

## APPENDIX K

### Stand Scoring System

#### Conversion Scoring System

Individual stands have been scored (range 1-3) for conversion to another cover type. A stand can have a conversion score for more than one cover type. For example, the aspen stand (134 A55) has a conversion score for red pine (RP 1) and white pine (WP 2). Below is the Stand Scoring System description, which applies to all the cover types the draft CP-PMOP plan recommends to increase acreage in over the next 10 years.

A stand receives 1 point if it meets the cover type's 10-year conversion pool criteria and an additional 1 point if it is within a priority LTA for that cover type and another point if it is within a 330' buffer of a managed patch of the same general category.

These Stand Scores have been applied to the SFRMP FIM dataset and are shown as a conversion label such as WP 2 in the dataset. As an example for the stand mentioned above, a conversion score and label of WP 2 has been assigned. This means that this aspen stand met the white pine 10-year conversion pool criteria (one point) and that the 2<sup>nd</sup> point came from being in either a priority LTA for white pine or in a buffer of an Upland Conifer patch. Refer to the stand selection FIM dataset attribute table to determine the source of the 2<sup>nd</sup> point. In this case, the table shows the 2<sup>nd</sup> point came from this stand being in a priority LTA.

#### Even-age Scoring System

The total even-age score (range 1-7) for a stand is calculated by summing the three component scores: treatment model (range 1-4), managed patch (1 or 2), and openlands areas (1). For example, a particular white spruce stand (150 WS45) received a score of 5 points. This score resulted from summing the stand's three component scores: 4 points from the treatment model, 1 point from a managed patch, and 0 points from openlands areas. Refer to the stand selection FIM dataset attribute table for the details of the component scores by stand.

Total even-age score = (treatment model score + managed patch score + openlands score)

#### Treatment Model Score Description (range 1-4 points)

Within an individual treatment model, points were assigned to each age-class and pool (normal or ERF) combination in the first decade (2007-2017) according the definitions below.

Score	Pool	Definition
4	Normal	currently over max and all acres selected
4	ERF	currently over max and all acres selected
3	Normal	will be over max within 10 years and some acres selected
3	ERF	currently over max and some acres selected
2	Normal	beyond normal but won't be max in 10 years and some acres selected
2	ERF	will be over max within 10 years and some acres selected
1	Normal	currently less than normal and some acres selected
1	ERF	beyond normal and some acres selected

**Managed Patch Score Description (1 or 2 points)**

Stands or groups of stands within the 146 managed patches in the CP and PMOP subsections were assigned 1 or 2 points, if the CP-PMOP planning Team believed treatment in the next 10 years would contribute to the goals of the individual patches. Stands with a 2 point managed patch score should receive more consideration for treatment than the 1 point stands during stand selection.

**Openlands Areas (1 point)**

All stands that intersected the Blackduck Openlands Area or the Prairie Chicken Area received 1 point. By giving these stands a higher score, the CP-PMOP planning Team believed these stands would be more likely to be selected for treatment in the next 10 years, which will create younger forests in these areas.