

Target Cost

Russian salad "Herring under a fur coat" (0,3 Kg)

LEGEND

Quantity: 1

PRICE CALCULATION RULES (You need to be changed functon target_costprice)

This is an example of how to do it :
 1) Prices are recalculated at the exchange rate at the time the report is launched
 2) For each last day of the month, the cost is calculated, it includes the standard cost, transportation costs, customs costs
 3) It is accepted as a rule that the calculated value is valid until the date of calculation. For example, the cost is calculated for April 30, which means it is valid in the interval from April 1 to April 30 (taking into account that the previous calculation was for March 31).

PRICE DETERMINATION SEQUENCE (needs to be changed functon target_costprice)

This is an example of how to do it :
 1) weighted average calculated cost if the date falls within the above specified interval
 2) the price from the request for approval, where the price start date is greater than the date of the last calculation of the weighted average cost (not for a specific NOM, but in general the date of the last calculation for all NOM)
 3) the price from the purchase order, where the date of the promise is greater than the date of the last calculation of the weighted average cost (not for a specific NOM, but in general the date of the last calculation for all NOM)
 4) price from delivery, where the date of the promise is greater than the date of the last calculation of the average weighted cost (not for a specific NOM, but in general the date of the last calculation for all NOM). There are no prices in supplies, so if there is no invoice, then the price is taken from the order.
 5) if nothing is found, then the last weighted average cost is looked at

VARIANCE ANALYSIS: Value 0 is not displayed

DEVIATIONS:
 (11=9-4) Cost change = DATE 2 Total price/cost - DATE 1 Total price/cost
 (12=7-2) Quantity change = DATE 2 Qty Required - DATE 1 Qty Required
 (13=8-3) Price change = DATE 2 Price/cost - DATE 1 Price/cost

FACTOR ANALYSIS OF DEVIATIONS:

1) Impact of quantity and price for raw materials (lowest level of the BOM tree)
 a) (14=3*12) The influence of quantity on the change in cost = DATE 1 Price/cost * Quantity change
 b) (15=7*13) Impact of price on cost change = DATE 2 Qty Required * Price change
 2) The influence of quantity and price for semi-finished products and finished products (higher levels of the BOM tree)
 a) (sum14) The influence of quantity on the change in value = the sum of these values for the components of this semi-finished products or finished products
 b) (sum15) The influence of price on the change in value = the sum of these values for the components of this semi-finished products or finished products
 3) The influence of quantity and price on the change in cost in %
 a) (16=14/11) Influence of quantity on change in cost, % = Influence of quantity on change in cost / Change in cost
 b) (17=15/11) Influence of price on the change in value, % = Influence of price on the change in value / Change in value

CHECKS

1) Check 1 - total change in value in rubles
 2) Check 2 - cost change factor, indicator, any change = 100% or -100%

№	Product	15.12.2023 00.00					24.02.2024 00.00					VARIANCE ANALYSIS								
		DATE 1					DATE 2					Deviations		Factor analysis of deviations				check 1	check 2	
		Quantity BOM	Qty Required	Price/Cost	Total price/cost	Description	Quantity BOM	Qty Required	Price/Cost	Total price/cost	Description	Total price/cost change	Qty change	Price/cost change	Influence of quantity on cost change	Influence of price on changes in value	Influence of quantity on change in cost, %	Influence of price on cost change, %	Change in cost TOTAL	Cost change factor
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
1	Russian salad "Herring under a fur coat" (0,3 Kg)[Ea] (10000021)	1 Ea	1.00000	106.69	106.69	Any descr for your formula	1 Ea	1.00000	111.37	111.37	Any descr for your formula	4.69	0	4.68	3.69	1.00	0.79	0.21	4.69	100.00 %
2	1_Box 0,35 L[Ea] (10000022)	1 Ea	1.00000	10.00	10.00	Standart price	1 Ea	1.00000	12.00	12.00	Standart price	2.00	0	2.00	0	0	0	1.00	2.00	100.00 %
3	1_Cook[h] (Cook)	1.0 m	1.00000	200.00	3.33	Standart price	1.0 m	1.00000	200.00	3.33	Standart price	0	0	0	0	0	0	0	0	0
4	1_Russian salad "Herring under a fur coat"[Kg] (10000020)	0.3 Kg	0.30000	311.18	93.35	Any descr for your formula	0.3 Kg	0.30000	320.14	96.04	Any descr for your formula	2.69	0	8.96	3.69	-1.00	1.37	-0.37	2.69	100.00 %
5	2_Beets boiled (peeled, chopped)[Kg] (10000013)	16.2 %	0.04860	104.30	5.07	Any descr for your formula	16.2 %	0.04860	104.30	5.07	Any descr for your formula	0	0	0	0	0	0	0	0	0
6	3_Beets (boiled)[Kg] (10000014)	1.033 Kg	0.05020	84.83	4.26	Any descr for your formula	1.033 Kg	0.05020	84.83	4.26	Any descr for your formula	0	0	0	0	0	0	0	0	0
7	4_Beets[Kg] (10000001)	1.03 Kg	0.05171	50.00	2.59	Standart price	1.03 Kg	0.05171	50.00	2.59	Standart price	0	0	0	0	0	0	0	0	0
8	4_Manufacturing facility[h] (Manufacturing facility)	40 m	2.00815	50.00	1.67	Standart price	40 m	2.00815	50.00	1.67	Standart price	0	0	0	0	0	0	0	0	0
9	3_Cook Helper[h] (Cook Helper)	10 m	0.48600	100.00	0.81	Standart price	10 m	0.48600	100.00	0.81	Standart price	0	0	0	0	0	0	0	0	0
10	2_Carrot boiled (peeled, chopped)[Kg] (10000011)	10.29 %	0.03087	166.81	5.15	Any descr for your formula	10.29 %	0.03087	161.15	4.97	Any descr for your formula	-0.17	0	-5.66	-0.17	0	-1.00	-0.17	-0.17	-100.00 %
11	3_Carrot (boiled)[Kg] (10000012)	1.10 Kg	0.03396	97.10	3.30	Any descr for your formula	1.10 Kg	0.03396	91.95	3.12	Any descr for your formula	-0.17	0	-5.15	-0.17	0	-1.00	-0.17	-0.17	-100.00 %
12	4_Carrot[Kg] (10000002)	1.03 Kg	0.03498	70.00	2.45	Standart price	1.03 Kg	0.03498	65.00	2.27	Standart price	-0.17	0	-5.00	-0.17	0	-1.00	-0.17	-0.17	-100.00 %
13	4_Manufacturing facility[h] (Manufacturing facility)	0.5 h	0.01698	50.00	0.85	Standart price	0.5 h	0.01698	50.00	0.85	Standart price	0	0	0	0	0	0	0	0	0
14	3_Cook Helper[h] (Cook Helper)	0.6 h	0.01852	100.00	1.85	Standart price	0.6 h	0.01852	100.00	1.85	Standart price	0	0	0	0	0	0	0	0	0
15	2_Chicken egg (boiled, peeled, chopped)[Kg] (10000016)	9.11 %	0.02733	215.67	5.89	Any descr for your formula	9.11 %	0.02733	235.57	6.44	Any descr for your formula	0.54	0	19.90	0.54	0	1.00	0.54	0.54	100.00 %
16	3_Chicken egg[Ea] (10000003)	995 g	27.19335	10.00	5.44	Standart price	995 g	27.19335	11.00	5.98	Standart price	0.54	0	1.00	0.54	0	1.00	0.54	0.54	100.00 %
17	3_Cook Helper[h] (Cook Helper)	10 m	0.27330	100.00	0.46	Standart price	10 m	0.27330	100.00	0.46	Standart price	0	0	0	0	0	0	0	0	0
18	3_Eggshell[Kg] (10000019)	-5 g	0.1366500	0.00	0.00	Any descr for your formula	-5 g	0.1366500	0.00	0.00	Any descr for your formula	0	0	0	0	0	0	0	0	0
19	2_Cook[h] (Cook)	15 m	4.50000	200.00	15.00	Standart price	15 m	4.50000	200.00	15.00	Standart price	0	0	0	0	0	0	0	0	0
20	2_Herring atlantic (cut, peeled, chopped)[Kg] (10000018)	25.0 %	0.07500	464.93	34.87	Any descr for your formula	25.0 %	0.07500	464.93	34.87	Any descr for your formula	34.87	0.08	464.93	34.87	0	1.00	0	34.87	100.00 %
21	3_Cook Helper[h] (Cook Helper)	35.0 m	2.62500	100.00	4.37	Standart price	35.0 m	2.62500	100.00	4.37	Standart price	4.37	0.04	0	4.37	0	1.00	0	4.37	100.00 %
22	3_Herring atlantic[Kg] (10000017)	1.07 Kg	0.08025	380.00	30.50	Standart price	1.07 Kg	0.08025	380.00	30.50	Standart price	30.50	0.08	0	30.50	0	1.00	0	30.50	100.00 %
23	2_Herring sea (cut, peeled, chopped)[Kg] (10000008)	24.0 %	0.07200	412.27	29.68	Any descr for your formula	24.0 %	0.07200	412.27	29.68	Any descr for your formula	-29.68	-0.07	-412.27	-29.68	0	-1.00	0	-29.68	-100.00 %
24	3_Cook Helper[h] (Cook Helper)	40.0 m	2.88000	100.00	4.80	Standart price	40.0 m	2.88000	100.00	4.80	Standart price	-4.80	-0.05	0	-4.80	0	-1.00	0	-4.80	-100.00 %
25	3_Herring sea[Kg] (10000007)	1.08 Kg	0.07776	320.00	24.88	Standart price	1.08 Kg	0.07776	320.00	24.88	Standart price	-24.88	-0.08	0	-24.88	0	-1.00	0	-24.88	-100.00 %
26	2_Mayonnaise[Kg] (10000004)	16.2 %	0.04860	500.00	24.30	Standart price	16.2 %	0.04860	470.00	21.43	Standart price	-2.87	-0.00	-30.00	-1.50	-1.37	-0.52	-0.48	-2.87	-100.00 %
27	2_Onion (peeled, chopped)[Kg] (10000015)	8 %	0.02400	124.75	2.99	Any descr for your formula	8 %	0.02400	124.75	2.99	Any descr for your formula	0	0	0	0	0	0	0	0	0
28	3_Cook Helper[h] (Cook Helper)	0.5 h	0.01200	100.00	1.20	Standart price	0.5 h	0.01200	100.00	1.20	Standart price	0	0	0	0	0	0	0	0	0
29	3_Onions[Kg] (10000005)	1.15 Kg	0.02760	65.00	1.79	Standart price	1.15 Kg	0.02760	65.00	1.79	Standart price	0	0	0	0	0	0	0	0	0
30	2_Potatoes boiled (peeled, chopped)[Kg] (10000010)	16.2 %	0.04860	108.30	5.26	Any descr for your formula	16.2 %	0.04860	108.30	5.26	Any descr for your formula	0	0	0	0	0	0	0	0	0
31	3_Manufacturing facility[h] (Manufacturing facility)	20 m	0.97200	50.00	0.81	Standart price	20 m	0.97200	50.00	0.81	Standart price	0	0	0	0	0	0	0	0	0
32	3_Potatoes (boiled)[Kg] (10000009)	1.1 Kg	0.05346	83.30	4.45	Any descr for your formula	1.1 Kg	0.05346	83.30	4.45	Any descr for your formula	0	0	0	0	0	0	0	0	0
33	4_Manufacturing facility[h] (Manufacturing facility)	0.5 h	0.02673	50.00	1.34	Standart price	0.5 h	0.02673	50.00	1.34	Standart price	0	0	0	0	0	0	0	0	0
34	4_Potatoes[Kg] (10000006)	1.06 Kg	0.05667	55.00	3.12	Standart price	1.06 Kg	0.05667	55.00	3.12	Standart price	0	0	0	0	0	0	0	0	0

Total Qty Required:

№	Category	Product	15.12.2023 00.00				24.02.2024 00.00					
			Qty Required	Price/Cost	Total price/cost	Description	Qty Required	Price/Cost	Total price/cost	Description		
1	0	Russian salad "Herring under a fur coat" (0,3 Kg) (10000021)	1.00	Ea	106.69	106.69	Any descr for your formula	1.00	Ea	111.37	111.37	Any descr for your formula
2	1	Beets (boiled) (10000014)	0.05	Kg	84.83	4.26	Any descr for your formula	0.05	Kg	84.83	4.26	Any descr for your formula
3	1	Beets boiled (peeled, chopped) (10000013)	0.05	Kg	104.30	5.07	Any descr for your formula	0.05	Kg	104.30	5.07	Any descr for your formula
4	1	Carrot (boiled) (10000012)	0.03	Kg	97.10	3.30	Any descr for your formula	0.03	Kg	91.95	3.12	Any descr for your formula
5	1	Carrot boiled (peeled, chopped) (10000011)	0.03	Kg	166.81	5.15	Any descr for your formula	0.03	Kg	161.15	4.97	Any descr for your formula
6	1	Chicken egg (boiled, peeled, chopped) (10000016)	0.03	Kg	215.67	5.89	Any descr for your formula	0.03	Kg	235.57	6.44	Any descr for your formula
7	1	Herring atlantic (cut, peeled, chopped) (10000018)	0.08	Kg	0.00	0.00	Any descr for your formula	0.08	Kg	464.93	34.87	Any descr for your formula
8	1	Herring sea (cut, peeled, chopped) (10000008)	0.07	Kg	412.27	29.68	Any descr for your formula	0.07	Kg	0.00	0.00	Any descr for your formula
9	1	Onion (peeled, chopped) (10000015)	0.02	Kg	124.75	2.99	Any descr for your formula	0.02	Kg	124.75	2.99	Any descr for your formula
10	1	Potatoes (boiled) (10000009)	0.05	Kg	83.30	4.45	Any descr for your formula	0.05	Kg	83.30	4.45	Any descr for your formula
11	1	Potatoes boiled (peeled, chopped) (10000010)	0.05	Kg	108.30	5.26	Any descr for your formula	0.05	Kg	108.30	5.26	Any descr for your formula
12	1	Russian salad "Herring under a fur coat" (10000020)	0.30	Kg	311.18	93.35	Any descr for your formula	0.30	Kg	320.14	96.04	Any descr for your formula
13	2	Beets (10000001)	0.05	Kg	50.00	2.59	Standart price	0.05	Kg	50.00	2.59	Standart price
14	2	Box 0,35 L (10000022)	1.00	Ea	10.00	10.00	Standart price	1.00	Ea	12.00	12.00	Standart price
15	2	Carrot (10000002)	0.03	Kg	70.00	2.45	Standart price	0.03	Kg	65.00	2.27	Standart price
16	2	Chicken egg (10000003)	0.54	Ea	10.00	5.44	Standart price	0.54	Ea	11.00	5.98	Standart price
17	2	Cook (Cook)	0.08	h	200.00	15.00	Standart price	0.08	h	200.00	15.00	Standart price
18	2	Cook (Cook)	0.02	h	200.00	3.33	Standart price	0.02	h	200.00	3.33	Standart price
19	2	Cook Helper (Cook Helper)	0.05	h	100.00	4.80	Standart price	0.05	h	100.00	4.80	Standart price