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**Method for Calculation of Counter Cyclical Payments Using
State and National Trigger Levels (Major Crops)**

Briefing Paper 01-5

James W. Richardson
Edward G. Smith
Abner W. Womack
Christy Houston



Agricultural and Food Policy Center
Department of Agricultural Economics
Texas Agricultural Experiment Station
Texas Agricultural Extension Service
Texas A&M University

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College Station, TX 77843-2124
Telephone: (979) 845-5913
Fax: (979) 845-3140
Web Site: <http://www.afpc.tamu.edu>

Counter Cyclical Trigger Level Calculation

How to Calculate

- (1) National and state yields per planted acre (Table 1 & 2)
- (2) National season average price (Table 1 & 2)
- (3) Base period that gives highest level of protection
 - (1994-1998) Olympic average
 - (1995-1999) Olympic average
- (4) Calculate market returns for each year at state and national level (Table 3 & 4)
 - Market returns = U.S. price times state & national yield
- (5) Given market returns in tables 3 & 4 calculate the olympic average for each state and the nation for the appropriate Base period
- (6) Market returns per planted acre used to calculate CCP payments

| | Texas | Arkansas | California | Louisiana | Mississippi | Missouri | U.S. |
|--------------|----------|----------|------------|-----------|-------------|----------|----------|
| OA (1994-98) | \$511.70 | \$518.10 | \$680.60 | \$421.40 | \$520.10 | \$468.50 | \$525.60 |
| OA (1995-99) | \$511.70 | \$518.10 | \$680.60 | \$421.40 | \$520.10 | \$468.50 | \$525.60 |

Calculation Process for Simulating Total (Texas) Receipts per Planted Acre of Rice 2001. (Rounding may cause results to deviate: Table 5)

- (1) Expected market returns

| | | |
|---------------------------------|-----------------|-----------|
| 5 year average yield 96-00 | 59.29 | cwt./acre |
| FAPRI U.S. season average price | <u>x \$6.29</u> | cwt. |
| Estimated market returns/acre | = \$372.93 | per acre |

- (2) Expected CCP payment

| | |
|--------------------------|-------------------|
| Counter cyclical payment | \$511.70 |
| Estimated market returns | <u>- \$372.93</u> |
| | = \$138.73 |

| | | | |
|--|---|----------------|---------------------------|
| (3) Conversion to market receipts \$/cwt. | | | |
| Expected CCP payment | | \$138.73 | |
| Texas average yield | ÷ | <u>59.29</u> | cwt./acre |
| CCP rate per cwt. | = | \$2.34 | cwt. |
| (4) LDP payment assuming mean prices | | | |
| FAPRI Adjusted world price 2001 | | \$3.99 | cwt. |
| Rice loan rate | | <u>\$6.50</u> | cwt. |
| LDP rate | = | \$2.514 | cwt. |
| (5) Base AMTA calculation | | | |
| Base AMTA rate | | 2.10 | cwt. |
| Texas 1996 farm program yield | x | 49.42 | cwt./acre |
| Payment fraction | x | .85 | |
| AMTA payment per acre | = | \$88.22 | per base acre |
| Adjustment per base AMTA acre | x | 1.27 | |
| AMTA per planted acre | = | \$112.14 | per adjusted planted acre |
| FSA yield | ÷ | <u>59.29</u> | |
| AMTA dollars per cwt. | = | \$1.89 | cwt. |
| (6) Total receipts per cwt. from all sources | | | |
| From (3) | | \$2.34 | CCP per cwt. |
| From (4) | | \$2.51 | LDP per cwt. |
| From (5) | | \$1.89 | AMTA per cwt. |
| From (1) | | <u>\$6.29</u> | Market price per cwt. |
| | | \$13.04 | cwt. |

The \$13.04/cwt. would be equivalent to a producer who received a \$2.30/cwt. premium over their \$6.50/cwt. loan rate plus the CCP and the AMTA payment.

- (7) If the formula for computing BASE acreage changes, the data in Table 6 shows state-by-state impacts relative to the current BASE.

Table 1. State Level Yields and National Prices used for the 1994-1998 Olympic Average

| Year | Yld/Planted Texas | Yld/Planted Arkansas | Yld/Planted California | Yld/Planted Louisiana | Yld/Planted Mississippi | Yld/Planted Missouri | Yld/Planted US | US Price US Price |
|------|----------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------|-------------------|----------------------|
| 1980 | 42.0 | 40.5 | 63.9 | 33.8 | 36.9 | 41.8 | 43.2 | 12.80 |
| 1981 | 46.9 | 44.6 | 68.2 | 40.4 | 43.5 | 40.3 | 47.8 | 9.05 |
| 1982 | 46.8 | 42.3 | 66.4 | 41.5 | 40.4 | 44.8 | 46.6 | 7.91 |
| 1983 | 43.1 | 42.3 | 70.0 | 37.7 | 39.8 | 40.3 | 45.5 | 8.57 |
| 1984 | 49.2 | 45.6 | 70.0 | 41.3 | 42.4 | 45.4 | 49.0 | 8.04 |
| 1985 | 54.7 | 51.5 | 72.1 | 43.5 | 52.9 | 48.1 | 53.7 | 6.53 |
| 1986 | 62.3 | 52.5 | 76.4 | 45.1 | 53.5 | 50.4 | 56.0 | 3.75 |
| 1987 | 58.8 | 52.0 | 74.7 | 45.0 | 50.5 | 53.2 | 55.0 | 7.27 |
| 1988 | 59.7 | 53.1 | 69.4 | 44.2 | 52.0 | 50.4 | 54.5 | 6.83 |
| 1989 | 56.7 | 55.5 | 78.0 | 42.5 | 55.8 | 50.7 | 56.6 | 7.35 |
| 1990 | 59.7 | 48.4 | 76.0 | 47.7 | 55.9 | 40.9 | 53.9 | 6.70 |
| 1991 | 59.7 | 51.4 | 84.8 | 44.2 | 54.8 | 48.4 | 55.3 | 7.58 |
| 1992 | 57.7 | 54.2 | 84.6 | 45.8 | 56.0 | 45.9 | 56.6 | 5.89 |
| 1993 | 53.6 | 48.5 | 82.4 | 44.2 | 51.9 | 43.4 | 53.5 | 7.98 |
| 1994 | 59.8 | 56.2 | 84.7 | 47.1 | 58.6 | 49.2 | 59.0 | 6.78 |
| 1995 | 55.7 | 54.1 | 75.7 | 45.6 | 53.6 | 49.9 | 55.7 | 9.15 |
| 1996 | 61.6 | 61.0 | 74.6 | 48.5 | 59.4 | 54.4 | 60.8 | 9.96 |
| 1997 | 54.8 | 56.6 | 82.2 | 46.1 | 57.5 | 50.8 | 58.6 | 9.70 |
| 1998 | 55.6 | 57.4 | 68.2 | 44.9 | 57.6 | 51.3 | 56.1 | 8.89 |
| 1999 | 58.8 | 58.3 | 72.0 | 49.7 | 56.2 | 53.4 | 58.3 | 6.00 |
| 2000 | 65.7 | 60.6 | 78.7 | 48.5 | 58.5 | 53.7 | 62.4 | 5.78 |

Table 2. State Level Yields and National Prices used for the 1995-1999 Olympic Average

| Year | Yld/Planted Texas | Yld/Planted Arkansas | Yld/Planted California | Yld/Planted Louisiana | Yld/Planted Mississippi | Yld/Planted Missouri | Yld/Planted US | US Price US Price |
|------|----------------------|-------------------------|---------------------------|--------------------------|----------------------------|-------------------------|-------------------|----------------------|
| 1980 | 42.0 | 40.5 | 63.9 | 33.8 | 36.9 | 41.8 | 43.2 | 12.80 |
| 1981 | 46.9 | 44.6 | 68.2 | 40.4 | 43.5 | 40.3 | 47.8 | 9.05 |
| 1982 | 46.8 | 42.3 | 66.4 | 41.5 | 40.4 | 44.8 | 46.6 | 7.91 |
| 1983 | 43.1 | 42.3 | 70.0 | 37.7 | 39.8 | 40.3 | 45.5 | 8.57 |
| 1984 | 49.2 | 45.6 | 70.0 | 41.3 | 42.4 | 45.4 | 49.0 | 8.04 |
| 1985 | 54.7 | 51.5 | 72.1 | 43.5 | 52.9 | 48.1 | 53.7 | 6.53 |
| 1986 | 62.3 | 52.5 | 76.4 | 45.1 | 53.5 | 50.4 | 56.0 | 3.75 |
| 1987 | 58.8 | 52.0 | 74.7 | 45.0 | 50.5 | 53.2 | 55.0 | 7.27 |
| 1988 | 59.7 | 53.1 | 69.4 | 44.2 | 52.0 | 50.4 | 54.5 | 6.83 |
| 1989 | 56.7 | 55.5 | 78.0 | 42.5 | 55.8 | 50.7 | 56.6 | 7.35 |
| 1990 | 59.7 | 48.4 | 76.0 | 47.7 | 55.9 | 40.9 | 53.9 | 6.70 |
| 1991 | 59.7 | 51.4 | 84.8 | 44.2 | 54.8 | 48.4 | 55.3 | 7.58 |
| 1992 | 57.7 | 54.2 | 84.6 | 45.8 | 56.0 | 45.9 | 56.6 | 5.89 |
| 1993 | 53.6 | 48.5 | 82.4 | 44.2 | 51.9 | 43.4 | 53.5 | 7.98 |
| 1994 | 59.8 | 56.2 | 84.7 | 47.1 | 58.6 | 49.2 | 59.0 | 6.78 |
| 1995 | 55.7 | 54.1 | 75.7 | 45.6 | 53.6 | 49.9 | 55.7 | 9.15 |
| 1996 | 61.6 | 61.0 | 74.6 | 48.5 | 59.4 | 54.4 | 60.8 | 9.96 |
| 1997 | 54.8 | 56.6 | 82.2 | 46.1 | 57.5 | 50.8 | 58.6 | 9.70 |
| 1998 | 55.6 | 57.4 | 68.2 | 44.9 | 57.6 | 51.3 | 56.1 | 8.89 |
| 1999 | 58.8 | 58.3 | 72.0 | 49.7 | 56.2 | 53.4 | 58.3 | 6.00 |
| 2000 | 65.7 | 60.6 | 78.7 | 48.5 | 58.5 | 53.7 | 62.4 | 5.78 |

Table 3. Years and Data used to calculate the Base for a CCP paid on Total Market Receipts per Planted Acre

| Year | Texas | Arkansas | California (\$/Planted Acre) | Louisiana | Mississippi | Missouri | US |
|-----------------------|--------------|--------------|---------------------------------|--------------|--------------|--------------|--------------|
| 1994 | 405.7 | 381.1 | 573.9 | 319.5 | 397.5 | 333.7 | 399.9 |
| 1995 | 509.2 | 495.0 | 692.4 | 417.2 | 490.7 | 456.4 | 509.7 |
| 1996 | 613.4 | 607.3 | 743.0 | 483.2 | 591.9 | 541.4 | 605.2 |
| 1997 | 531.4 | 549.0 | 797.2 | 447.6 | 557.9 | 493.0 | 568.0 |
| 1998 | 494.3 | 510.5 | 606.3 | 399.5 | 511.8 | 455.9 | 499.1 |
| 1999 | 352.6 | 349.9 | 431.9 | 298.1 | 336.9 | 320.5 | 350.1 |
| 2000 | 379.7 | 350.1 | 455.0 | 280.3 | 337.9 | 310.3 | 360.4 |
| Sum 94-98 | 2554.0 | 2542.8 | 3412.9 | 2067.0 | 2549.8 | 2280.5 | 2582.0 |
| Min 94-98 | 405.7 | 381.1 | 573.9 | 319.5 | 397.5 | 333.7 | 399.9 |
| Max 94-98 | 613.4 | 607.3 | 797.2 | 483.2 | 591.9 | 541.4 | 605.2 |
| Olympic Average 94-98 | 511.7 | 518.1 | 680.6 | 421.4 | 520.1 | 468.5 | 525.6 |

Table 4. Olympic Average 95-99

| Year | Texas | Arkansas | California (\$/Planted Acre) | Louisiana | Mississippi | Missouri | US |
|-----------------------|--------------|--------------|---------------------------------|--------------|--------------|--------------|--------------|
| 1995 | 509.2 | 495.0 | 692.4 | 417.2 | 490.7 | 456.4 | 509.7 |
| 1996 | 613.4 | 607.3 | 743.0 | 483.2 | 591.9 | 541.4 | 605.2 |
| 1997 | 531.4 | 549.0 | 797.2 | 447.6 | 557.9 | 493.0 | 568.0 |
| 1998 | 494.3 | 510.5 | 606.3 | 399.5 | 511.8 | 455.9 | 499.1 |
| 1999 | 352.6 | 349.9 | 431.9 | 298.1 | 336.9 | 320.5 | 350.1 |
| 2000 | 379.7 | 350.1 | 455.0 | 280.3 | 337.9 | 310.3 | 360.4 |
| Sum 95-99 | 2501.0 | 2511.7 | 3270.9 | 2045.6 | 2489.2 | 2267.3 | 2532.2 |
| Min 95-99 | 352.6 | 349.9 | 431.9 | 298.1 | 336.9 | 320.5 | 350.1 |
| Max 95-99 | 613.4 | 607.3 | 797.2 | 483.2 | 591.9 | 541.4 | 605.2 |
| Olympic Average 95-99 | 511.7 | 518.1 | 680.6 | 421.4 | 520.1 | 468.5 | 525.6 |

Table 5. Calculations for Simulating Total Receipts per Planted Acre of Rice in 2001

| | Texas | Arkansas | California (cwt/planted acre) | Louisiana | Mississippi | Missouri | US | |
|---|--------------|--------------|----------------------------------|--------------|--------------|--------------|--------------|--------------|
| 5 Year Average Yield 96-00 | 59.29 | 58.78 | 75.14 | 47.55 | 57.83 | 52.72 | 59.23 | |
| FAPRI Mean Price for 2001 Jan 2001 Baseline | | | US Price 6.29 | | | | | |
| Expected Value for the Value of Market Receipts for 2001 | | | | | | | | |
| (\$/planted Acre) | 372.93 | 369.70 | 472.61 | 299.11 | 363.73 | 331.58 | 372.58 | |
| Expected Value of CCP per Planted Acre for two Olympic Average Bases (\$/planted Acre) | | | | | | | | |
| Olympic Average 94-98 or 95-99 | 138.73 | 148.43 | 207.98 | 122.32 | 156.41 | 136.87 | 153.05 | |
| Convert the CCP \$/planted acre to a \$/Cwt. | | | | | | | | |
| Expected CCP per planted acre | 138.73 | 148.43 | 207.98 | 122.32 | 156.41 | 136.87 | 153.05 | |
| Average Yield 1996-00 | 59.29 | 58.78 | 75.14 | 47.55 | 57.83 | 52.72 | 59.23 | |
| CCP per Cwt. | 2.34 | 2.53 | 2.77 | 2.57 | 2.70 | 2.60 | 2.58 | |
| Calculate the Market Receipts at the Means as \$/cwt. | | | | | | | | |
| Average Yield 1996-00 | 59.29 | 58.78 | 75.14 | 47.55 | 57.83 | 52.72 | 59.23 | |
| FAPRI Average Price 2001 | 6.29 | 6.29 | 6.29 | 6.29 | 6.29 | 6.29 | 6.29 | |
| Receipts per planted acre | 372.93 | 369.70 | 472.61 | 299.11 | 363.73 | 331.58 | 372.58 | |
| Receipts per cwt. | 6.29 | 6.29 | 6.29 | 6.29 | 6.29 | 6.29 | 6.29 | |
| LDP Assuming Mean Prices | | | | | | | | |
| FAPRI Average Price 2001 | | | | | | | | 6.29 |
| Factor for AWP | | | | | | | | 0.6316 |
| Adjusted World Price 2001 | | | | | | | | 3.99 |
| Rice Loan Rate | | | | | | | | 6.5 |
| LDP Rate | 2.514 | 2.514 | 2.514 | 2.514 | 2.514 | 2.514 | 2.514 | 2.514 |
| Base AMTA Calculation by State | | | | | | | | |
| Base AMTA Rate | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | |
| Farm Program Yield | 49.42 | 45.47 | 68.10 | 40.81 | 41.53 | 45.95 | 48.17 | |
| Program Fraction | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | |
| AMTA Payment per Base Acre | 88.22 | 81.17 | 121.56 | 72.84 | 74.13 | 82.01 | 85.98 | |
| Base Acres (1,000) | 597.66 | 1671.00 | 597.18 | 770.65 | 375.95 | 140.04 | 4182.01 | |
| Planting Intentions for 2001 (1,000) | 220.00 | 1400.00 | 520.00 | 540.00 | 225.00 | 185.00 | 3290.00 | |
| Base to Planted Acre Fraction | 2.717 | 1.194 | 1.148 | 1.427 | 1.671 | 0.757 | 1.271 | |
| Assume each planted acre carries an additional 1.27112674772036 base acres | | | | | | | | |
| Base AMTA per planted acre | 112.14 | 103.17 | 154.52 | 92.59 | 94.22 | 104.25 | 109.30 | |
| Average Yield 1996-00 | 59.29 | 58.78 | 75.14 | 47.55 | 57.83 | 52.72 | 59.23 | Mkt Rec |
| Convert Base AMTA to \$/cwt | 1.89 | 1.76 | 2.06 | 1.95 | 1.63 | 1.98 | 1.85 | +LDP |
| Summarize the Total Revenue | | | | | | | | +Base AMTA |
| Total Revenue per cwt. | 13.04 | 13.08 | 13.63 | 13.32 | 13.14 | 13.38 | 13.23 | 13.23 |
| Added AMTA of \$2.25/cwt | 2.25 | | | | | | | |
| Added AMTA per Base Yield | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | |
| Farm Program Yield | 49.42 | 45.47 | 68.10 | 40.81 | 41.53 | 45.95 | 48.17 | |
| Program Fraction | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | |
| Added AMTA per Base Acre | 94.52 | 86.96 | 130.24 | 78.05 | 79.42 | 87.87 | 92.13 | |
| Base to Planted Acre Fraction | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | Mkt Rec |
| Gross Added AMTA per Plnted Ac | 120.15 | 110.54 | 165.55 | 99.21 | 100.95 | 111.70 | 117.10 | +Added AMTA |
| Average Yield 1996-00 | 59.29 | 58.78 | 75.14 | 47.55 | 57.83 | 52.72 | 59.23 | +LDP |
| Added AMTA per Planted Acre | 2.03 | 1.88 | 2.20 | 2.09 | 1.75 | 2.12 | 1.98 | +Base AMTA |
| Total Revenue per cwt. | 12.722 | 12.440 | 13.064 | 12.837 | 12.179 | 12.900 | 12.626 | 12.63 |
| Added AMTA of \$2.5/cwt | 2.5 | | | | | | | |
| Added AMTA per Base Yield | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | |
| Farm Program Yield | 49.42 | 45.47 | 68.10 | 40.81 | 41.53 | 45.95 | 48.17 | |
| Program Fraction | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | |
| Added AMTA per Base Acre | 105.03 | 96.63 | 144.71 | 86.72 | 88.25 | 97.64 | 102.36 | |
| Base to Planted Acre Fraction | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | Mkt Rec |
| Gross Added AMTA per Plnted Ac | 133.50 | 122.83 | 183.95 | 110.23 | 112.17 | 124.11 | 130.11 | +Added AMTA |
| Average Yield 1996-00 | 59.29 | 58.78 | 75.14 | 47.55 | 57.83 | 52.72 | 59.23 | +LDP |
| Added AMTA per Planted Acre | 2.25 | 2.09 | 2.45 | 2.32 | 1.94 | 2.35 | 2.20 | +Base AMTA |
| Total Revenue per cwt. | 12.947 | 12.649 | 13.309 | 13.069 | 12.373 | 13.136 | 12.846 | 12.85 |
| Added AMTA of \$2.75/cwt | 2.75 | | | | | | | |
| Added AMTA per Base Yield | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | |
| Farm Program Yield | 49.42 | 45.47 | 68.10 | 40.81 | 41.53 | 45.95 | 48.17 | |
| Program Fraction | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | |
| Added AMTA per Base Acre | 115.53 | 106.29 | 159.18 | 95.39 | 97.07 | 107.40 | 112.60 | |
| Base to Planted Acre Fraction | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | 1.27 | Mkt Rec |
| Gross Added AMTA per Plnted Ac | 146.85 | 135.11 | 202.34 | 121.25 | 123.39 | 136.52 | 143.13 | +Added AMTA |
| Average Yield 1996-00 | 59.29 | 58.78 | 75.14 | 47.55 | 57.83 | 52.72 | 59.23 | +LDP |
| Added AMTA per Planted Acre | 2.48 | 2.30 | 2.69 | 2.55 | 2.13 | 2.59 | 2.42 | +Base AMTA |
| Total Revenue per cwt. | 13.172 | 12.858 | 13.553 | 13.301 | 12.567 | 13.371 | 13.065 | 13.07 |

Table 6. Alternative Formulas for Calculating Rice Base Acres by State.

Assumes Planted and Considered Planted (Base Acres) 1990-1995 and Actual Plantings 1996-2000

| | Ark | Cal | La | Ms | Mo | Tx | US |
|------|------|-----|-----|-----|-----|-----|------|
| 1990 | 1664 | 625 | 749 | 371 | 114 | 610 | 4154 |
| 1991 | 1659 | 619 | 752 | 369 | 122 | 612 | 4155 |
| 1992 | 1655 | 610 | 751 | 370 | 125 | 608 | 4139 |
| 1993 | 1657 | 605 | 756 | 371 | 130 | 600 | 4143 |
| 1994 | 1666 | 598 | 759 | 372 | 134 | 603 | 4158 |
| 1995 | 1671 | 597 | 771 | 376 | 140 | 598 | 4182 |
| 1996 | 1180 | 502 | 535 | 210 | 97 | 300 | 2824 |
| 1997 | 1400 | 518 | 585 | 240 | 122 | 260 | 3125 |
| 1998 | 1500 | 460 | 625 | 270 | 145 | 285 | 3285 |
| 1999 | 1630 | 510 | 620 | 325 | 186 | 260 | 3531 |
| 2000 | 1420 | 550 | 485 | 220 | 175 | 215 | 3065 |

Base Acres Assuming Planted and Considered Planted Over Alternative Periods

| | Arkansas | | California | | Louisiana | | Mississippi | | Missouri | | Texas | | United States | |
|---------|----------|-----------|------------|-----------|-----------|-----------|-------------|-----------|----------|-----------|-------|-----------|---------------|-----------|
| | Base | % 96 Base | Base | % 96 Base | Base | % 96 Base | Base | % 96 Base | Base | % 96 Base | Base | % 96 Base | Base | % 96 Base |
| 1991-95 | 1661.6 | 99% | 605.8 | 101% | 757.8 | 98% | 371.6 | 99% | 130.2 | 93% | 604.2 | 101% | 4155.4 | 99% |
| 1992-96 | 1565.8 | 94% | 582.4 | 98% | 714.4 | 93% | 339.8 | 90% | 125.2 | 89% | 541.8 | 91% | 3889.2 | 93% |
| 1993-97 | 1514.8 | 91% | 564.0 | 94% | 681.2 | 88% | 313.8 | 83% | 124.6 | 89% | 472.2 | 79% | 3686.4 | 88% |
| 1994-98 | 1483.4 | 89% | 535.0 | 90% | 655.0 | 85% | 293.6 | 78% | 127.6 | 91% | 409.2 | 68% | 3514.8 | 84% |
| 1995-99 | 1476.2 | 88% | 517.4 | 87% | 627.2 | 81% | 284.2 | 76% | 138.0 | 99% | 340.6 | 57% | 3389.4 | 81% |
| 1996-00 | 1426.0 | 85% | 508.0 | 85% | 570.0 | 74% | 253.0 | 67% | 145.0 | 104% | 264.0 | 44% | 3166.0 | 76% |

Planted Acres for Rice Assuming No Credit for Considered Plantings 1991-1995

| | Ark | Cal | La | Ms | Mo | Tx | US |
|------|------|-----|-----|-----|-----|-----|------|
| 1990 | 1240 | 400 | 555 | 255 | 92 | 355 | 2897 |
| 1991 | 1300 | 357 | 560 | 225 | 97 | 345 | 2884 |
| 1992 | 1400 | 396 | 630 | 280 | 117 | 353 | 3176 |
| 1993 | 1280 | 440 | 545 | 250 | 105 | 300 | 2920 |
| 1994 | 1440 | 487 | 625 | 315 | 131 | 355 | 3353 |
| 1995 | 1350 | 467 | 575 | 290 | 119 | 320 | 3121 |
| 1996 | 1180 | 502 | 535 | 210 | 97 | 300 | 2824 |
| 1997 | 1400 | 518 | 585 | 240 | 122 | 260 | 3125 |
| 1998 | 1500 | 460 | 625 | 270 | 145 | 285 | 3285 |
| 1999 | 1630 | 510 | 620 | 325 | 186 | 260 | 3531 |
| 2000 | 1420 | 550 | 485 | 220 | 175 | 215 | 3065 |

Base Acres Calculated from Planted Acres Only for Alternative Periods

| | Arkansas | | California | | Louisiana | | Mississippi | | Missouri | | Texas | | United States | |
|---------|----------|-----------|------------|-----------|-----------|-----------|-------------|-----------|----------|-----------|-------|-----------|---------------|-----------|
| | Base | % 96 Base | Base | % 96 Base | Base | % 96 Base | Base | % 96 Base | Base | % 96 Base | Base | % 96 Base | Base | % 96 Base |
| 1991-95 | 1354.0 | 81% | 429.4 | 72% | 587.0 | 76% | 272.0 | 72% | 113.8 | 81% | 334.6 | 56% | 3090.8 | 74% |
| 1992-96 | 1330.0 | 80% | 458.4 | 77% | 582.0 | 75% | 269.0 | 72% | 113.8 | 81% | 325.6 | 54% | 3078.8 | 74% |
| 1993-97 | 1330.0 | 80% | 482.8 | 81% | 573.0 | 74% | 261.0 | 69% | 114.8 | 82% | 307.0 | 51% | 3068.6 | 73% |
| 1994-98 | 1374.0 | 82% | 486.8 | 82% | 589.0 | 76% | 265.0 | 70% | 122.8 | 88% | 304.0 | 51% | 3141.6 | 75% |
| 1995-99 | 1412.0 | 85% | 491.4 | 82% | 588.0 | 76% | 267.0 | 71% | 133.8 | 96% | 285.0 | 48% | 3177.2 | 76% |
| 1996-00 | 1426.0 | 85% | 508.0 | 85% | 570.0 | 74% | 253.0 | 67% | 145.0 | 104% | 264.0 | 44% | 3166.0 | 76% |