



|            |                                 |
|------------|---------------------------------|
| Estudiante | Parada Silva Freddy (frparada1) |
| Jugada No. | 4                               |
| Participó  | Si                              |

## COSTOS DE LA PLANEACIÓN AGREGADA

| Período    | Inventario | Costo MOD    | Costo Contratar/<br>Despedir | Costo Inventarios | Costo Subcontratar | Costo Período |
|------------|------------|--------------|------------------------------|-------------------|--------------------|---------------|
| Enero      | 18,362     | \$15,056,844 | \$15,000                     | \$27,543,000      | \$3,000            | \$42,617,844  |
| Febrero    | 34,919     | \$13,802,127 | \$2,500                      | \$52,378,500      | \$3,000            | \$66,186,127  |
| Marzo      | 56,578     | \$17,566,358 | \$6,000                      | \$84,867,000      | \$3,000            | \$102,442,358 |
| Abril      | 74,585     | \$15,056,864 | \$5,000                      | \$111,877,500     | \$3,000            | \$126,942,364 |
| Mayo       | 96,442     | \$18,821,075 | \$6,000                      | \$144,663,000     | \$3,000            | \$163,493,075 |
| Junio      | 111,068    | \$12,547,370 | \$12,500                     | \$166,602,000     | \$3,000            | \$179,164,870 |
| Julio      | 130,132    | \$16,311,601 | \$6,000                      | \$195,198,000     | \$3,000            | \$211,518,601 |
| Agosto     | 154,209    | \$20,075,832 | \$6,000                      | \$231,313,500     | \$3,000            | \$251,398,332 |
| Septiembre | 175,503    | \$17,566,358 | \$5,000                      | \$263,254,500     | \$3,000            | \$280,828,858 |
| Octubre    | 192,878    | \$15,056,864 | \$5,000                      | \$289,317,000     | \$3,000            | \$304,381,864 |
| Noviembre  | 208,801    | \$13,802,107 | \$2,500                      | \$313,201,500     | \$3,000            | \$327,009,107 |
| Diciembre  | 223,392    | \$12,547,370 | \$2,500                      | \$335,088,000     | \$3,000            | \$347,640,870 |

## RESULTADOS PLANEACIÓN AGREGADA

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$2,403,624,270 |
| Costo Unitario Promedio | \$10,015        |



## MEDIDAS DE DESEMPEÑO

|                                     |          |
|-------------------------------------|----------|
| Tasa de utilización de la capacidad | 251250%  |
| Tasa de eficiencia de la capacidad  | 251250%  |
| Colchón de capacidad                | -251150% |

## COSTOS DEL PLAN DE REQUERIMIENTO DE MATERIALES (MRP)

| Período              | -5 | -4 | -3 | -2 | -1 | 0 | 1     | 2     | 3     | 4     | 5     | 6     |
|----------------------|----|----|----|----|----|---|-------|-------|-------|-------|-------|-------|
| Costos del Insumo    | 0  | 0  | 0  | 0  | 0  | 0 | 5250  | 7875  | 10500 | 13125 | 2625  | 5250  |
| Costos de Inventario | 0  | 0  | 0  | 0  | 0  | 0 | 8900  | 8900  | 8900  | 8900  | 8900  | 8900  |
| Costos Totales       | 0  | 0  | 0  | 0  | 0  | 0 | 14150 | 16775 | 19400 | 22025 | 11525 | 14150 |