

Herbicide	Trade Name	Herbicide Family	Mode of Action
1. Atrazine	Aatrex 4L	triazine	Photosystem II inhibitor
2. Bentazon	Basagran	benzothiadiazole	Photosystem II inhibitor
3. Bromoxynil	Buctril	nitrile	Photosystem II inhibitor
4. Chlorimuron	Classic	sulfonylurea	ALS inhibitor
5. Clomazone	Command 3 ME	isoxazolidinone	Pigment inhibitor
6. Dicamba	Clarity	benzoic acid	Plant growth regulator
7. Dithiopyr	Dimension 2EW	pyridazine	Seedling root inhibitor
8. Flumioxazin	Valor	phenylphthalimide	PPO inhibitor
9. Glufosinate	Ignite	amino acid analog	Nitrogen metabolism disrupter
10. Glyphosate	Roundup Weather Max	amino acid analog	Amino acid synthesis
11. Halosulfuron	Permit	sulfonylurea	ALS inhibitor
12. Isoxaflutole	Balance Pro	isoxazole	HPPD inhibitor
13. Imazethapyr	Pursuit 2 EC	imidazolinone	ALS inhibitor
14. isoxaben	Gallery	benzamide	Cell wall synthesis inhibitor
15. Lactofen	Cobra	diphenyl ether	PPO inhibitor
16. Mesotrione	Callisto	triketone	HPPD inhibitor
17. Metribuzin	Sencor	triazine	Photosystem II inhibitor
18. Nicosulfuron	Accent	sulfonylurea	ALS inhibitor
19. Paraquat	Gramoxone Inteon	bipyridylum	Cell membrane disrupter
20. Pendimethalin	Prowl 3.3 EC	dinitroaniline	Seedling root inhibitor
21. Sethoxydim	Poast Plus	cyclohexanedione	Fatty Acid syntehsis inhibitor
22. s-metolachlor	Dual II Magnum	chloroacetamide	Seedling root inhibitor
23. tembotrione	Laudis	triketone	HPPD inhibitor
24. thifensulfuron	Harmony GT	sulfonylurea	ALS inhibitor
25. 2, 4-D	4 lb/gal Amine 2	phenoxy	Plant growth regulator

application rates are in amount of product per acre  
appropriate adjuvants will be added to POST applied herbicides

Application timing	Use rate (per acre)
PRE	1 lb.
POST	1 lb.
POST	0.75 pt
POST	0.5 oz
PRE	1 pt
POST	1 pt
PRE	2 qt
PRE	3 oz
POST	22 oz
POST	22 oz
POST	1 oz
PRE	3 oz
POST	4 oz
PRE	1.33 lb
POST	12.5 oz
POST	3 oz
PRE	5 oz
POST	0.67 oz
POST	1 qt
PRE	2.4 pt
POST	1.5 pt
PRE	1.33 pt
POST	3 oz
POST	0.5 oz
POST	1pt