

Hard Red Spring Wheat Future for 08/01/2023

| Comm | Month | Total Volume | Elec | EFP | EFR | TRANSFER | OPEN INT. | CHANGE | EXER | DELV |
|--------------|-------|---------------|---------------|--------------|----------|----------|---------------|------------|----------|----------|
| W | 09/23 | 8,190 | 7,034 | 1,156 | 0 | 0 | 28,005 | -227 | 0 | 0 |
| W | 12/23 | 4,055 | 4,037 | 18 | 0 | 0 | 16,978 | 339 | 0 | 0 |
| W | 03/24 | 1,002 | 1,002 | 0 | 0 | 0 | 4,379 | 111 | 0 | 0 |
| W | 05/24 | 129 | 129 | 0 | 0 | 0 | 406 | -14 | 0 | 0 |
| W | 07/24 | 174 | 173 | 1 | 0 | 0 | 228 | 51 | 0 | 0 |
| W | 09/24 | 114 | 114 | 0 | 0 | 0 | 403 | -1 | 0 | 0 |
| W | 12/24 | 0 | 0 | 0 | 0 | 0 | 106 | 0 | 0 | 0 |
| Total | | 13,664 | 12,489 | 1,175 | 0 | 0 | 50,505 | 259 | 0 | 0 |

Daily trading volume, one side only, including exchanges of futures for cash, and open contracts less intentions, as reported by clearing members as of the close of the business.

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SPIKES Volatility Index Future for 08/01/2023

| Comm | Month | Total Volume | Elec | BLK | TAS | EFP | EFR | TRANSFER | OPEN INT. | CHANGE | EXER | DELV / DELIV |
|--------------|-------|--------------|------------|----------|-----------|----------|----------|-----------|------------|------------|----------|--------------|
| S | 8/23 | 88 | 88 | 0 | 8 | 0 | 0 | 1 | 264 | -25 | 0 | 0 |
| S | 9/23 | 159 | 159 | 0 | 8 | 0 | 0 | 93 | 228 | 6 | 0 | 0 |
| S | 10/23 | 67 | 67 | 0 | 0 | 0 | 0 | 0 | 29 | -6 | 0 | 0 |
| S | 11/23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 |
| Total | | 314 | 314 | 0 | 16 | 0 | 0 | 94 | 546 | -25 | 0 | 0 |

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Call Hard Red Spring Wheat Option for 08/01/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------|-------|--------------|-----|-------|--------------|------|----------|-----------|--------|------|
| WC | 9/23 | 7.90 | C | .8237 | 0 | 0 | 0 | 3 | 0 | 0 |
| WC | 9/23 | 8.00 | C | .7824 | 15 | 15 | 0 | 148 | -4 | 0 |
| WC | 9/23 | 8.10 | C | .7373 | 7 | 7 | 0 | 1 | -6 | 0 |
| WC | 9/23 | 8.20 | C | .6891 | 7 | 7 | 0 | 8 | 0 | 0 |
| WC | 9/23 | 8.30 | C | .6390 | 5 | 5 | 0 | 4 | -2 | 0 |
| WC | 9/23 | 8.40 | C | .5888 | 10 | 10 | 0 | 48 | -10 | 0 |
| WC | 9/23 | 8.50 | C | .5386 | 0 | 0 | 0 | 271 | 0 | 0 |
| WC | 9/23 | 8.60 | C | .4892 | 0 | 0 | 0 | 261 | 0 | 0 |
| WC | 9/23 | 8.70 | C | .4414 | 200 | 200 | 0 | 86 | -122 | 0 |
| WC | 9/23 | 8.80 | C | .3959 | 0 | 0 | 0 | 256 | 0 | 0 |
| WC | 9/23 | 8.85 | C | .3745 | 5 | 5 | 0 | 0 | -5 | 0 |
| WC | 9/23 | 8.90 | C | .3534 | 0 | 0 | 0 | 228 | 0 | 0 |
| WC | 9/23 | 9.00 | C | .3137 | 1 | 1 | 0 | 1,205 | -1,001 | 0 |
| WC | 9/23 | 9.20 | C | .2438 | 10 | 10 | 0 | 561 | 10 | 0 |
| WC | 9/23 | 9.30 | C | .2130 | 0 | 0 | 0 | 158 | 0 | 0 |
| WC | 9/23 | 9.40 | C | .1867 | 0 | 0 | 0 | 580 | 0 | 0 |
| WC | 9/23 | 9.50 | C | .1622 | 6 | 6 | 0 | 217 | -3 | 0 |
| WC | 9/23 | 9.60 | C | .1412 | 10 | 10 | 0 | 46 | 0 | 0 |
| WC | 9/23 | 9.70 | C | .1225 | 2 | 2 | 0 | 30 | -2 | 0 |
| WC | 9/23 | 9.80 | C | .1059 | 20 | 20 | 0 | 64 | -20 | 0 |
| WC | 9/23 | 9.90 | C | .0914 | 13 | 13 | 0 | 47 | -1 | 0 |

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Call Hard Red Spring Wheat Option for 08/01/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------------------|-------------|--------------|-----|-------|--------------|------------|----------|--------------|---------------|----------|
| WC | 9/23 | 10.00 | C | .0793 | 7 | 7 | 0 | 726 | -1,000 | 0 |
| WC | 9/23 | 10.20 | C | .0580 | 0 | 0 | 0 | 6 | 0 | 0 |
| WC | 9/23 | 10.50 | C | .0376 | 0 | 0 | 0 | 203 | 0 | 0 |
| WC | 9/23 | 10.70 | C | .0274 | 0 | 0 | 0 | 1 | 0 | 0 |
| WC | 9/23 | 10.75 | C | .0268 | 0 | 0 | 0 | 1 | 0 | 0 |
| WC | 9/23 | 11.00 | C | .0165 | 0 | 0 | 0 | 38 | 0 | 0 |
| WC | 9/23 | 12.00 | C | .0043 | 0 | 0 | 0 | 31 | 0 | 0 |
| WC | 9/23 | 12.50 | C | .0037 | 0 | 0 | 0 | 22 | 0 | 0 |
| WC | 9/23 | 13.00 | C | .0033 | 0 | 0 | 0 | 1 | 0 | 0 |
| WC | 9/23 | 14.00 | C | .0028 | 0 | 0 | 0 | 6 | 0 | 0 |
| WC | 9/23 | 15.00 | C | .0024 | 0 | 0 | 0 | 5 | 0 | 0 |
| WC | 9/23 | 18.00 | C | .0019 | 0 | 0 | 0 | 5 | 0 | 0 |
| Sub Total | 9/23 | | | | 318 | 318 | 0 | 5,267 | -2,166 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WC | 12/23 | 8.00 | C | .7162 | 0 | 0 | 0 | 5 | 0 | 0 |
| WC | 12/23 | 8.10 | C | .6914 | 0 | 0 | 0 | 11 | 0 | 0 |
| WC | 12/23 | 8.30 | C | .6378 | 0 | 0 | 0 | 3 | 0 | 0 |
| WC | 12/23 | 8.40 | C | .6109 | 0 | 0 | 0 | 10 | 0 | 0 |
| WC | 12/23 | 8.50 | C | .5850 | 0 | 0 | 0 | 12 | 0 | 0 |
| WC | 12/23 | 8.60 | C | .5595 | 0 | 0 | 0 | 159 | 0 | 0 |

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Call Hard Red Spring Wheat Option for 08/01/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------------------|--------------|--------------|-----|-------|--------------|-----------|----------|------------|-----------|----------|
| WC | 12/23 | 8.70 | C | .5342 | 0 | 0 | 0 | 26 | 0 | 0 |
| WC | 12/23 | 8.90 | C | .4857 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 12/23 | 9.00 | C | .4627 | 0 | 0 | 0 | 159 | 0 | 0 |
| WC | 12/23 | 9.20 | C | .4188 | 0 | 0 | 0 | 68 | 0 | 0 |
| WC | 12/23 | 9.25 | C | .4085 | 0 | 0 | 0 | 6 | 0 | 0 |
| WC | 12/23 | 9.40 | C | .3784 | 0 | 0 | 0 | 17 | 0 | 0 |
| WC | 12/23 | 9.50 | C | .3593 | 0 | 0 | 0 | 124 | 0 | 0 |
| WC | 12/23 | 9.60 | C | .3413 | 0 | 0 | 0 | 10 | 0 | 0 |
| WC | 12/23 | 9.70 | C | .3241 | 0 | 0 | 0 | 77 | 0 | 0 |
| WC | 12/23 | 9.80 | C | .3081 | 0 | 0 | 0 | 14 | 0 | 0 |
| WC | 12/23 | 10.00 | C | .2774 | 20 | 20 | 0 | 100 | 20 | 0 |
| WC | 12/23 | 10.20 | C | .2506 | 0 | 0 | 0 | 30 | 0 | 0 |
| WC | 12/23 | 10.50 | C | .2148 | 0 | 0 | 0 | 58 | 0 | 0 |
| WC | 12/23 | 10.60 | C | .2042 | 0 | 0 | 0 | 4 | 0 | 0 |
| WC | 12/23 | 11.00 | C | .1674 | 0 | 0 | 0 | 4 | 0 | 0 |
| WC | 12/23 | 11.10 | C | .1598 | 0 | 0 | 0 | 30 | 0 | 0 |
| WC | 12/23 | 12.00 | C | .1061 | 0 | 0 | 0 | 4 | 0 | 0 |
| WC | 12/23 | 13.00 | C | .0713 | 0 | 0 | 0 | 23 | 0 | 0 |
| Sub Total | 12/23 | | | | 20 | 20 | 0 | 956 | 20 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |

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Call Hard Red Spring Wheat Option for 08/01/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------------------|-------------|--------------|-----|-------|--------------|------------|----------|--------------|---------------|----------|
| WC | 3/24 | 8.80 | C | .5415 | 39 | 39 | 0 | 39 | 39 | 0 |
| WC | 3/24 | 9.70 | C | .3840 | 39 | 39 | 0 | 39 | 35 | 0 |
| WC | 3/24 | 10.00 | C | .3410 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 3/24 | 10.30 | C | .3027 | 0 | 0 | 0 | 17 | 0 | 0 |
| WC | 3/24 | 10.50 | C | .2799 | 20 | 20 | 0 | 20 | 20 | 0 |
| WC | 3/24 | 13.00 | C | .1127 | 20 | 20 | 0 | 20 | 20 | 0 |
| Sub Total | 3/24 | | | | 118 | 118 | 0 | 137 | 114 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WC | 9/24 | 8.00 | C | .5984 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 9/24 | 8.50 | C | .5229 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 9/24 | 9.00 | C | .4559 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 9/24 | 9.50 | C | .3980 | 0 | 0 | 0 | 2 | 0 | 0 |
| Sub Total | 9/24 | | | | 0 | 0 | 0 | 8 | 0 | 0 |
| Total | | | | | 456 | 456 | 0 | 6,368 | -2,032 | 0 |

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Put Hard Red Spring Wheat Option for 08/01/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------|-------|--------------|-----|-------|--------------|------|----------|-----------|--------|------|
| WP | 9/23 | 7.00 | P | .0087 | 0 | 0 | 0 | 10 | 0 | 0 |
| WP | 9/23 | 7.20 | P | .0165 | 0 | 0 | 0 | 9 | 0 | 0 |
| WP | 9/23 | 7.40 | P | .0383 | 18 | 18 | 0 | 8 | -16 | 0 |
| WP | 9/23 | 7.50 | P | .0638 | 0 | 0 | 0 | 220 | 0 | 0 |
| WP | 9/23 | 7.60 | P | .0785 | 7 | 7 | 0 | 25 | -7 | 0 |
| WP | 9/23 | 7.70 | P | .1075 | 0 | 0 | 0 | 29 | 0 | 0 |
| WP | 9/23 | 7.75 | P | .1227 | 3 | 3 | 0 | 3 | 3 | 0 |
| WP | 9/23 | 7.80 | P | .1396 | 0 | 0 | 0 | 574 | 0 | 0 |
| WP | 9/23 | 7.90 | P | .1763 | 200 | 200 | 0 | 107 | -198 | 0 |
| WP | 9/23 | 8.00 | P | .2176 | 0 | 0 | 0 | 181 | 0 | 0 |
| WP | 9/23 | 8.20 | P | .3109 | 5 | 5 | 0 | 101 | 4 | 0 |
| WP | 9/23 | 8.30 | P | .3610 | 0 | 0 | 0 | 500 | 0 | 0 |
| WP | 9/23 | 8.40 | P | .4112 | 20 | 20 | 0 | 279 | -19 | 0 |
| WP | 9/23 | 8.50 | P | .4614 | 0 | 0 | 0 | 550 | 0 | 0 |
| WP | 9/23 | 8.60 | P | .5108 | 0 | 0 | 0 | 172 | 0 | 0 |
| WP | 9/23 | 8.70 | P | .5586 | 2 | 2 | 0 | 3 | -2 | 0 |
| WP | 9/23 | 8.80 | P | .6041 | 0 | 0 | 0 | 74 | 0 | 0 |
| WP | 9/23 | 9.00 | P | .6863 | 0 | 0 | 0 | 83 | 0 | 0 |
| WP | 9/23 | 9.30 | P | .7870 | 0 | 0 | 0 | 100 | 0 | 0 |
| WP | 9/23 | 9.50 | P | .8378 | 0 | 0 | 0 | 2 | 0 | 0 |
| WP | 9/23 | 10.00 | P | .9207 | 0 | 0 | 0 | 11 | 0 | 0 |

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| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------------------|-------------|--------------|-----|-------|--------------|------------|----------|--------------|-------------|----------|
| WP | 9/23 | 10.50 | P | .9624 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sub Total | 9/23 | | | | 255 | 255 | 0 | 3,042 | -235 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WP | 12/23 | 6.80 | P | .0443 | 0 | 0 | 0 | 8 | 0 | 0 |
| WP | 12/23 | 7.00 | P | .0696 | 0 | 0 | 0 | 2 | 0 | 0 |
| WP | 12/23 | 7.30 | P | .1195 | 0 | 0 | 0 | 12 | 0 | 0 |
| WP | 12/23 | 7.50 | P | .1612 | 0 | 0 | 0 | 61 | 0 | 0 |
| WP | 12/23 | 7.60 | P | .1840 | 0 | 0 | 0 | 18 | 0 | 0 |
| WP | 12/23 | 7.70 | P | .2076 | 0 | 0 | 0 | 19 | 0 | 0 |
| WP | 12/23 | 7.90 | P | .2582 | 0 | 0 | 0 | 100 | 0 | 0 |
| WP | 12/23 | 8.00 | P | .2838 | 0 | 0 | 0 | 200 | 0 | 0 |
| WP | 12/23 | 8.20 | P | .3366 | 0 | 0 | 0 | 100 | 0 | 0 |
| WP | 12/23 | 8.25 | P | .3498 | 0 | 0 | 0 | 4 | 0 | 0 |
| WP | 12/23 | 8.40 | P | .3891 | 20 | 20 | 0 | 57 | 20 | 0 |
| WP | 12/23 | 8.50 | P | .4150 | 0 | 0 | 0 | 45 | 0 | 0 |
| WP | 12/23 | 8.60 | P | .4405 | 0 | 0 | 0 | 159 | 0 | 0 |
| WP | 12/23 | 8.70 | P | .4658 | 0 | 0 | 0 | 75 | 0 | 0 |
| WP | 12/23 | 8.90 | P | .5143 | 0 | 0 | 0 | 2 | 0 | 0 |
| WP | 12/23 | 9.00 | P | .5373 | 0 | 0 | 0 | 8 | 0 | 0 |
| WP | 12/23 | 9.20 | P | .5812 | 0 | 0 | 0 | 30 | 0 | 0 |

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Put Hard Red Spring Wheat Option for 08/01/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------------------|--------------|--------------|-----|-------|--------------|------------|----------|--------------|-------------|----------|
| WP | 12/23 | 9.40 | P | .6216 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sub Total | 12/23 | | | | 20 | 20 | 0 | 901 | 20 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WP | 3/24 | 7.60 | P | .2143 | 0 | 0 | 0 | 20 | 0 | 0 |
| WP | 3/24 | 7.70 | P | .2339 | 39 | 39 | 0 | 39 | 39 | 0 |
| WP | 3/24 | 8.40 | P | .3776 | 0 | 0 | 0 | 100 | 0 | 0 |
| Sub Total | 3/24 | | | | 39 | 39 | 0 | 159 | 39 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WP | 9/24 | 7.00 | P | .2383 | 0 | 0 | 0 | 8 | 0 | 0 |
| WP | 9/24 | 7.50 | P | .3210 | 0 | 0 | 0 | 8 | 0 | 0 |
| Sub Total | 9/24 | | | | 0 | 0 | 0 | 16 | 0 | 0 |
| Total | | | | | 314 | 314 | 0 | 4,118 | -176 | 0 |

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