

# 2005 GAPAC Defoliation Test Summary

## All Four Locations

Information Courtesy of Danny Bennett		% Defoliation		% Desiccation		% Green		% Open Boll	% Regrowth
		4 day rating	10 -11 day rating	4 day rating	10- 11 day rating	4 day rating	10-11 day rating	10-11 day rating	10-11 Day rating
1	BLIZZARD @ 0.50 OZ + PREP @ 21.33 OZ + COC** @ 16.00 OZ	82.8	94.0	2.3	1.0	15.0	5.0	90.8	2.3
2	BLIZZARD @ 0.50 OZ + DROPP SC (liquid) @ 1.60 OZ + COC** @ 16.00 OZ	70.3	93.5	9.8	2.0	20.0	4.5	87.3	0.5
3	RESOURCE*** @ 4.00 OZ + PREP @ 21.33 OZ + COC** @ 16.00 OZ	82.0	92.5	1.3	0.8	16.8	6.8	91.0	1.8
4	RESOURCE*** @ 4.00 OZ + PREP @ 21.33 OZ + NIS (NONIONIC SURFACTANT) @ 0.25 % v/v	75.0	89.3	1.3	1.0	23.8	9.8	89.8	1.5
5	RESOURCE*** @ 4.00 OZ + FINISH PRO @ 21.33 OZ + COC** @ 16.00 OZ	84.5	96.5	3.3	1.0	12.3	2.5	94.5	1.5
6	RESOURCE*** @ 4.00 OZ + FINISH PRO @ 21.33 OZ + NIS (NONIONIC SURFACTANT) @ 0.25 % v/v	86.5	95.8	1.3	0.8	12.3	3.5	93.0	1.3
7	RESOURCE*** @ 4.00 OZ + PREP @ 21.33 OZ + DROPP SC (liquid) @ 1.60 OZ + COC** @ 16.00 OZ	78.3	95.8	9.5	2.3	12.3	2.0	93.8	0.8
8	RESOURCE*** @ 6.00 OZ + PREP @ 21.33 OZ + COC** @ 16.00 OZ	81.3	93.8	2.3	1.0	16.5	5.3	93.0	2.5
9	RESOURCE*** @ 6.00 OZ + PREP @ 21.33 OZ + NIS (NONIONIC SURFACTANT) @ 0.25 % v/v	78.0	91.3	1.5	1.0	20.5	7.8	89.0	1.5
10	RESOURCE*** @ 6.00 OZ + FINISH PRO @ 21.33 OZ + COC** @ 16.00 OZ	83.0	95.8	3.5	1.0	13.5	3.3	91.3	1.0
11	RESOURCE*** @ 6.00 OZ + FINISH PRO @ 21.33 OZ + NIS (NONIONIC SURFACTANT) @ 0.25 % v/v	78.8	94.3	2.0	0.8	19.3	5.0	90.3	1.8
12	AIM EC @ 0.50 OZ + ETHEPHON (6 lb/Gal) @ 16.00 OZ + DROPP SC (liquid) @ 1.60 OZ + NIS (NONIONIC SURFACTANT) @ 0.25 % v/v	71.8	95.0	5.0	1.5	23.3	3.5	91.0	0.8
13	AIM EC @ 0.75 OZ + COTTONQUIK @ 64.00 OZ + NIS (NONIONIC SURFACTANT) @ 0.25 % v/v	83.8	95.5	3.8	0.8	12.5	3.8	91.3	1.0
14	FINISH PRO @ 21.33 OZ + DEF @ 8.00 OZ	89.8	96.0	3.0	1.0	7.3	3.0	92.3	1.5
15	FINISH PRO @ 21.33 OZ + GINSTAR @ 4.00 OZ	78.8	96.5	6.8	1.8	14.5	1.8	93.8	0.6
16	FINISH PRO @ 32.00 OZ + DEF @ 4.00 OZ NOTE: This treatment was used at all sites except Wes Briggs'.	87.3	97.3	6.3	1.3	6.3	1.3	96.0	0.5
17	MFX @ 48.00 OZ + GINSTAR @ 4.00 OZ + DYNE-AMIC @ 4.00 OZ	68.8	94.8	11.8	4.0	19.5	1.3	95.5	0.6
18	FIRST PICK @ 64.00 OZ + FREEFALL SC (liquid) @ 1.60 OZ + AIM EC @ 0.50 OZ + NIS (NONIONIC SURFACTANT) @ 0.125 % v/v	70.8	94.5	13.0	3.8	16.3	1.8	95.8	0.6
<b>Standard Deviation</b>		<b>6.20</b>	<b>2.00</b>	<b>3.81</b>	<b>0.98</b>	<b>4.88</b>	<b>2.32</b>	<b>2.43</b>	<b>0.60</b>
<b>Average</b>		<b>79.50</b>	<b>94.55</b>	<b>4.85</b>	<b>1.48</b>	<b>15.64</b>	<b>3.98</b>	<b>92.17</b>	<b>1.22</b>
<b>Maximum</b>		<b>89.8</b>	<b>97.3</b>	<b>13.0</b>	<b>4.0</b>	<b>23.8</b>	<b>9.8</b>	<b>96.0</b>	<b>2.5</b>
<b>Minimum</b>		<b>68.8</b>	<b>89.3</b>	<b>1.3</b>	<b>0.8</b>	<b>6.3</b>	<b>1.3</b>	<b>87.3</b>	<b>0.5</b>

\*\*COC, or Crop Oil Concentrate.

\*\*\*Resource is not currently labeled for cotton defoliation but Valent is working to get it labeled and expects to have a label by early 2006.

All treatments to be applied with a CO2 Spray System on Tractor  
10 gal. Per acre | TX- 6 Hollowcone Nozzles | 70 PSI | 5 - Row boom  
Plot size: 5 rows by 50 ft. long

NOTE 1: Treatment # 16 was Changed per Bayer Crop Science's request at Wes Briggs Site

to: FINISH PRO (6LB./GAL.)  
DEF  
DROPP SC

24.00 OZ.  
4.00 OZ.  
2.00 OZ.

NOTE 2: Treatment # 16 only had data from 3 sites and did not include Wes Briggs Site.