYRALID	4.16 lb/gal L (3.75 + 0.12 + 0.29 ae)
SURVEIL (Dow AgroSciences)	CLORANSULAM-METHYL + FLUMIOXAZIN	48% WG (12 + 36)
SYNCHRONY XP (DuPont)	CHLORIMURON ETHYL+THIFENSULFURON METHYL	28.4% WG (3:1)
TARGA (Gowan)	QUIZALOFOP-P-ETHYL	0.88 lb/gal L
TRIFLURALIN (Several)	TRIFLURALIN	4 lb/gal L; 10% G
TRIPLEFLEX II (Monsanto)	ACETOCHLOR (+ SAFENER) + FLUMETSULAM + CLOPYRALID	4.16 lb/gal L (3.75 + 0.21 + 0.29 ae)
TRIVENCE (DuPont)	CHLORIMURON + FLUMIOXAZIN + METRIBUZIN	61.3% WG (3.9 +12.8 + 44.6)
ULTRA BLAZER (United Phosphorus, Inc)	ACIFLUORFEN	2 lb/gal
UPBEET (DuPont)	TRIFLUSULFURON METHYL	50% DF
VALOR (Valent)	FLUMIOXAZIN	51% WG
VALOR XLT (Valent)	FLUMIOXAZIN + CHLORIMURON	40.3% WG (30 + 10.3)
VARISTO (BASF)	IMAZAMOX + BENTAZON	4.18 lb/gal L (0.187 + 4)
VELPAR (DuPont)	HEXAZINONE	2 lb/gal L; 90% SP, 75% DF
VERDICT (BASF)	SAFLUFENACIL + DIMETHENAMID-P	5.57 lb/gal EC (0.57 + 5.0)
VIDA (Gowan)	PYRAFLUFEN ETHYL	0.2 lb/gal L
WARRANT (Monsanto)	ACETOCHLOR	3 lb/gal SC
WARRANT ULTRA (Monsanto)	ACETOCHLOR + FOMESAFEN	3.45 lb/gal L (2.82 + 0.63)
WIDEMATCH (Dow AgroSciences)	CLOPYRALID + FLUROXYPYR	1.5 lb/gal L (0.75 + 0.75)
YUKON (Gowan)	HALOSULFURON+DICAMBA	67.5% WG (12.5+55)
ZEMAX (Syngenta)	S-METOLACHLOR (+SAFENER) + MESOTRIONE	3.67 lb/gal ZC (3.34 + 0.33)
ZIDUA (BASF)	PYROXASULFONE	85% WG
ZIDUA PRO (BASF)	SAFLUFENACIL + IMAZETHAPYR + PYROXASULFONE	4.09 lb/gal SC (0.48 + 1.33 + 2.28)

** "Several" means there are numerous trade names for the chemical. The mention of trade names does not imply that they are endorsed or recommended over those of similar nature not listed.

† CS – aqueous capsule suspension, DC – dry concentrate, DF – dry flowable, DG – dispersible granule, DS – dry soluble granule, EC – emulsifiable concentrate, EW – emulsifiable concentrate G – granular, L – liquid, WG – water-dispersible granules, WP – wettable powder, WSP – wettable soluble powder, ZC – Zeon concentrate.