More than one supplier per product makes the single supplier ID insufficient.

Adding more supplier_ID fields is not the solution. It causes non-normal data. What if we need a third?

Normalize: The solution is to add a new table to represent the relationships between the products and the several suppliers for each product. The primary key in the new table is the combination of prod_ID + supp_ID

Product

ID	PK-char
description	char
current_price	amount
reward_factor	Int
Onhand	Int
reorder_pt	Int
reorder_qty	Int
uomeasure	Int
supplier_ID	FK-char

Supplier

ID	PK-ID
Add_ID	FK-char
name	char
phone	char
email	char

Product

ID	PK-char
description	char
current_price	amount
reward_factor	Int
Onhand	Int
reorder_pt	Int
reorder_qty	Int
uomeasure	Int
supplier_ID	FK-char
supplier2_ID	FK-char

Supplier

ID	PK-ID
Add_ID	FK-char
name	char
phone	char
email	char

Product

ID	PK-char
description	char
current_price	amount
reward_factor	Int
Onhand	Int
reorder_pt	Int
reorder_qty	Int
uomeasure	Int

Product_supplier

Prod_ID	FK-char
Supp_ID	FK-char
cost	amount
days	Int

Supplier

ID	PK-ID
Add_ID	FK-char
name	char
phone	char
email	char

0..n   1..n
0..n

1 to 1