

**Capsicum:** Capsicum, also known as red pepper or chili pepper, is an herb. Its fruit is commonly applied to the skin for arthritis pain and other conditions.

The fruit of the capsicum plant contains a chemical called capsaicin. Capsaicin is what seems to help reduce pain and swelling. A particular form of capsicum causes intense eye pain and other unpleasant effects when it comes in contact with the face. This form is used in self-defense pepper sprays. Capsicum is commonly used for nerve pain and other painful conditions. It is also used for many other purposes, including digestion problems, conditions of the heart and blood vessels, and many others, but there is no good scientific evidence for many of these uses.

Sirial No:	Farmer Name	Village	Upazilla	District	Cultivated area (Decimal)	Total cost	Yeild/Kg	Selling prise	Total Income
1	Susmita	Khutikata	Shyamnagar	Satkhira	12	14800	620	49600	34800

\* For Demonstration the innovative farmer was selected who practiced vermi-compost and use for land preparation. Farmer raise seedling in bed and transfer main land after 30 days of germination. In 100 day production he gets 620 kg capsicum which local market price was 100-140 taka. After linkage in the super market he can earn more money from capsicum cultivation. NGF interested to Work in cluster based capsicum cultivation after linkage with different super market on the target of elite customer. It is great success that farmer can cultivate the capsicum in the coastal Satkhira as high valued crop.



Picture: High valued Crop (Capsicum) cultivation

The demonstration was conducted with United seed (maria). In the premature stage Capsicum become green colored and after mature it turn into Yellow and red. Farmer can sell in green stage when Capsicum weight is heavy and price is less comparative to the Yellow and red capsicum. Field experience also says that mulching paper very useful for capsicum cultivation. Though farmer used natural mulching (rice-straw) system but it can create different fungal diseases.

