

Labeled Soil-Applied Herbicide Rates for Cotton

Soil Texture

Herbicide	Coarse (light)	Medium	Fine (heavy)
Preplant Herbicides			
Meturon 4L or 80DF	1.6 pt or 1 lb	2.4-3.2 pt or 1.5-2 lb	3.2-4 pt or 2-2.5 lb
Prowl or Pendimax 3.3 EC	1.2-1.8 pt	1.8-2.4 pt	2.4-3.6 pt
Prowl H ₂ O	1.0-1.6 pt	1.6-2.1 pt	2.1-3.2 pt
Treflan 4E	1 pt	1.5 pt	2 pt
Treflan + Meturon 4L	1 pt + 1 lb or 1.6 pt	1.5 pt + 1.25-2 lb or 2-3.2 pt	2 pt + 2-2.4 lb or 3.2-4 pt
Preemergence Herbicides			
Direx 80DF or 4L	0.63 lb or 1 pt	1.25 lb or 2 pt	2 lb or 3 pt
Meturon 4L or 80DF	1.6 pt or 1 lb	2.4-3.2 pt or 1.5-2 lb	3.2-4 pt or 2-2.5 lb
Staple LX	1.3-2.1 oz/A	1.3-2.1 oz/A	1.3-2.1 oz/A

All rates are **broadcast rates**. Reduce rate for appropriate band width. See Example 2 on page 6.

Cotton Herbicide

Compatibility with Fertilizers as Application Carriers

	Fertilizer	
	Fluid	Dry
Aim	N	N
Assure II	N	N
Caparol 4L	N	N
Direx	N	N
DSMA	N	N
Dual Magnum	Y	Y
Fusilade DX	N	N
Glyphosate	Y	N
Linex 50DF	N	N
Meturon 4L, 80W (preemergence only)	Y	N
MSMA	N	N
Poast Plus	N	N
Prowl 3.3EC	Y	Y
Select	N	N
Treflan 4EC	Y	Y

Y = Yes, N = No

There are many specific fertilizer incompatibilities and restrictions with most herbicides. Be sure to read the herbicide label for specific mixing or impregnation instructions. Compatibility agents are required for many mixes. A typical compatibility test procedure for mixing herbicides in fluid fertilizers is given on page 4. NOTE: Compatibility with dry fertilizer is listed here from a labeling standpoint. The University of Arkansas only recommends herbicide application on dry fertilizer as a third alternative to spraying in water or in liquid fertilizer.