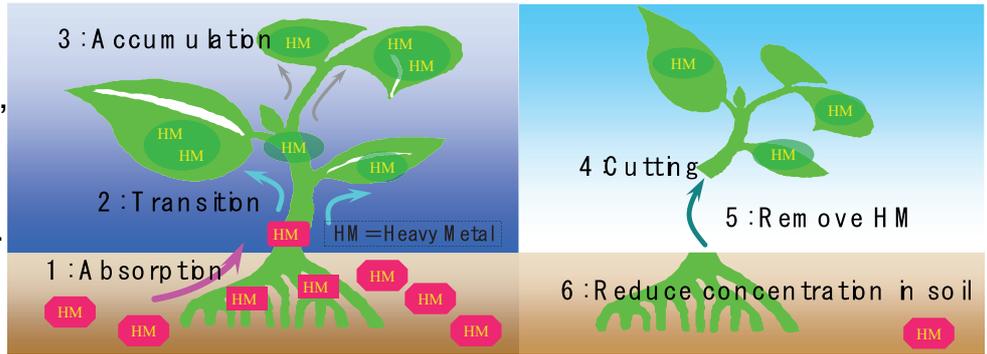




PHYTOREMEDIATION

Using Plants to Clean Up the Soil

Phytoremediation is a low-cost, environmentally-friendly technology for cleansing soil contaminated with heavy metal.



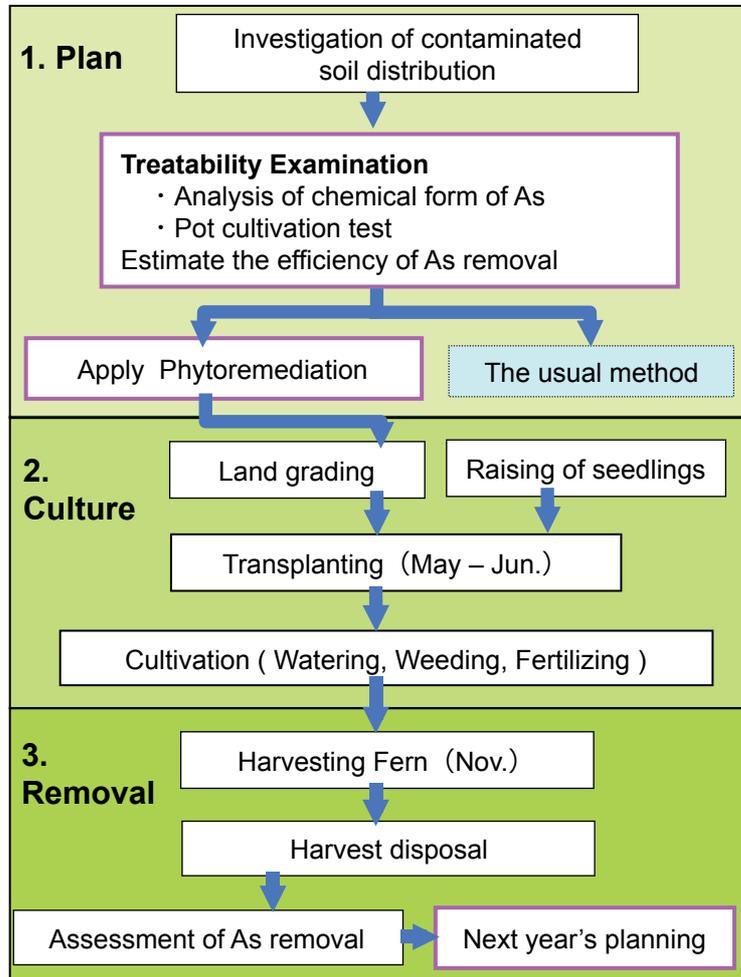
Phytoremediation of As

Pteris vittata L. (Chinese brake fern)



- As-Hyperaccumulator
- Tropical~Subtropical Plant
- High Production Efficiency

Flow chart shows the process of phytoremediation using chinese brake fern.



Phytoremediation of Cd

Arabidopsis halleri ssp. gemmifera



- Cd-Hyperaccumulator
- Brassicaceae Plant
- Annual Herb
- Possible to Rotate with Other Plants for Phytoremediation

This technology reduces Cd levels in farmland helping ensure food safety.

<Field Trials>

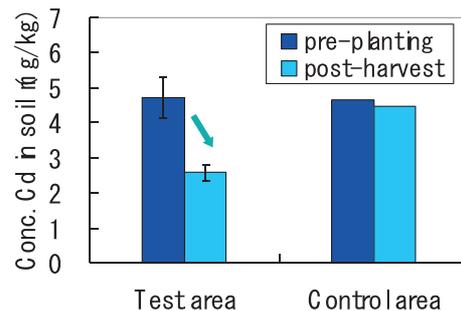


Fig. Cd concentration in soil is reduced to 55% by phytoremediation in one cropping season.