A1 – Domestic Producer Surplus (*above 11*) for producers who would produce at prices of 11.0 or below.

A2 – Domestic Producer Surplus for producers who only would produce between 11.0 and 11.3.

A3 – Domestic Producer Surplus for producers who only would produce at prices of 11.3 and above.

B1 – Excess Cost (*above 11*) for Domestic Producers who would produce at prices between 11 and 11.3.

B2 – Excess Cost (*above 11*) for Domestic Producers who would produce at prices of 11.3 and above.

C – Consumer surplus (loss) for demand with marginal valuations between 11 and 21.8, at world price of 11.

D – Profits to Foreign Producers from selling at US price of 21.8 instead of world price of 11.

E – Profits on HFCS

F – Excess Cost of HFCS production, above world sugar price of 11.
Calculations

\[ B_1 = 0.5 \times (0.3 \times 0.5) = 0.075 \text{ billion cents} = $0.75 \text{ million} = $750 \text{ thousand} \]

\[ A_1 = 10.8 \times 4.6 = 49.7 \text{ billion cents} = $497 \text{ million} \]

\[ A_2 = 10.8 \times 0.5 - B_1 = 5.33 \text{ billion cents} = $53.3 \text{ million} \]

\[ E = 15.7 \times 10.5 = 164.9 \text{ billion cents} = $1,649 \text{ million} \]

\[ F = 15.7 \times 0.3 = 4.7 \text{ billion cents} = $47 \text{ million} \]

\[ A_3 = 0.5 \times (14.3 \times 10.5) = 75.1 \text{ billion cents} = $751 \text{ million} \]

\[ B_2 = 14.3 \times 10.8 - A_2 = 79.3 \text{ billion cents} = $793 \text{ million} \]

\[ D = 10.8 \times 3.5 = 37.8 \text{ billion cents} = $378 \text{ million} \]

\[ C = 0.5 \times (5.7 \times 10.8) = 30.8 \text{ billion cents} = $308 \text{ million} \]

\[ A = A_1 + A_2 = $1,300 \text{ million} \quad B = B_1 + B_2 = $794 \text{ million} \]

\[ \text{change in CS} = (A + B + E + F + D + C) = 10.8 \times 38.6 + C = 334 + 23 = $4.475 \text{ billion}. \]

\[ \text{change in PS} = A + E = $2.949 \text{ billion} \]

• Revenue to importers = D = $378 million

• Deadweight loss = B + F + C = $1,149 million