

**DESCRIPTION OF BROMOSTOP®
VIRTUALLY IMPERMEABLE FILM**

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BROMOSTOP® made by IPM (Industria Plastica Monregalese) of Italy is a Virtually Impermeable Film which complies with the standard NFT 54-105 of the French Ministry of Agriculture. This standard is universally accepted in Europe. The standard specifies that in order that film be classified as VIF its permeability to oxygen should be not more than 0.20 g/m²xh on the basis of the tests it describes. Bromostop comfortably complies with this requirement.

In the form of 4metre (13ft 1 in) broadcast film Bromostop has been used commercially in Europe for about 5 years, and is being tested in the USA.

In the last four years a great deal of development work has been done on VIF mulch produced from Bromostop film. The technical requirements for this product are much more severe than for broadcast film for the following reasons:

1. The mechanical stresses applied to mulch when being laid in the field are far greater than those applied to broadcast film.
2. The life required is far longer. Usually a minimum of 12 months, though in some applications up to 3 years has been requested. Bromostop mulch laid 2 years ago is holding up to the satisfaction of the users, and it is expected that it will comply with the 3 year life required.

Bromostop mulch has been used commercially over the last two years in several European countries. A number of scientists in the USA are currently carrying out field trails to evaluate the benefits of its use with alternative fumigants.