



DELTA GRAIN
C O M P A N Y

2022 Grain Drying Program

High Moisture Harvesting

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Field Loss Research



- Purdue study shows a 2% loss for every 1% moisture below black layer
 - Previous trials show a 1.1% loss for every 1% moisture below black layer
 - 5 Farmers participated in the study
 - Farmers stripe harvested the field for testing
 - The average from those trials was 1.1% loss for every 1% moisture below black layer
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Delta Grain Drying Charges



- Designed to encourage high moisture harvest
 - **Gross Bushels** are calculated at actual moisture
 - **Net Bushels** are gross bushels shrunk to a 15% moisture basis
 - **Drying Charges** are calculated from net bushels at 2¢/bushel for each ½ % moisture over 15%
 - For example, 16% moisture would be a \$0.04 drying charge
 - Delta Grain drying advantages
 - Scale – 15,000 bph drying capacity
 - Cheaper propane
 - Labor cost/bushel is less expensive
 - Capital expenses are less per bushel
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Delta Grain Delivery Premium



- Delta Grain encourages and pays for high moisture harvest
- Receive extra **one penny per day** before August 15th

Normal Year						
Moisture	Moisture		Dry Matter		Drying Charge \$/bu	Wet Harvest Advantage
	Gain/Loss Weight	Gain/Loss \$/bu	Loss/ Gain	Loss/ Gain		
26.0	0%	0	12.1%	\$ 0.73	-0.44	0.29
25.5	0%	0	11.6%	\$ 0.70	-0.42	0.28
25.0	0%	0	11.0%	\$ 0.66	-0.40	0.26
24.5	0%	0	10.5%	\$ 0.63	-0.38	0.25
24.0	0%	0	9.9%	\$ 0.60	-0.36	0.24
23.5	0%	0	9.4%	\$ 0.56	-0.34	0.22
23.0	0%	0	8.8%	\$ 0.53	-0.32	0.21
22.5	0%	0	8.3%	\$ 0.50	-0.30	0.20
22.0	0%	0	7.7%	\$ 0.47	-0.28	0.19
21.5	0%	0	7.2%	\$ 0.43	-0.26	0.17
21.0	0%	0	6.6%	\$ 0.40	-0.24	0.16
20.5	0%	0	6.1%	\$ 0.37	-0.22	0.15
20.0	0%	0	5.5%	\$ 0.33	-0.20	0.13
19.5	0%	0	5.0%	\$ 0.30	-0.18	0.12
19.0	0%	0	4.4%	\$ 0.27	-0.16	0.11
18.5	0%	0	3.9%	\$ 0.23	-0.14	0.09
18.0	0%	0	3.3%	\$ 0.20	-0.12	0.08
17.5	0%	0	2.8%	\$ 0.17	-0.10	0.07
17.0	0%	0	2.2%	\$ 0.13	-0.08	0.05
16.5	0%	0	1.7%	\$ 0.10	-0.06	0.04
16.0	0%	0	1.1%	\$ 0.07	-0.04	0.03
15.5	0%	0	0.6%	\$ 0.03	-0.02	0.01
15.0	0%	0	0.0%	\$ -	0	0.00
14.5	-0.67%	-0.04	-0.6%	\$ (0.03)	0	-0.07
14.0	-1.34%	-0.08	-1.1%	\$ (0.07)	0	-0.15
13.5	-2.02%	-0.12	-1.7%	\$ (0.10)	0	-0.22
13.0	-2.69%	-0.16	-2.2%	\$ (0.13)	0	-0.30
12.5	-3.36%	-0.20	-2.8%	\$ (0.17)	0	-0.37
12.0	-4.03%	-0.24	-3.3%	\$ (0.20)	0	-0.44
11.5	-4.71%	-0.28	-3.9%	\$ (0.23)	0	-0.52
11.0	-5.38%	-0.32	-4.4%	\$ (0.27)	0	-0.59

Early Harvest Advantages



Early harvest avoids these **issues** every year:

Increased Header Loss

- Prevent grain bouncing out of the header



Early Harvest Advantages



Early harvest avoids these **issues** every year:

Ear Drop

- Prevent stress, disease, and insects prior to harvest



Early Harvest Advantages



Early harvest avoids these **issues** every year:

Stalk Lodging

- Prevent breakage of the stalk below the ear caused by severe weather, hard rains, wind, and hail can devastate a crop in a matter of minutes



Early Harvest Advantages



Early harvest avoids these **issues** every year:

Stalk Rot

- Prevent breakage of the stalk below the ear caused by fungus, worse in high humidity and temperature environment after silking



Early Harvest Advantages



Early harvest avoids these **issues** every year:

Wildlife invasions

- Prevent issues caused by wild hogs, deer, and other wildlife attacking corn crops.





Early Harvest Advantages

Early harvest avoids these **issues** every year:

Late Season Weather

- Prevent hurricane and late season storms by harvesting corn earlier in the season.





Early Harvest Advantages

Early harvest increases these **opportunities** every year:

- Shorter elevator lines
 - More trucks available
 - Start field work earlier
 - Harvest time management
 - Receive your cash quicker
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Summary



Take advantage of current inverted market conditions

Increase your price per bushel

Receive your cash quicker

Increase your harvest window

High moisture corn increases your bottom line
