



SOIL SAMPLING PLAN

FOR FIRE MOUNTAIN FARMS WESTERN WASHINGTON SITES

- Use clean sampling tools.
 - A push probe or Soil auger (Manual or Automatic) can be used.
 - clean plastic bucket for each depth increment.
 - Brush and/or wipe sample tools between fields
- Sample each representative area *
 - 0 to 12 inches
- Determine how many individual cores to take.

Sample points recommended by field size to form composite	
1-9 Acres	10 Cores
10-25 Acres	20 Cores
26-50 Acres	25 Cores
>51 Acres	30 Cores

- Mix multiple cores thoroughly in a sample bucket.



- Placed about 2 cups of the mixed sample in a sample bag.
 - Label the bag with all pertinent information.
 - Fire Mountain Farms
 - Unit/ Field ID
 - Sample depth (i.e. 0-12)
- Fill out a Chain of Custody form.
 - Soil will be tested for
 - Nitrate-N (0-12")
 - Soil Organic Matter (0-12") **
 - Soil pH***
 - Pollutants****
- Keep bags cool and out of the sun.
 - If sample hold time is less than 3 days keep chilled and deliver to laboratory for analysis.
 - If Sample hold time is expected to be Greater than 3 Days
 - Sample should be frozen or dried to halt microbial processes
- Results will be provided to the Department of Ecology within 14 days of their receipt.

{* Representative area; maybe single or multiple fields, similar soil with same cropping}

{** soil organic matter to be run periodically on fields with 10 years or more of biosolids application history}

{*** Soil pH to be run on areas that have a history of lime stabilized Biosolids application}

{**** will be done pre-application and as directed by Ecology}

Fire Mountain Farms: 349 SR 508 Chehalis, WA 98532

Fire Mountain Farms: 856 Burnt Ridge Road Onalaska, WA 98570