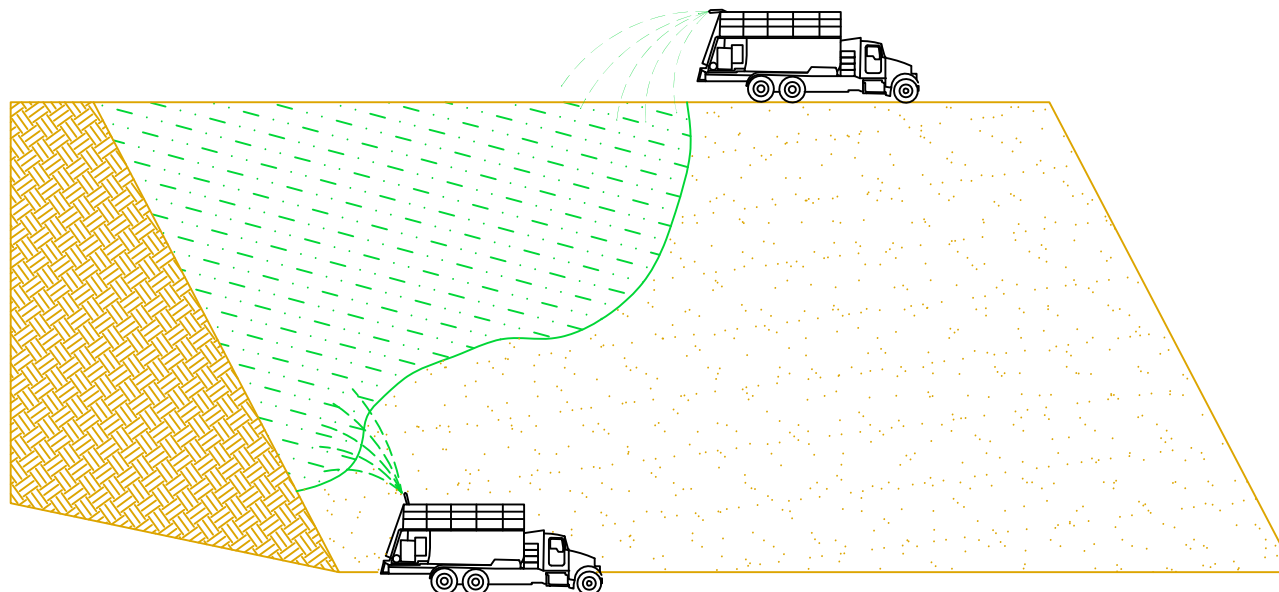
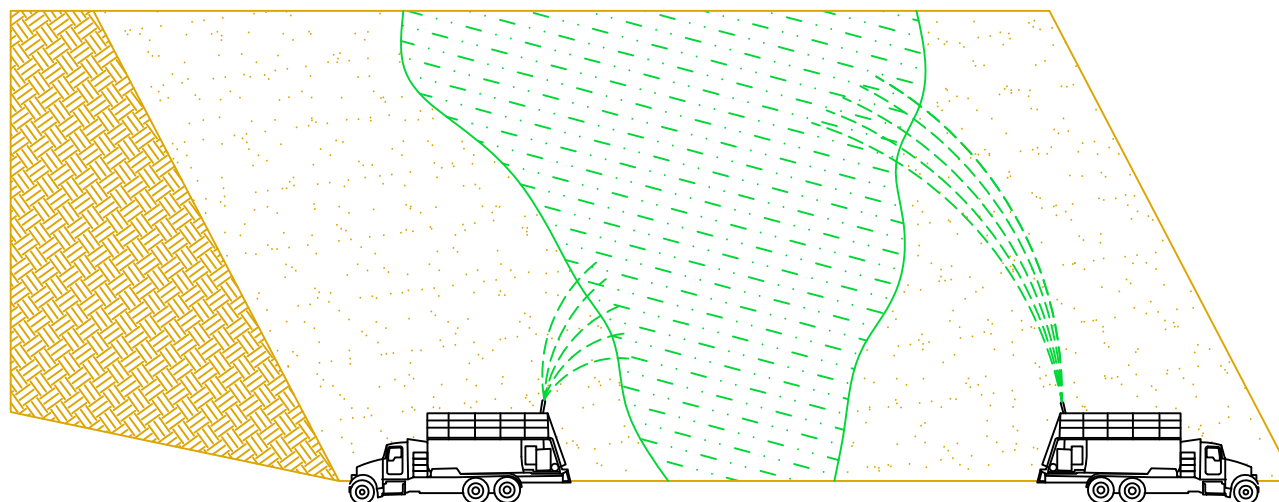


5a



5b



HYDRAULIC EROSION CONTROL PRODUCT APPLICATION DETAILS

1. Fill the tank of a mechanically agitated hydroseeding machine with sufficient water to suspend seed and fertilizers. Add seed and soil amendments. Continue to add water slowly while adding Hydraulic Erosion Control Product (HECP) at a steady rate. Mix at a rate of 50 pounds of HECP per 100 gallons of water. All HECP product should be loaded into the tank by the time the tank is approximately $\frac{3}{4}$ full in the water filling phase.
2. Agitate for a minimum of 15 minutes after adding the last amount of water and HECP.
3. If the application machine is equipped with variable speed agitation, then the agitation speed should be reduced prior to beginning to pump the material. Before the material is pumped the agitator should be adjusted to a slow roll, and should be spinning only fast enough to keep the mulch in a homogenous slurry.
4. Apply in a one-step process where seed, soil amendments, and mulch are applied simultaneously. HECP can be applied in a two step process where the seed and soil amendments are applied to the site followed by hydromulch secondly. The two step process is not necessary with HECP, but is acceptable if preferred by the applicator.
5. Apply in a uniform layer from 2 opposing directions (top and bottom (5.a) or left and right(5.b)) in successive layers to reduce "shadowing" and to ensure complete soil coverage. *Application rates may need to be increased on highly erosive soils or on irregular surfaces such as chiseled, disked, furrowed or tracked slopes.

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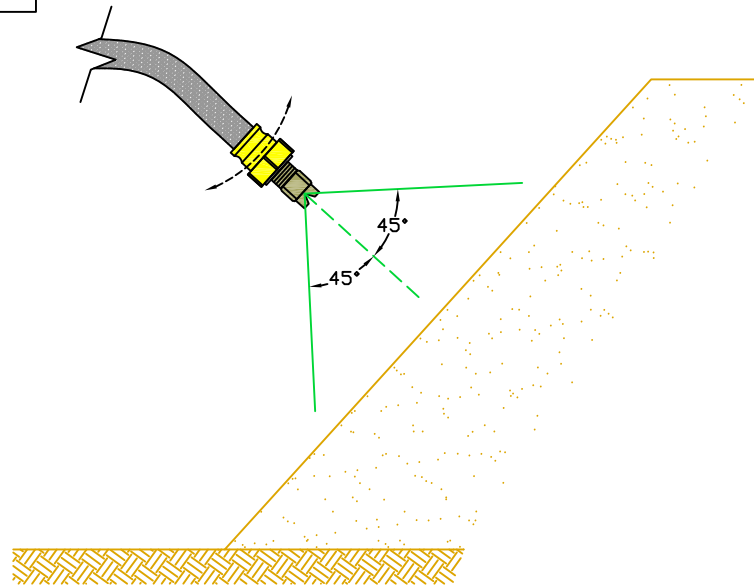
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6



7



HYDRAULIC EROSION CONTROL PRODUCT APPLICATION DETAILS

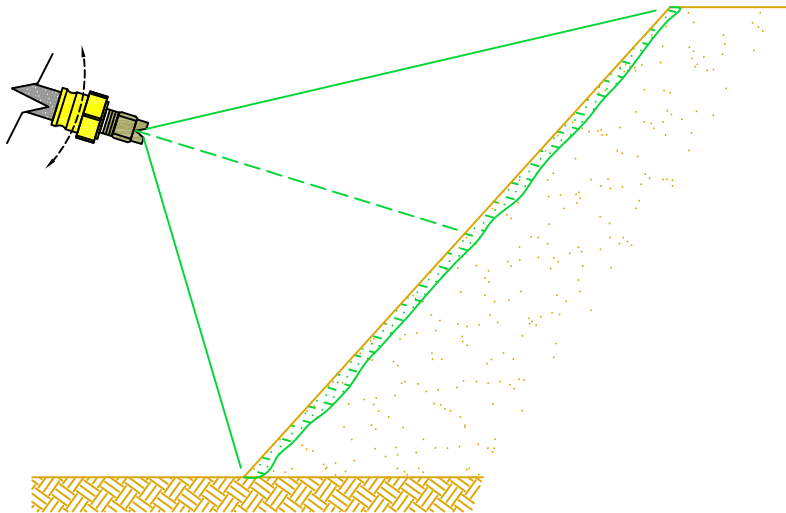
6. Use fan tip nozzles with a 40° to 65° spray pattern. When using a hose the flow rate allowed by the nozzle should be a minimum of 40 GPM. When applying the material from the cannon the nozzle used should accommodate a minimum of 65 GPM

7. Position the nozzle perpendicular to the soil surface. And spray back-and-forth extending 45° from center.

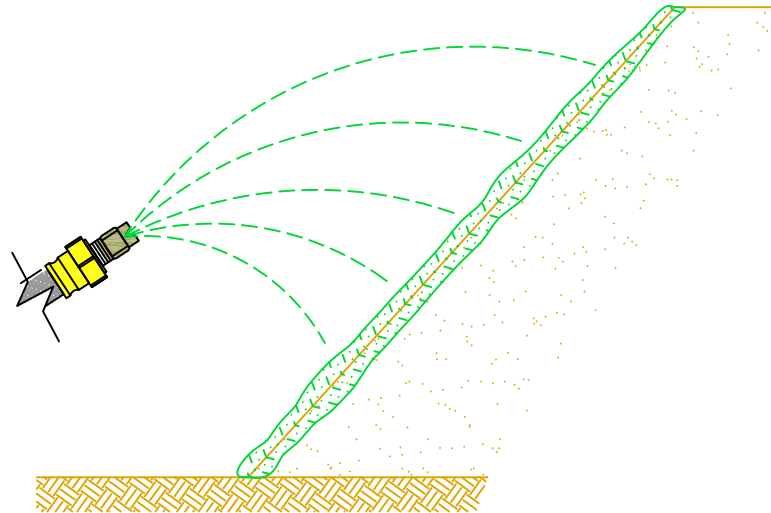
8. The slurry should be sprayed directly into the soil so that the slurry is thoroughly mixed and incorporated into the soil.

9. It is acceptable to spray the material into the air and allow it to fall down onto the site only after the majority of the material has been applied by incorporating the slurry into the soil as described in steps 7 & 8. This method of application should only be used to finish off an area, fill in light application areas, or "cap" the site.

8



9



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