

Glyphosate-Resistant Palmer Amaranth in Georgia





WeatherMax 22 oz, 2 d after application to 16 inch Palmer

Grower Complaint Fall of 2004





WeatherMax 33 oz/A



WeatherMax 66 oz/A



WeatherMax 132 oz/A



WeatherMax 198 oz/A



WeatherMax 264 oz/A

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

Non-treated Control



WMax 22 oz EPOST, 0.5"

WMax 22 oz MPOST, 3"

WMax 22 oz LPD, 10"



WMax 44 oz EPOST, 0.5"

WMax 44 oz MPOST, 3"

WMax 44 oz LPD, 10"



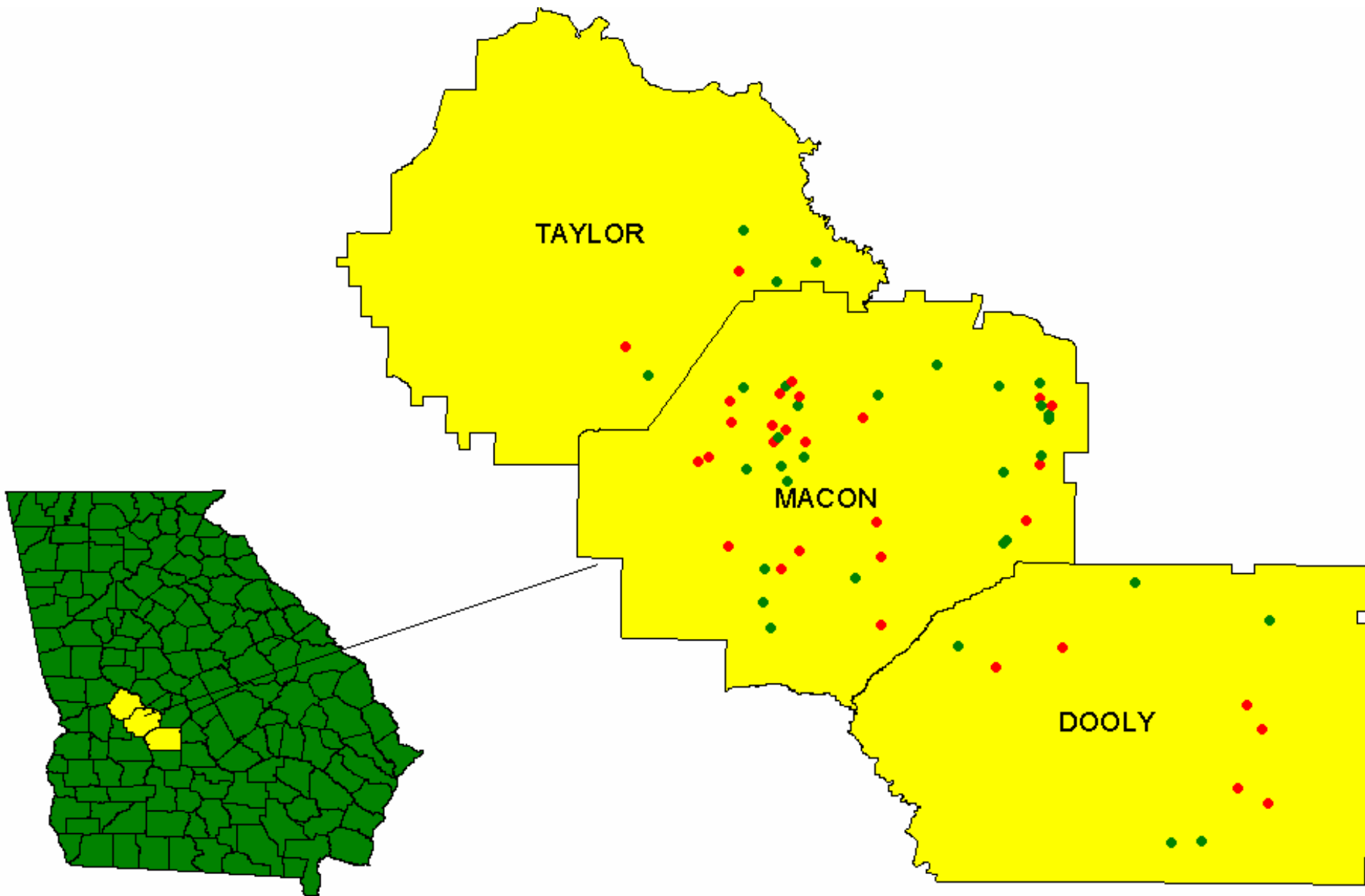
WMax 88 oz EPOST, 0.5"

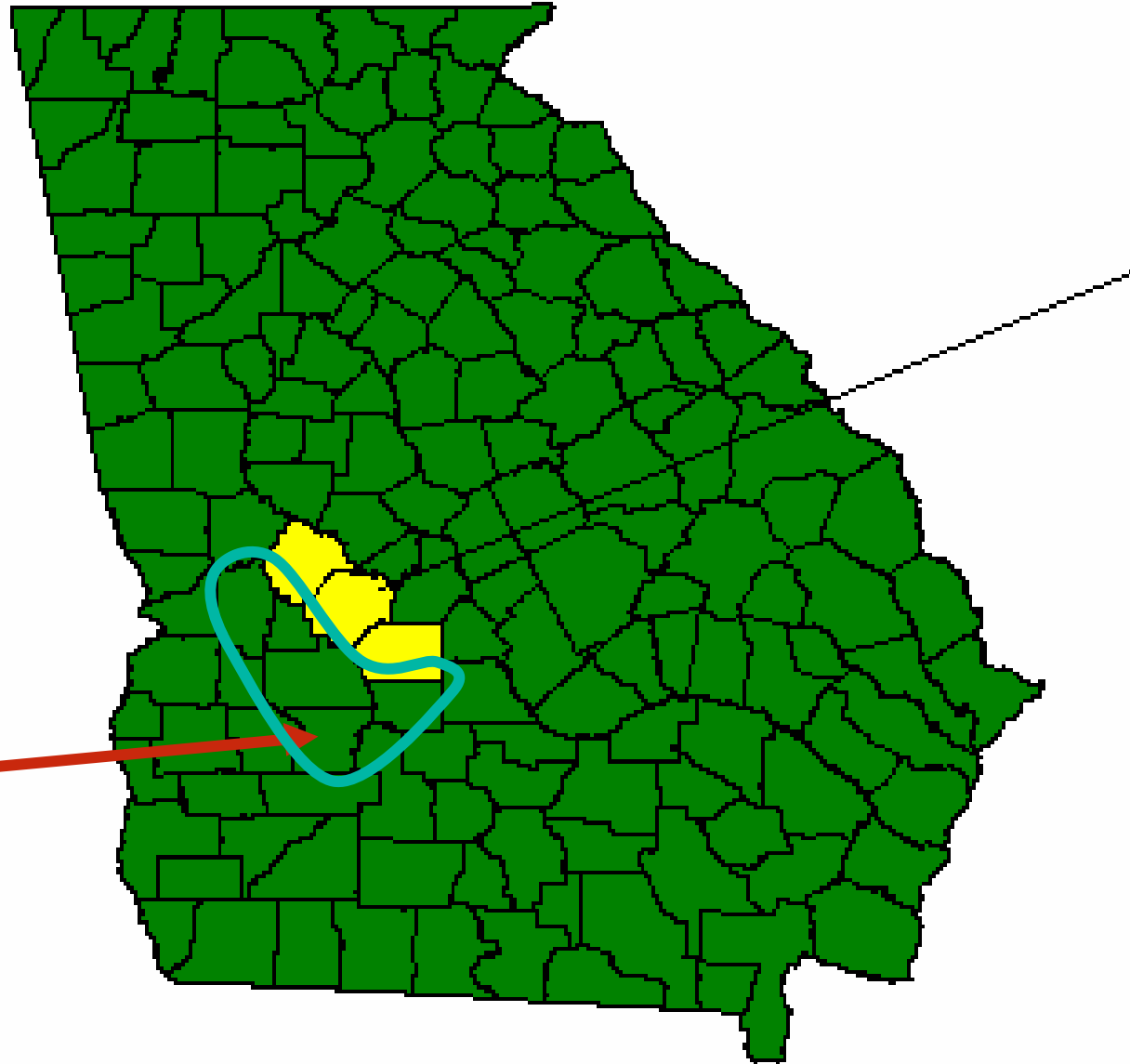
WMax 88 oz MPOST, 3"

WMax 88 oz LPD, 10"



Locations Spring 2006





Confirmed
Summer of
2006



WeatherMax 88 oz at 1 inch

WeatherMax 88 oz at 4 inch

WeatherMax 88 oz PDIR



Prowl H2O 1.75 pt PRE

WeatherMax 22 oz + Dual Mag. 1 pt at 4 inch

WeatherMax 22 oz + Direx 1.5 pt PDIR



Prowl H2O 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 H2O 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 H2O 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 H2O 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



Atrazine PRE
Roundup + Atrazine POST

Ten weeks after corn harvest





THANK YOU
FOR RETURNING OUR
EQUIPMENT CLEAN







Glyphosate-resistant Palmer Amaranth Infesting RR Cotton





Questions



**Thanks: Georgia Cotton Commission,
Cotton Incorporated, and Bob Nichols**