Glyphosate-Resistant Palmer Amaranth in Georgia
WeatherMax 22 oz, 2 d after application to 16 inch Palmer
Field Experiment 2: Materials and Methods

Application Timings

EPOST: 0.5” Palmer
MPOST: 3” Palmer
LPD: 10” Palmer

0.5” at application
3” at application
WMax 22 oz EPOST, 0.5"
WMax 22 oz MPOST, 3"
WMax 22 oz LPD, 10"
WMax 88 oz EPOST, 0.5"
WMax 88 oz MPOST, 3"
WMax 88 oz LPD, 10"
Prowl H20 1.75 pt PRE
WeatherMax 22 oz + Dual Mag. 1 pt at 4 inch
WeatherMax 22 oz + Direx 1.5 pt PDIR
Prowl H20 1.75 pt + Cotoran 1 qt PRE
WeatherMax 22 oz + Dual Mag. 1 pt at 4 inch
WeatherMax 22 oz + Direx 1.5 pt PDIR
Prowl H2O 1.75 pt + Reflex 1 pt PRE
WeatherMax 22 oz at 4 inch
WeatherMax 22 oz + Direx 1.5 pt PDIR
Prowl H20 1.75 pt + Reflex 1 pt PRE
WeatherMax 22 oz + Dual Mag 18 DAP before Pigweed emergence
WeatherMax 22 oz + Direx 1.5 pt PDIR
Prowl H20 1.75 pt + Reflex 1 pt PRE

WeatherMax 22 oz + Dual Mag 24 DAP with ½” Palmer

WeatherMax 22 oz + Direx 1.5 pt PDIR
Prowl + Reflex PRE
Roundup + Staple 3 inch
Direx + MSMA PD
Prowl H20 1.75 pt + Reflex 1 pt PRE
WeatherMax 22 oz + Staple at 3 inch
WeatherMax 22 oz + Direx 1.5 pt PDIR
WMax 22 oz + Staple LX 1.7 oz; Palmer 0.5” when treated
WMax 22 oz + Staple LX 2.55 oz; Palmer 0.5 " when treated
Prowl PRE, Roundup POST Twice

Prowl PRE, Ignite POST Twice
Ignite (22 oz) at 2 inch
Ignite (22 oz) at 2 inch
Direx + MSMA PD

Ignite (22 oz) at 5 inch
Ignite (22 oz) at 5 inch
Direx + MSMA PD
Prowl + Reflex PRE
Ignite (22 oz) at 2 inch
Direx + MSMA PD
Large Plot

Prowl + Reflex PRE
Roundup + Dual Magnum
Roundup
Direx + MSMA
Prowl + Reflex PRE
Roundup + Dual Magnum
Roundup
Direx + MSMA
Ten weeks after corn harvest
Thanks: Georgia Cotton Commission, Cotton Incorporated, and Bob Nichols