



Techneat Environmental has set up a dedicated recycling business to enable farmers to dispose of their waste plastics at the lowest possible cost, in full accordance with current environmental waste legislation (duty of care) requirements that come into force in May 2007.

Our aim is to offer:

- Low cost solution to your disposal needs
- Simple system with no hidden costs
- Drop-off service at Techneat Environmental (by appointment)
- Collection service within East Anglia
- Full compliance with waste legislation
- Support with identification of plastic types
- To recycle 100% of the plastics received into products within the UK (wherever possible)

Techneat Environmental can currently deal with the following plastic waste streams:

- **PE (Polyethylene) Non Film** – majority of pesticide containers
- **PP (Polypropylene)** – fertiliser bags
- **PET (Polyethylene Terephthalate)** – pesticide containers
- **PE (Polyethylene) Film** – silage wrap, field covering etc

Techneat Environmental will work with farmers to develop economic and effective recycling routes through:

- Identification
- Segregation
- Cleanliness
- Volume reduction
- Storage

Different waste streams require different on-farm treatment to facilitate effective and economic recycling. The following table indicates the steps to follow for the various types of waste.

Waste Type	Plastic Packaging	Woven Fertiliser & Seed Bags	Pesticide Containers	String and Net Wrap
Waste Stream	1	2	3 / 4	5
Identification	All LDPE	All PP	Containers are either PE or PET	ALL PP
Segregation	All LDPE	All PP	PE and PET are not compatible and must be segregated	ALL PP
Cleanliness	Removal of all product	Removal of all product	Triple rinse and drain	Removal of straw or hay (as best as possible)
Volume Reduction	Can be achieved through baling – see Bag-Boxer leaflet	Can be achieved through baling	Can be achieved through shredding – see ChipPE leaflet	Can be achieved through baling
Storage	Best stored under cover in bales or in Techneat storage bags if not baled	Best stored under cover in bales or packed into bags	Effective undercover storage inside in Techneat storage bags to allow easy uplift Cans to be stored after lids removed	Best stored under cover in bales or in Poly bags if not baled

Each stream of waste must be stored safely, allowing easy access on a hard standing.

Legal Compliance

Techneat Environmental is a fully licensed and regulated waste management company. All ex-farm waste collections or self-delivery drop-offs will be accompanied by a duty of care transfer note. Techneat Environmental is registered as a waste carrier and holds necessary waste management licences with the Environment Agency.

Carrier registration: Registration no. ACE/110106. Expiry Date: 19/07/2009
Waste management exemption licences: NCC/001731, NCC/001732.

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Techneat Environmental is a wholly owned subsidiary of Techneat Engineering Ltd.



Low Cost Recycling
Made Possible
Through Partnership



Farm Waste Plastic Recycling from as little as £65 per annum.

Collection, compressing, storage, shredding, washing, rinsing....

Helping Hands

To aid volume reduction and storage, Techneat has developed a number of new products. These products are all unique and aimed at solving farming waste issues.



ChipPE

- Smoothly shreds containers
- Volume reduction 5-6:1
- Greatly reducing storage requirements
- Quick and simple to use
- Deposits shredded plastic directly into bags or containers

Note: When shredding care must take to ensure different plastics are not shredded into one container



Bag-Boxer

- Compresses plastic packaging by a factor of 10:1
- Reduces storage space requirements
- Quick and simple to use
- Robust and long lasting
- Made exclusively by Techneat
- Plastic components made from recycled plastic



Can-Drain

- Allows effective drainage of diluted pesticide containers after triple rinse
- Hopper drains into a reservoir which can be emptied back into sprayer for safe field disposal
- Cost effective plastic construction
- Optional rinse nozzle available



Storage Bin

- Made from recycled plastic
- Allows temporary storage of waste
- Waste easily removeable
- Cost effective
- Keep work areas tidy and safe
- Comes complete weather proof lid, secured using two rubber straps
- Tub measures 1500x900x900mm



Rinse Nozzle

- Rotating container cleaning nozzle
- 360° spray angle
- Self powered
- Chemical resistant
- Reliable bearings