

CONVERTING HARVESTED YIELD TO NO. 2 YELLOW CORN

% Moisture In Kernels	Lbs. Ear Corn Per Bushel	Lbs. Shelled Corn Per Bushel
11	63.67	53.48
12	64.59	54.09
13	65.62	54.71
14	66.60	55.35
15	67.70	56.00
16	68.82	56.67
17	70.02	57.35
18	71.22	58.05
19	72.53	58.77
20	73.83	59.50
21	75.24	60.25
22	76.65	61.03
23	78.16	61.82
24	79.67	62.63
25	81.18	63.47
26	82.67	64.32
27	84.21	65.21
28	85.70	66.11
29	87.21	67.04
30	88.73	68.00

Use this formula to estimate corn yield bu./Ac.

(No. of ears per 1/1000 of an acre) X (Avg. No. of rows/ear) X (Avg. No. of
Kernels/Row) / (90)

Use this formula to determine bu./Ac. Of No. 2 yellow corn @ 15% moisture:

(100-Harvest Moisture)x (Weight of Harvest Grain)x(109.815)/(Row Length, Ft.)/
(Row Width, inches)/(No. of Rows)=Bu. Of No. 2 Yellow Corn

Example: Six, 30" rows, 1000 feet in length are harvested,
yielding 3000 lbs. Of shelled corn @ 20.0% moisture.
(100-20.0% = 80.0) x 4000 lbs. X 109.815 / 1000 ft. /
30" / 6 rows = 195.23 Bu. / Ac. of # 2 Yellow Corn.