

Weighting the WHEP CDE Scores

The scores are weighted so that each part of the WHEP CDE will have the following values:

- Animal ID – 15%
 - Foods ID - 15%
 - Aerial Photos - 20%
 - Management Plan - 50% (Plan, 35%; Oral reasons 15%)
- Total = 100%

Scoring guidelines

Aerial Photos: $\text{Score}/400 * 20$ (Multiplier 0.05) [400 possible points for the Photos - 8 x 50 species ranked using Hormel scoring]

Foods: $\text{Score}/(390+50) * 15$ (Multiplier 0.034091) = points [440 possible points for the Foods - 5 points for each correct identification of the 10 food items (50 possible points) and 1 point for each box on the answer sheet, correctly marked, or left blank for a possible 390 points.]

Animal Identification: $\text{Score}/50 * 15$ (Multiplier 0.3) [1 point for each correct identification (50 possible points)].

Team: Management Plan: Score (35 possible points)

Oral reasons for management plan: Score (15 possible points)

Team Score: take the top 3 (Foods + Photos + ID) scores, divide by 3 (for an average on the individual parts of the contest) and add this to the Management Plan

Calculating a Team Score

Activity	Value * weight	Calculation
Aerial Photos	Sum of 8 scores/400 * 20	Sum * 0.05
Foods -	Score/(390+50) * 15 [1 pt for each correct box (390 boxes + 5 pts for each correct Food ID)]	
Foods – Note	The Foods scoring is further complicated by the fact that the values come in 2 parts: Scantron values and the identification of the food types which are 5 points each. So, further math is required (distributive property): = Score * 0.034091 = (Scantron score + ID score * 5)*0.034091 = Scantron score * 0.034091 + ID score * 0.017	Scantron - Score * 0.034091 Names – Score * 0.17
Animal ID	Score/50 * 15	Score * 0.3

After the individual scores are calculated for the Photos, Foods, and ID, they are summed to give the Individual Total

Mgmt Plan	Scored on a scale of 35	Score
Mgmt Plan, Oral Reasons	Score on a scale of 15	Score

The top 3 individual totals are added to the weighted values for the Management Plan (written & reasons) for the Total Team Score