

## APPENDIX A

Table I. GLYPHOSATE PRODUCTS, FORMULATIONS, AND SURFACTANT RECOMMENDATIONS<sup>1,2</sup>

| Product                   | Manufacturer or Distributor | AI Concentration <sup>3</sup> |             |                   | Rate Equivalent (4 lb ai/gal Product) |        |        |
|---------------------------|-----------------------------|-------------------------------|-------------|-------------------|---------------------------------------|--------|--------|
|                           |                             | Acid (a.e)                    | Salt (a.i.) | Surfactant Needed | 1.0 pt                                | 1.5 pt | 2.0 pt |
| Aqua Neat                 | Cerexagri                   | 4                             | 5.4         | Yes               | 0.75                                  | 1.0    | 1.5    |
| Buchaneer                 | Tenkoz                      | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Buchaneer Plus            | Tenkoz                      | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Clearout 41               | Chemical Product Technol    | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Clearout 41 Plus          | Chemical Product Technol    | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Cornerstone               | Agriliance                  | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Cornerstone Plus          | Agriliance                  | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Credit Systemic Herbicide | Nufarm                      | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Credit Extra              | Nufarm                      | 3                             | 4           | No                | 1.0                                   | 1.5    | 2.0    |
| Credit Duo                | Nufarm                      | 3                             | 3.97        | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Credit Duo Extra          | Nufarm                      | 3                             | 3.97        | No                | 1.0                                   | 1.5    | 2.0    |
| Durango                   | Dow AgroSciences            | 4                             | 5.4         | No                | 0.75                                  | 1.1    | 1.5    |
| Extra Credit 5            | Nufarm                      | 3.7                           | 5           | Yes*              | 0.8                                   | 1.2    | 1.6    |
| Gly Star Plus             | Albaugh                     | 3                             | 4           | No                | 1.0                                   | 1.5    | 2.0    |
| Gly Star 5                | Albaugh                     | 4                             | 5.4         | Yes               | 0.75                                  | 1.1    | 1.5    |
| Gly Star Original         | Albaugh                     | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Gly-Flo                   | Micro-Flo                   | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Glyfos X-tra              | Cheminova                   | 3                             | 4           | No                | 1.0                                   | 1.5    | 2.0    |
| Glyfos                    | Cheminova                   | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Glyphomax                 | Dow AgroSciences            | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Glyphomax Plus            | Dow AgroSciences            | 3                             | 4           | No                | 1.0                                   | 1.5    | 2.0    |
| Glyphomax XRT             | Dow AgroSciences            | 4                             | 5.4         | No                | 0.75                                  | 1.1    | 1.5    |
| Glyphosate 41%            | Helm Agro US                | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Glyphosate 4              | Farmsaver.com               | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Glypro                    | Dow AgroSciences            | 4                             | 5.4         | Yes*              | 0.75                                  | 1.1    | 1.5    |
| Glypro Plus               | Dow AgroSciences            | 3                             | 4           | No                | 1.0                                   | 1.5    | 2.0    |

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|---------------------|-----------------------------|-------------------------------|-------------|-------------------|---------------------------------------|--------|--------|
|                     |                             | Acid (a.e)                    | Salt (a.i.) | Surfactant Needed | 1.0 pt                                | 1.5 pt | 2.0 pt |
| Helosate Plus       | Helm Agro US                | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Honcho              | Monsanto                    | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Honcho Plus         | Monsanto                    | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Mirage              | UAP/Loveland                | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Mirage Plus         | UAP/Loveland                | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Rattler             | Helena                      | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Rattler Plus        | Helena                      | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Razor               | Nufarm                      | 3                             | 4           | Yes*              | 1.0                                   | 1.5    | 2.0    |
| Roundup OriginalMax | Monsanto                    | 4.5                           | 5.5         | No                | 0.67                                  | 1.0    | 1.3    |
| Roundup WeatherMax  | Monsanto                    | 4.5                           | 5.5         | No                | 0.67                                  | 1.0    | 1.3    |
| Touchdown HiTech    | Syngenta                    | 5                             | --          | Yes               | 0.6                                   | 0.9    | 1.2    |
| Touchdown Total     | Syngenta                    | 4.17                          | --          | No                | 0.75                                  | 1.1    | 1.44   |

<sup>1</sup> Table adopted from University of Arkansas Division of Agriculture publication MP-44, "Recommended Chemicals for Weed and Brush Control".

<sup>2</sup> Other glyphosate products exist and some products listed may not be available in Louisiana. See label for specific crops and uses. The LSU AgCenter does not recommend or endorse specific herbicide brands.

<sup>3</sup> Like a few other herbicides, glyphosate active ingredient can be expressed as either a "salt" form or the "acid equivalent" of the actual glyphosate. The glyphosate molecule is attached to the salt is formulated with and is the true active product. The salt itself does not contribute to weed control. Therefore, because salt formulations differ in weight, a better comparison among glyphosate products is the direct comparison of actual amount of glyphosate, i.e., the acid equivalent. Both concentrations are generally given on the label.

\* Some formulations of glyphosate contain some surfactant; however, additional surfactant is required with certain spray volumes. For other formulations, additional surfactant should not be added when the product is used alone. See label for specific surfactant rates and uses.