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Ambrosia artemisiifolia in Germany



Regions of large *Ambrosia* populations in Germany, 3.9.06

Group Biodiversity
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○ Large populations of *A. artemisiifolia*

○ Hint on large populations of *Ambrosia*, we did not check by now

Occurance of *Ambrosia* outside of gardens



Harbours/
industrial areas



Cities, new settlements



fields



forests



Protected areas



roads



Federal highways,
highways



Stockrooms, soil



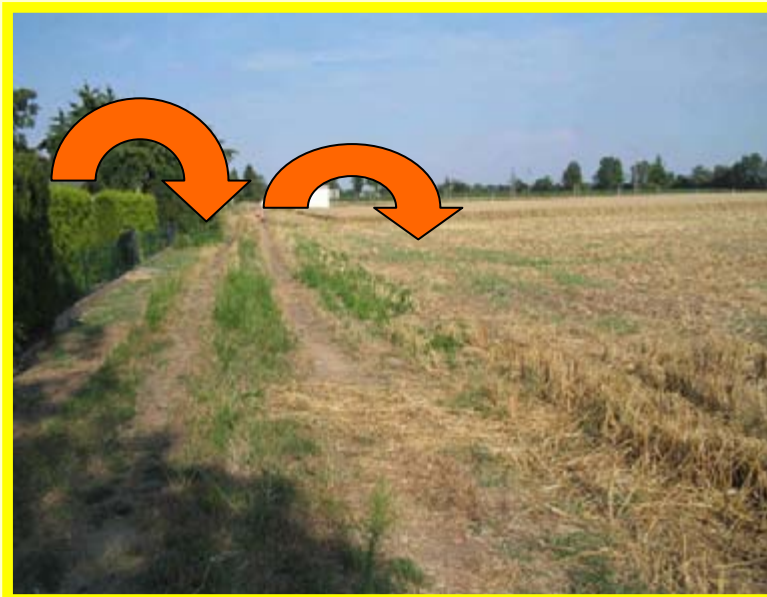
Important pathway of introduction: Bird-seed



achenes/seeds



Bird-seed containing achenes



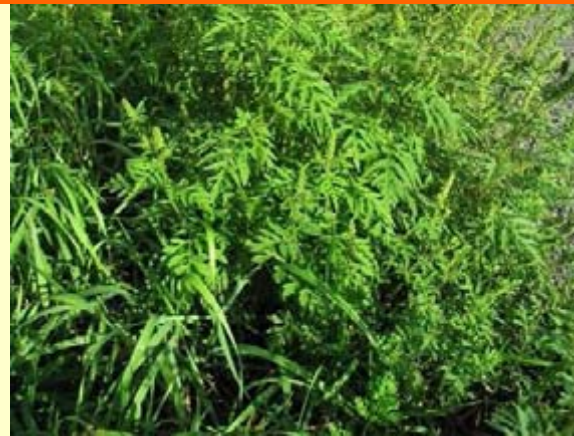
**Sunflowerseeds for
fodder purposes are sown
out (cheaper than seeds)**



Major Problem: Spreading along highways



Ambrosia is spreading west



Highway A 3,
many plants between
Austrian border and
Iggensbach, along 35 km

Highway A8 between Bad
Reichenhall and
Irschenberg, along 75 km!



Problem: *Ambrosia* will grow and produce new flowers and fruits.
Control measures are necessary for several years.

⇒ no legal background for the cities to mow on private properties

⇒ High costs

Problems for the cities:

a) Prevent further spreading:

How should they deal with the soil containing *Ambrosia* seeds?

b) control/eradication:

Ambrosia grows mainly on private properties.

Who should control *Ambrosia*? The owners? The cities?

Problems: in new settlements are often many owners

⇒ difficult to find out

⇒ work intensive to inform all owners and ask for allowance to mow



To prevent spreading of *Ambrosia* we need:

- Better cleaning of bird-seeds
- Cooperation between European countries e.g. Germany/Austria to prevent further spreading at highways
- Cooperation of authorities from health-, nature- and agricultural sector
- National strategy to deal with the species
- Information of publicity
- Monitoring of landscape to detect ragweed populations, with special regard to highways
- Laws, how to treat soil containing *Ambrosia* seed
- Laws, how to treat *Ambrosia*-plants on private properties (industrial areas, ruderals in cities, fields)



Thank you for your attention!

