

INTEGRATED PEST MANAGEMENT

FARMERS USE A RANGE OF TECHNIQUES TO REDUCE THE IMPACT OF PESTS AND DISEASES ON THEIR CROPS AND MINIMISE THE USE OF PESTICIDES



CULTIVATION TECHNIQUE

preparing the land to prevent pest build up and to control weeds



CROP ROTATION

planting different crops in a field each year to maintain soil health and disrupt pests



COVER CROPS

to protect the soil, reduce erosion, improve soil and water quality, improving fertility between harvested crops



RESISTANT CROP VARIETIES

Varieties of crops that are more naturally resistant to diseases and pests



SPRING/AUTUMN PLANTING

planting crops at different times of the year when pests are less prevalent



SEEDING DENSITY

managing the number of seeds planted to reduce the chance of weeds and pests taking hold



HABITAT FOR BENEFICIAL INSECTS

providing areas where insects that feed on pests can thrive

HOW IPM IS DELIVERING?

Over the last 30 years farmers have almost **halved** the amount of chemical fertilisers and pesticides used whilst maintaining or increasing crop yields

British Farmers are Key to maintaining and enhancing 70% of the nations iconic countryside. Here's a few things a holistic integrated approach to pest management on farm delivers for the environment:

**MORE THAN
30,000KM OF
HEDGEROWS**

have been planted or restored by farmers providing habitats and enhancing biodiversity.



There were
**121 SPECIES
OF BIRDS**

recorded by more than
1000 farmers

in the 2018

GWCT

Big Farmland Bird Count

10,000

**FOOTBALL PITCHES OF
WILDFLOWER
HABITAT**

have been planted, creating homes for bees and food for birds and insects



The
Voluntary
Initiative

Promoting responsible pesticide use

The Voluntary Initiative provides schemes that ensure the responsible use of pesticides- including the integrated pest management plan (IPMP), National Sprayer Testing Scheme (NSTS) and the National Register of Sprayer Operators (NRoSO)

**MORE THAN
20,000
MEMBERS**

are on the National Register of Sprayer Operators (NRoSO) promoting best practice and responsible use.

NSTS all pesticide application equipment must hold a valid test certificate to comply with national legislation.



LINKING ENVIRONMENT AND FARMING

LEAF has been promoting IPM since it began in 1991. LEAF promote knowledge exchange and best practice through their 36 demonstration farms and 11 innovation centres across the UK encouraging IPM management including the LEAF sustainable farming review.

CAMPAIGN
FOR THE FARMED
ENVIRONMENT



SURVEY RESULTS 2017

87% managed their land voluntarily to benefit the environment whilst farming productively.

**MORE THAN 30% OF FARMERS
HAVE VOLUNTARILY ADOPTED GRASS BUFFER
STRIPS NEXT TO WATERCOURSES**

and **20%** have winter cover crops to improve water quality.

90% OF FARMERS thought that protecting soil and water and using inputs efficiently was **very important**