

LIST OF PROTECTIVE COVERINGS AND MULCHES

| TYPES OF MULCH | EFFECTIVENESS IN IMMEDIATE EROSION PROTECTION | EFFECTIVENESS IN ESTABLISHING VEGETATION | COMMENTS | SECTION |
|-------------------------------|---|--|---|--------------|
| Plastic sheet | High | --- | Temporary use: mulch protection for shrubs | 35.01 |
| Straw alone | Medium | Medium | For flat slopes and non-windy areas | 35.002 |
| Punched straw | Medium | High | Ideal for vegetating fill | 35.023 |
| Net-anchored straw | High | High | Retains straw on slope | 35.024 |
| Tackifiers with straw | High | Medium-high | Straw glued with tackifiers prevents its blowing away | 35.025 |
| Wood chip, sawdust | Medium | Medium | For flat slopes, stepped slopes, seed spot basins | 35.03 |
| Gravel & stones | High | Medium | Provinces for mechanical protection and vegetative growth | 35.04 |
| Mulch blanket | Medium | Medium | Binder dissolved leaving fiber mat with net | 35.05 |
| Wood fiber | Medium | Medium | Applied on roughened surface | 35.06 |
| Wasnee Dairy waste | Medium | Medium | Equivalent to wood fiber | 35.07 |
| Wood chips and asphalt | Medium-high | Medium | Good use of timber waste | 35.032 |
| Chemical mulch | Medium-high | Medium | Chemical film increases concession but reduces porosity | 35.08 |
| Wood fiber and chemical mulch | High | High | Improved retention of fiber on slope and improved germination | 35.08 |
| Wood excelsior | High | High | Covered by net and stapled in steep or windy areas | 35.09 |
| Fiberglass | Medium | Medium | Available in loose or matted form | 35.09 |
| Fiberglass and asphalt | High | High | May be difficult to mow | 35.10 |
| Jute | Medium-high | Medium-high | Slope must be smooth | 35.11 |
| Jute and straw | High | High | Slope may be rough | 35.11/35.024 |
| Sod | High | High | Some maintenance required | 35.12 |
| Building block | High | High | Stabilizes steep slopes and provides for vegetation | 35.13 |