

## **Part 540 – Operation and Management**

### **Subpart D – Exhibits**

#### **540.64 Sample Project Statement for the Plant Materials Program**

##### **UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE PROJECT STATEMENT**

<b>Project ID Code</b>	Cropland 1.1
<b>Title</b>	Controlling erosion on cropland with cropping and residue management systems.
<b>Project Statement</b>	Winter legumes and other plants used for cover crops on cropland in the PMC service area do not produce a seed crop prior to chemical burn down in the spring. Therefore, if cover crops are an objective of the landowner, they will need to be replanted annually. Earlier maturing plants and other techniques are needed to reduce establishment costs of cover crops. In other parts of the U.S., row crops are often harvested too late for establishment of cover crops before the onset of winter temperatures. Without a cover crop to utilize excess nutrients and provide winter cover, surface erosion from wind and water results on fields in this area. With a cover crop, there is the opportunity to capture excessive nitrogen and phosphorus, produce organic matter for the site, trap snow and improve moisture infiltration.
<b>Primary Resource</b>	Soil
<b>Other Resources</b>	water, air
<b>Primary Land Use</b>	Cropland
<b>Other land Use</b>	Wildlife
<b>Primary Vegetative Practices</b>	Cover and Green Manure Crop
<b>Other Vegetative Practices</b>	Wildlife Upland Habitat Management Nutrient Management