



# SPECIFICATIONS

# UNSTIFFENED FARM BINS

| Bin Diameter    | Rings | Eave Height (ft) | Peak Height (ft) | Max Bushel Capacity | Max Bushel Capacity w/Plenum | Level Bushel Capacity w/Plenum | METRIC               |                      |                            |                            |
|-----------------|-------|------------------|------------------|---------------------|------------------------------|--------------------------------|----------------------|----------------------|----------------------------|----------------------------|
|                 |       |                  |                  |                     |                              |                                | Eave Height (Meters) | Peak Height (Meters) | Max Capacity (Cubic Meter) | Max Capacity (Metric Tons) |
| 15'<br>(4.57 m) | 3     | 11' 1"           | 15' 4"           | 1,836               | 1,671                        | 1,474                          | 3.38                 | 4.67                 | 61                         | 50                         |
|                 | 4     | 14' 9"           | 19'              | 2,382               | 2,218                        | 2,021                          | 4.50                 | 5.79                 | 79                         | 65                         |
|                 | 5     | 18' 5"           | 22' 8"           | 2,929               | 2,764                        | 2,567                          | 5.61                 | 6.91                 | 97                         | 80                         |
|                 | 6     | 22' 1"           | 26' 4"           | 3,475               | 3,310                        | 3,113                          | 6.73                 | 8.03                 | 115                        | 95                         |
|                 | 7     | 25' 9"           | 30'              | 4,021               | 3,857                        | 3,660                          | 7.85                 | 9.14                 | 134                        | 109                        |
|                 | 8     | 29' 5"           | 33' 8"           | 4,567               | 4,403                        | 4,206                          | 8.97                 | 10.26                | 152                        | 124                        |
|                 | 9     | 33' 1"           | 37' 4"           | 5,114               | 4,949                        | 4,752                          | 10.08                | 11.38                | 170                        | 139                        |
| 18'<br>(5.49 m) | 4     | 14' 9"           | 20' 2"           | 3,487               | 3,250                        | 2,910                          | 4.50                 | 6.15                 | 116                        | 95                         |
|                 | 5     | 18' 5"           | 23' 10"          | 4,274               | 4,037                        | 3,696                          | 5.61                 | 7.26                 | 142                        | 116                        |
|                 | 6     | 22' 1"           | 27' 6"           | 5,060               | 4,824                        | 4,483                          | 6.73                 | 8.38                 | 168                        | 138                        |
|                 | 7     | 25' 9"           | 31' 2"           | 5,847               | 5,610                        | 5,270                          | 7.85                 | 9.50                 | 194                        | 159                        |
|                 | 8     | 29' 5"           | 34' 10"          | 6,634               | 6,397                        | 6,057                          | 8.97                 | 10.62                | 220                        | 181                        |
|                 | 9     | 33' 1"           | 38' 6"           | 7,421               | 7,184                        | 6,843                          | 10.08                | 11.73                | 247                        | 202                        |
|                 | 10    | 36' 9"           | 42' 2"           | 8,207               | 7,970                        | 7,630                          | 11.20                | 12.85                | 273                        | 223                        |
| 21'<br>(6.40 m) | 4     | 14' 9"           | 21'              | 4,824               | 4,501                        | 3,961                          | 4.50                 | 6.40                 | 160                        | 131                        |
|                 | 5     | 18' 5"           | 24' 8"           | 5,894               | 5,572                        | 5,031                          | 5.61                 | 7.52                 | 196                        | 160                        |
|                 | 6     | 22' 1"           | 28' 4"           | 6,965               | 6,643                        | 6,102                          | 6.73                 | 8.64                 | 231                        | 190                        |
|                 | 7     | 25' 9"           | 32'              | 8,036               | 7,713                        | 7,173                          | 7.85                 | 9.75                 | 267                        | 219                        |
|                 | 8     | 29' 5"           | 35' 8"           | 9,107               | 8,784                        | 8,244                          | 8.97                 | 10.87                | 303                        | 248                        |
|                 | 9     | 33' 1"           | 39' 4"           | 10,177              | 9,855                        | 9,314                          | 10.08                | 11.99                | 338                        | 277                        |
|                 | 10    | 36' 9"           | 43'              | 11,248              | 10,926                       | 10,385                         | 11.20                | 13.11                | 374                        | 306                        |
| 24'<br>(7.32 m) | 4     | 14' 9"           | 22'              | 6,401               | 5,980                        | 5,173                          | 4.50                 | 6.71                 | 213                        | 174                        |
|                 | 5     | 18' 5"           | 25' 8"           | 7,800               | 7,378                        | 6,572                          | 5.61                 | 7.82                 | 259                        | 212                        |
|                 | 6     | 22' 1"           | 29' 4"           | 9,198               | 8,777                        | 7,970                          | 6.73                 | 8.94                 | 306                        | 250                        |
|                 | 7     | 25' 9"           | 33'              | 10,597              | 10,176                       | 9,369                          | 7.85                 | 10.06                | 352                        | 288                        |
|                 | 8     | 29' 5"           | 36' 8"           | 11,995              | 11,574                       | 10,767                         | 8.97                 | 11.18                | 399                        | 326                        |
|                 | 9     | 33' 1"           | 40' 4"           | 13,394              | 12,973                       | 12,166                         | 10.08                | 12.29                | 445                        | 365                        |
|                 | 10    | 36' 9"           | 44'              | 14,792              | 14,371                       | 13,564                         | 11.20                | 13.41                | 492                        | 403                        |
| 27'<br>(8.23 m) | 4     | 14' 9"           | 22' 9"           | 8,229               | 7,696                        | 6,547                          | 4.50                 | 6.93                 | 273                        | 224                        |
|                 | 5     | 18' 5"           | 26' 5"           | 9,999               | 9,466                        | 8,317                          | 5.61                 | 8.05                 | 332                        | 272                        |
|                 | 6     | 22' 1"           | 30' 1"           | 11,769              | 11,236                       | 10,087                         | 6.73                 | 9.17                 | 391                        | 320                        |
|                 | 7     | 25' 9"           | 33' 9"           | 13,539              | 13,006                       | 11,857                         | 7.85                 | 10.29                | 450                        | 369                        |
|                 | 8     | 29' 5"           | 37' 5"           | 15,309              | 14,776                       | 13,627                         | 8.97                 | 11.40                | 509                        | 417                        |
|                 | 9     | 33' 1"           | 41' 1"           | 17,079              | 16,546                       | 15,397                         | 10.08                | 12.52                | 568                        | 465                        |
|                 | 10    | 36' 9"           | 44' 9"           | 18,849              | 18,316                       | 17,167                         | 11.20                | 13.64                | 626                        | 513                        |



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| Bin Diameter     | Rings | Eave Height (ft) | Peak Height (ft) | Max Bushel Capacity | Max Bushel Capacity w/Plenum | Level Bushel Capacity w/Plenum | METRIC               |                      |                            |                            |
|------------------|-------|------------------|------------------|---------------------|------------------------------|--------------------------------|----------------------|----------------------|----------------------------|----------------------------|
|                  |       |                  |                  |                     |                              |                                | Eave Height (Meters) | Peak Height (Meters) | Max Capacity (Cubic Meter) | Max Capacity (Metric Tons) |
| 30'<br>(9.14 m)  | 4     | 14' 9"           | 23' 9"           | 10,317              | 9,659                        | 8,083                          | 4.50                 | 7.24                 | 343                        | 281                        |
|                  | 5     | 18' 5"           | 27' 5"           | 12,502              | 11,844                       | 10,268                         | 5.61                 | 8.36                 | 415                        | 340                        |
|                  | 6     | 22' 1"           | 31' 1"           | 14,687              | 14,029                       | 12,453                         | 6.73                 | 9.47                 | 488                        | 400                        |
|                  | 7     | 25' 9"           | 34' 9"           | 16,873              | 16,215                       | 14,638                         | 7.85                 | 10.59                | 561                        | 459                        |
|                  | 8     | 29' 5"           | 38' 5"           | 19,058              | 18,400                       | 16,824                         | 8.97                 | 11.71                | 633                        | 519                        |
|                  | 9     | 33' 1"           | 42' 1"           | 21,243              | 20,585                       | 19,009                         | 10.08                | 12.83                | 706                        | 578                        |
|                  | 10    | 36' 9"           | 45' 9"           | 23,428              | 22,770                       | 21,194                         | 11.20                | 13.94                | 779                        | 638                        |
| 33'<br>(10.06 m) | 4     | 14' 9"           | 24' 9"           | 12,674              | 11,878                       | 9,780                          | 4.50                 | 7.54                 | 421                        | 345                        |
|                  | 5     | 18' 5"           | 28' 5"           | 15,318              | 14,522                       | 12,424                         | 5.61                 | 8.66                 | 509                        | 417                        |
|                  | 6     | 22' 1"           | 32' 1"           | 17,962              | 17,166                       | 15,068                         | 6.73                 | 9.78                 | 597                        | 489                        |
|                  | 7     | 25' 9"           | 35' 9"           | 20,607              | 19,810                       | 17,713                         | 7.85                 | 10.90                | 685                        | 561                        |
|                  | 8     | 29' 5"           | 39' 5"           | 23,251              | 22,454                       | 20,357                         | 8.97                 | 12.01                | 773                        | 633                        |
|                  | 9     | 33' 1"           | 43' 1"           | 25,895              | 25,098                       | 23,001                         | 10.08                | 13.13                | 861                        | 705                        |
|                  | 10    | 36' 9"           | 46' 9"           | 28,539              | 27,743                       | 25,645                         | 11.20                | 14.25                | 948                        | 777                        |
| 36'<br>(10.97 m) | 4     | 14' 9"           | 25' 10"          | 15,310              | 14,363                       | 11,639                         | 4.50                 | 7.87                 | 509                        | 417                        |
|                  | 5     | 18' 5"           | 29' 6"           | 18,457              | 17,509                       | 14,786                         | 5.61                 | 8.99                 | 613                        | 502                        |
|                  | 6     | 22' 1"           | 33' 2"           | 21,604              | 20,656                       | 17,933                         | 6.73                 | 10.11                | 718                        | 588                        |
|                  | 7     | 25' 9"           | 36' 10"          | 24,750              | 23,803                       | 21,079                         | 7.85                 | 11.23                | 823                        | 674                        |
|                  | 8     | 29' 5"           | 40' 6"           | 27,897              | 26,950                       | 24,226                         | 8.97                 | 12.34                | 927                        | 759                        |
|                  | 9     | 33' 1"           | 44' 2"           | 31,044              | 30,096                       | 27,373                         | 10.08                | 13.46                | 1,032                      | 845                        |
|                  | 10    | 36' 9"           | 47' 10"          | 34,191              | 33,243                       | 30,520                         | 11.20                | 14.58                | 1,136                      | 931                        |
| 42'<br>(12.80 m) | 4     | 14' 9"           | 27' 7"           | 21,457              | 20,167                       | 15,842                         | 4.50                 | 8.41                 | 713                        | 584                        |
|                  | 5     | 18' 5"           | 31' 3"           | 25,740              | 24,450                       | 20,125                         | 5.61                 | 9.53                 | 855                        | 701                        |
|                  | 6     | 22' 1"           | 34' 11"          | 30,023              | 28,733                       | 24,408                         | 6.73                 | 10.64                | 998                        | 817                        |
|                  | 7     | 25' 9"           | 38' 7"           | 34,306              | 33,016                       | 28,691                         | 7.85                 | 11.76                | 1,140                      | 934                        |
|                  | 8     | 29' 5"           | 42' 3"           | 38,589              | 37,299                       | 32,974                         | 8.97                 | 12.88                | 1,282                      | 1,050                      |
|                  | 9     | 33' 1"           | 45' 11"          | 42,872              | 41,582                       | 37,257                         | 10.08                | 14.00                | 1,425                      | 1,167                      |
|                  | 10    | 36' 9"           | 49' 7"           | 47,155              | 45,865                       | 41,540                         | 11.20                | 15.11                | 1,567                      | 1,283                      |
| 48'<br>(14.63 m) | 4     | 14' 9"           | 29' 4"           | 28,832              | 27,147                       | 20,692                         | 4.50                 | 8.94                 | 958                        | 785                        |
|                  | 5     | 18' 5"           | 33'              | 34,426              | 32,742                       | 26,286                         | 5.61                 | 10.06                | 1,144                      | 937                        |
|                  | 6     | 22' 1"           | 36' 8"           | 40,020              | 38,336                       | 31,880                         | 6.73                 | 11.18                | 1,330                      | 1,089                      |
|                  | 7     | 25' 9"           | 40' 4"           | 45,615              | 43,930                       | 37,474                         | 7.85                 | 12.29                | 1,516                      | 1,242                      |
|                  | 8     | 29' 5"           | 44'              | 51,209              | 49,524                       | 43,069                         | 8.97                 | 13.41                | 1,702                      | 1,394                      |
|                  | 9     | 33' 1"           | 47' 8"           | 56,803              | 55,118                       | 48,663                         | 10.08                | 14.53                | 1,888                      | 1,546                      |
|                  | 10    | 36' 9"           | 51' 4"           | 62,397              | 60,712                       | 54,257                         | 11.20                | 15.65                | 2,074                      | 1,698                      |