



Disposal of Treated Seed

1998

All bags containing treated seed should be clearly marked "DO NOT RE-USE". Empty bags that contained treated seed can be disposed of at Class II Landfills.

Farmers

Treated seed should be planted within the same year of treatment to ensure optimal germination. Excess seed can be double-planted around field edges. If treated seed has been stored and has below-optimal germination, it can be disposed of by mixing with new seed and planting at higher rates (up to three times the Alberta Agriculture, Food and Rural Development recommended maximum seeding rate). Treated seed can also be planted on land designated for pasture or silage. It should be thoroughly incorporated at the time of seeding using a cultivation method such as harrowing. ***Do not feed or graze livestock on "green feed" from treated areas for four weeks after planting or for the period specified on a product label, whichever is longer.***

Seed for plants that are herbicide tolerant can be managed in the same manner as seed for other types of plants.

Commercial Seed Vendors

The Canada Seeds Act and Regulations prohibit the sale of **common** seed if it does not meet minimum germination standards. Landfilling, composting, or some other waste management option is therefore required for seed that is no longer acceptable for sale or for release into the environment. **Pedigreed** seed may be sold with a sub-standard grade name provided that its germination percentage is indicated on the seed label.

Landfilling Treated Seed

Treated seed can be landfilled at a Class I or II landfill if it is non-hazardous waste according to the Alberta Waste Control Regulation (AR 192/96). Seed that is hazardous waste may be landfilled only at a Class I landfill (special landfill approved to receive solid hazardous waste). Seed that has been treated with fungicides only is classified non-hazardous in Alberta. Seed that has been treated with lindane insecticide will be classified hazardous if the leachate test value for waste seed is greater than 0.4 ppm lindane. Waste seed that has been mixed with the granular insecticides carbofuran or terbufos is hazardous waste because these insecticides are hazardous waste and they comprise 50% of the waste seed.

Contact the landfill owner to ensure that treated seed will be accepted. If treated seed will be accepted, the landfill operator must be alerted at the time of disposal to ensure that treated seed is covered immediately to prevent any risk to wildlife.

Waste Notes

1. Hazardous waste cannot be imported to Alberta for the purpose of landfilling. "Land treatment" provisions for waste management apply where seed is incorporated into soil at a seeding rate exceeding three times [Alberta Agriculture's Food and Rural Development](#) recommended maximum seeding rate.
2. Any "seeding" or soil incorporation of seed at rates greater than three times [Alberta Agriculture's Food and Rural Development](#) recommended maximum seeding rate is considered land treatment. Permission must be obtained from Alberta Environment for the land treatment of pesticide wastes.
3. Wastes generated by individual farmers through their farming operations are not subject to hazardous waste requirements, but must be dealt with in a responsible manner.

For further information about treated seed disposal, please contact a landfill or any of the following Alberta Environment offices:

Grande Prairie (780) 538-5460 Fax: (780) 538-5336

Room 1701, Provincial Building
10320 - 99 Street, Grande Prairie, Alberta T8V 6J4

Red Deer (403) 340-5310 Fax: (403) 340-5022

3rd Floor, Provincial Building
4920 - 51 Street, Red Deer, Alberta T4N 6K8

Calgary (403) 297-7602 Fax: (403) 297-8232

2nd Floor, Deerfoot Square
2938 - 11 Street NE, Calgary, Alberta T2E 7L7

Lethbridge (403) 381-5511 Fax: (403) 382-4008

2nd Floor, Provincial Building
200 - 5 Avenue South, Lethbridge, Alberta T1J 4C7

The above offices can also be reached by phoning 310-0000 toll-free from anywhere in Alberta.